

GEOHYDROLOGIC DATA FROM THE FLORIDAN AQUIFER
SYSTEM IN FLORIDA AND IN PARTS OF GEORGIA,
SOUTH CAROLINA, AND ALABAMA

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recorded, where known. Like the geologic units, all elevations are given in feet above (+) or below (-) mean sea level, and all thicknesses are given in feet. For both geologic and hydrologic units, a greater than (>) symbol is used in the thickness column to show that a given unit was not fully penetrated by a well. In the elevation-of-top columns, the designation A, followed by an elevation, means that the top of a given unit is not known exactly, but lies above the elevation shown.

An informal system of nomenclature was being used for the Floridan aquifer system and the hydrologic units within it at the time the tables were prepared. The designation "Limestone aquifer system" means the Floridan aquifer system; the "upper and lower major permeable zones" of the tables refer to the Upper and Lower Floridan aquifer systems, respectively; and the "sub-regional low-perm unit"(s) are the same as middle confining units I through VIII mapped in Professional Paper 1403-B. The terms "Surficial aquifer," "upper confining unit," "Boulder zone," and "base of system" are all used unchanged in the Professional Paper. Local low-permeability units listed on the tables are presented merely for the sake of completeness and were not mapped in Professional Paper 1403-B.

WELL LOCATIONS

The locations of the wells for which data are tabulated are shown on plate 1. Three methods of location are given on the tables. First, and perhaps simplest to use, is the Local Well Number, an abbreviation that refers to the State and county within which the well is located, followed by a sequential number within that county. The Local Well Numbers conform to the numbers shown within each county on plate 1. For example, ALA BAL 6 refers to the sixth well from which data were obtained in Baldwin County, Alabama; and so on. The county abbreviations used for the Local Well Numbers are as follows:

ALABAMA

<u>County</u>	<u>Abbreviation</u>	<u>WATSTORE Code</u>
Baldwin	BAL	003
Clarke	CL	025
Covington	COV	039
Escambia	ES	053
Geneva	GEN	061
Houston	HO	069
Mobile	MOB	097
Monroe	MON	099

FLORIDA

Alachua	AL	001
Baker	BA	003
Bay	BAY	005
Bradford	BRA	007
Broward	BRO	011
Calhoun	CAL	013

FLORIDA (continued)

Charlotte	CHA	015
Citrus	CI	017
Clay	CL	019
Collier	COL	021
Columbia	CO	023
Dade	DA	025
DeSoto	DE	027
Dixie	DIX	029
Duval	DUV	031
Escambia	ESC	033
Flagler	FL	035
Franklin	FRA	037
Gadsden	GA	039
Gilchrist	GIL	041
Glades	GL	043
Gulf	GF	045
Hamilton	HAM	047
Hardee	HAR	049
Hendry	HEN	051
Hernando	HER	053
Highlands	HI	055
Hillsborough	HIL	057
Holmes	HOL	059
Indian River	IR	061
Jackson	JX	063
Jefferson	JEF	065
Lafayette	LAF	067
Lake	LK	069
Lee	LEE	071
Leon	LN	073
Levy	LV	075
Liberty	LIB	077
Madison	MAD	079
Manatee	MAN	081
Marion	MAR	083
Martin	MTN	085
Monroe	MON	087
Nassau	NA	089
Okaloosa	OKA	091
Okeechobee	OKE	093
Orange	OR	095
Osceola	OS	097
Palm Beach	PB	099
Pasco	PAS	101
Pinellas	PIN	103
Polk	POL	105
Putnam	PUT	107
St. Johns	SJ	109
St. Lucie	SL	111
Santa Rosa	SR	113

FLORIDA (continued)

Sarasota	SAR	115
Suwannee	SUN	121
Taylor	TAY	123
Union	UN	125
Volusia	VO	127
Wakulla	WAK	129
Walton	WAL	131
Washington	WAS	133

GEORGIA

Appling	AP	001
Atkinson	AT	003
Bacon	BAC	005
Baker	BAK	007
Ben Hill	BH	017
Berrien	BER	019
Brantley	BRA	025
Brooks	BRO	027
Bryan	BRY	029
Bulloch	BUL	031
Burke	BU	033
Calhoun	CAL	037
Camden	CAM	039
Charlton	CHN	049
Chatham	CHA	051
Clinch	CLI	065
Coffee	COF	069
Colquitt	COQ	071
Cook	COK	075
Crisp	CRP	081
Decatur	DE	087
Dodge	DOE	091
Dooly	DO	093
Dougherty	DOG	095
Early	EA	099
Echols	EC	101
Effingham	EFF	103
Emanuel	EM	107
Evans	EV	109
Glynn	GLY	127
Grady	GR	131
Houston	HOU	153
Irwin	IR	155
Jeff Davis	JD	161
Jenkins	JEN	165
Laurens	LA	175
Lee	LEE	177
Liberty	LIB	179
Long	LO	183

GEORGIA (continued)

Lowndes	LOW	185
McIntosh	MC	191
Mitchell	MIT	205
Montgomery	MO	209
Pierce	PI	229
Pulaski	PU	235
Screven	SCR	251
Seminole	SE	253
Tattnall	TAT	267
Telfair	TEL	271
Terrell	TER	273
Thomas	THO	275
Tift	TF	277
Toombs	TO	279
Treutlen	TR	283
Ware	WA	299
Wayne	WAY	305
Wheeler	WH	309
Wilcox	WX	315
Worth	WOR	321

SOUTH CAROLINA

Allendale	AL	005
Bamberg	BAM	009
Beaufort	BEA	013
Charleston	CHN	019
Colleton	COL	029
Dorchester	DOR	035
Hampton	HAM	049
Jasper	JAS	053

The second method of well location is latitude and longitude, estimated to the nearest second from topographic maps. Thirdly, for the States of Alabama and Florida, well locations are given according to the section-township-range grid of the Federal System of Rectangular Surveys. This system is not used in Georgia and South Carolina.

EXPLANATION OF THE TABLES

The records used are presented in alphabetical order, first by State, then by county within that State. Within a given county, records are presented chronologically by sequential number.

Record Number - A code number assigned each well according to the WATSTORE data storage system of the U.S. Geological Survey. The first two digits of the record number are State designations as follows: Alabama, 01; Florida, 12; Georgia, 13; and South Carolina, 45. The next three digits designate the county within a given State (see list of county abbreviations). The last two digits are record sequence numbers, that are usually not the same as the Local Well sequence numbers.

County - Alpha designations of the county where the well is located.

Local Well Number - Explained above.

Lat - Latitude location.

Long - Longitude location.

Operator - Company which drilled the well. Used primarily for oil test wells.

Lease - Landowner on whose property the well is located. Usually preceded by a number in the case of an oil test well.

Elevation of Derrick Floor - Commonly used only on oil test wells. Geophysical logs are sometimes measured from this datum rather than ground level.

Elevation of Ground Level - Self-explanatory. May be negative if well is located offshore.

Depth of Well - Self-explanatory.

Section, Township, Range - Location with respect to the grid of the Federal System of Rectangular Surveys. S, South, N, North; E, East; W, West.

Data Available - An x is placed beneath each of five data categories if the given category of data was used in correlation.

State Geological Survey Well Number - Designation given a particular well by a given State agency. Included for ease in cross-referencing.

Geologic Units - Explained above. MSL, mean sea level; Ft., feet; A, above; >, greater than; +, above sea level; -, below mean sea level.

Hydrologic Units - Explained above. Abbreviations same as those used for geologic units.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: G100301

COUNTY: BALCHIN

LOCAL WELL NUMBER: ALABAL6

LAT: 0311362 LONG: 0873744

OPERATOR: LARUE

LEASE: #1 W M ALEXANDER

SECTION TOWN-
SHIP 13 3A 4E

RANGE 4E
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
DATA AVAILABLE
X

ELEVATION OF
DERRICK FLOOR
(FT.) 208
ELEVATION OF
GROUND LEVEL
(FT.)
DEPTH OF
WELL
(FT.) 6489

STATE GEOLOGICAL SURVEY WELL NUMBER: 590

GEOLOGIC UNITS

UNIT ELEVATION OF TOP
OF UNIT (FT.) THICKNESS
(FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A-307

>179

LATE EOCENE -486

250

MIDDLE EOCENE -736

640

EARLY EOCENE -1376

871

PALEOCENE -2247

994

CRETACEOUS -3441

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP
OF UNIT (FT.) THICKNESS
(FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP CF SYSTEM) A-307

>90

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

-397

89

LOWER MAJOR PERMEABLE ZONE

-486

81

BOULDER ZONE

BASE OF SYSTEM

-567

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: C100302 COUNTY: BALDWIN LOCAL WELL NUMBER: ALABAL8 LAT: 0310859 LONG: 0874654
OPERATOR: BORDEN LEASE: #2 CARNEY MILLS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 3E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
8 2N 3E 90 76 6501

STATE GEOLOGICAL SURVEY WELL NUMBER: 237

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A-369 >140

LATE EOCENE -509 240

MIDDLE EOCENE -749 910

EARLY EOCENE -1659 654

PALEOCENE -2313 1176

CRETACEOUS, -3489

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-369 >30

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -509 113

BOULDER ZONE

BASE OF SYSTEM -622

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: C10C303 COUNTY: BALDWIN LCCAL WELL NUMBER: ALABAL9 LAT: 0310915 LONG : 0874112
OPERATOR: HAMILTON LEASE: #2 HOWARD PATTERSON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
8 2N 4E 258 6749

STATE GEOLOGICAL SURVEY WELL NUMBER: 594

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICAL AQUIFER			
MIocene				UPPER CONFINING UNIT, LS SYSTEM	A-246	>42	
OLIGOCENE	A-246	>233		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-479	315		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-288	49	
MIDDLE EOCENE	-794	695		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-1489	860		I			
PALEOCENE	-2349	1100		II			
CRETACEOUS	-3449			III			
				IV			
				V	-337	142	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-479	183	
				BOULDER ZONE			
				BASE OF SYSTEM	-662		
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: G100304 COUNTY: BALCWIN LOCAL WELL NUMBER: ALB410 LAT: 0310840 LONG: 0873718

OPERATOR: HAMILTON LEASE: #1 HOWARD-PATTERSON

SECTION TOWN- RANGE
SHIP 2N 4E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.) 285
ELEVATION OF GROUND LEVEL (FT.) 277
DEPTH OF WELL (FT.) 6812

STATE GEOLOGICAL SURVEY WELL NUMBER: 593

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+277	451
MIocene	-174	50
OLIGOCENE	-224	240
LATE EOCENE	-464	330
MIDDLE EOCENE	-794	670
EARLY EOCENE	-1464	851
PALEOCENE	-2315	1124
CRETACEOUS	-3439	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-295	55
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-350	114
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-464	199
BOULDER ZONE		
BASE OF SYSTEM	-663	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 0100305 COUNTY: BALEWIN LOCAL WELL NUMBER: ALBAL14 LAT: 0310309 LONG : 0875530

OPERATOR: PLACID LEASE: #1 BRYANT ESTATE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
-13 1N 1E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 893

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIOCENE

OLIGOCENE	A-833	>74
LATE EOCENE	-907	385
MIDDLE EOCENE	-1292	1080
EARLY EOCENE	-2372	711
PALEOCENE	-3083	1338
CRETACEOUS	-4422	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I		
II		
III		
IV		
V	A-833	>74
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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SUPPLEMENT TO
PROFESSIONAL PAPER 1403-8
BASIC WELL DATA

RECORD NUMBER: C100306 COUNTY: BALCHIN LOCAL WELL NUMBER: ALBAL19 LAT: 0305806 LONG: 0874939
OPERATOR: UNION PROD LEASE: #1 BEN MAY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 12 1S 2E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
12 1S 2E X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 528

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+127	289		SURFICAL AQUIFER	+127	80	
MIOCENE	-162	420		UPPER CONFINING UNIT, LS SYSTEM	+47	685	
OLIGOCENE	-582	410		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-992	310		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-638	95	
MIDDLE EOCENE	-1302	910		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-2212	731		I			
PALEOCENE	-2943	1264		II			
CRETACEOUS	-4207			III			
				IV			
				V	-733	300	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-1033	177	
				BOULDER ZONE			
				BASE OF SYSTEM	-1150		
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

RECORD NUMBER: 0100307 COUNTY: BALDWIN LOCAL WELL NUMBER: ALBAL20 LAT: 0305321 LONG: 0874039

OPERATOR: SUN LEASE: #1 INTL. PAPER CO.

SECTION TOWN-
SHIP RANGE
4 2S 4E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 158
ELEVATION OF GROUND LEVEL (FT.) 148
DEPTH OF WELL (FT.) 7500

STATE GEOLOGICAL SURVEY WELL NUMBER: 759

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A-860 >191
LATE EOCENE -1051 180
MIDDLE EOCENE -1231 745
EARLY EOCENE -1976 846
PALEOCENE -2822 1359
CRETACEOUS -4181

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-860 >8

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII
-868 183

LOWER MAJOR PERMEABLE ZONE -1051 96

BOULDER ZONE

BASE OF SYSTEM -1147

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 0100308 COUNTY: BALCHWIN LOCAL WELL NUMBER: ALBAL21 LAT: 0304612 LONG: 0875700

OPERATOR: HUMBLE LEASE: #1 RICHARD P. BARR

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3S 1E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
38 3S 1E 22 12 13008

STATE GEOLOGICAL SURVEY WELL NUMBER: 1219

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+12	569
MIocene	-557	555
OLIGOCENE	-1112	485
LATE EOCENE	-1597	340
MIDDLE EOCENE	-1937	770
EARLY EOCENE	-2707	806
PALEOCENE	-3513	1374
CRETACEOUS	-4887	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+12	285
UPPER CONFINING UNIT, LS SYSTEM	-273	1045
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1318	58
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-1376	267
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1643	97
BOULDER ZONE		
BASE OF SYSTEM	-1740	
LOCAL LOW-PERMEABILITY UNIT(S)		

1

2

3

RECORD NUMBER: 0100309 COUNTY: BALEWIN LOCAL WELL NUMBER: ALBAL22 LAT: 0304333 LONG: 0874757
OPERATOR: STANOLIND LEASE: #1 U.S. STEEL 5-1
SECTION TCWN- RANGE DATA AVAILABLE
SHIP 4S CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
5 3E

STATE GEOLOGICAL SURVEY WELL NUMBER: 546

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIocene	A-801	>259
OLIGOCENE	-1060	515
LATE EOCENE	-1575	310
MIDDLE EOCENE	-1885	800
EARLY EOCENE	-2685	820
PALEOCENE	-3505	1290
CRETACEOUS	-4795	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM	A-801	>395
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1196	160

SUB-REGIONAL LOW-PERM. UNIT:

I		
II		
III		
IV		
V	-1356	219
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE	-1575	98
BOULDER ZONE		
BASE OF SYSTEM	-1673	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-8
BASIC WELL DATA

RECORD NUMBER: C100310 COUNTY: BALDWIN LOCAL WELL NUMBER: ALBAL24 LAT: 0304003 LONG: 0873700
OPERATOR: STANCLIND LEASE: #1 U.S STEEL 25-1
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4S 4E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
25 4S 4E 130 7844

STATE GEOLOGICAL SURVEY WELL NUMBER: 543

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIOCENE
OLIGOCENE A-1266 >283
LATE EOCENE -1549 330
MIDDLE EOCENE -1879 635
EARLY EOCENE -2514 876
PALEOCENE -3390 1309
CRETACEOUS -4699

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-1266 >74

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII
-1340 209

LOWER MAJOR PERMEABLE ZONE -1549 135
BOULDER ZONE
BASE OF SYSTEM -1684
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 0100311 COUNTY: BALDWIN LOCAL WELL NUMBER: ALBAL25 LAT: 0303651 LONG: 0874242
OPERATOR: RUSH LEASE: #1 CHILDRESS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
18 55 4E X
STATE GEOLOGICAL SURVEY WELL NUMBER:

HYDROLOGIC UNITS
UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE
MIocene
OLIGOCENE A-1641 >155
LATE EOCENE -1796 340
MIDDLE EOCENE -2136 525
EARLY EOCENE -2661 1015
PALEOCENE -3676 1235
CRETACEOUS -4911
SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE -1796 225
BOULDER ZONE
BASE OF SYSTEM -2021
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

LAT: 0303015 LONG : 0874821

ELEVATION OF

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
87	77	8455

GEOLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)	
(MSL)			
1	10.0	1.0	1.0
2	10.0	1.0	1.0
3	10.0	1.0	1.0
4	10.0	1.0	1.0
5	10.0	1.0	1.0
6	10.0	1.0	1.0
7	10.0	1.0	1.0
8	10.0	1.0	1.0
9	10.0	1.0	1.0
10	10.0	1.0	1.0
11	10.0	1.0	1.0
12	10.0	1.0	1.0
13	10.0	1.0	1.0
14	10.0	1.0	1.0
15	10.0	1.0	1.0
16	10.0	1.0	1.0
17	10.0	1.0	1.0
18	10.0	1.0	1.0
19	10.0	1.0	1.0
20	10.0	1.0	1.0
21	10.0	1.0	1.0
22	10.0	1.0	1.0
23	10.0	1.0	1.0
24	10.0	1.0	1.0
25	10.0	1.0	1.0
26	10.0	1.0	1.0
27	10.0	1.0	1.0
28	10.0	1.0	1.0
29	10.0	1.0	1.0
30	10.0	1.0	1.0
31	10.0	1.0	1.0
32	10.0	1.0	1.0
33	10.0	1.0	1.0
34	10.0	1.0	1.0
35	10.0	1.0	1.0
36	10.0	1.0	1.0
37	10.0	1.0	1.0
38	10.0	1.0	1.0
39	10.0	1.0	1.0
40	10.0	1.0	1.0
41	10.0	1.0	1.0
42	10.0	1.0	1.0
43	10.0	1.0	1.0
44	10.0	1.0	1.0
45	10.0	1.0	1.0
46	10.0	1.0	1.0
47	10.0	1.0	1.0
48	10.0	1.0	1.0
49	10.0	1.0	1.0
50	10.0	1.0	1.0
51	10.0	1.0	1.0
52	10.0	1.0	1.0
53	10.0	1.0	1.0
54	10.0	1.0	1.0
55	10.0	1.0	1.0
56	10.0	1.0	1.0
57	10.0	1.0	1.0
58	10.0	1.0	1.0
59	10.0	1.0	1.0
60	10.0	1.0	1.0
61	10.0	1.0	1.0
62	10.0	1.0	1.0
63	10.0	1.0	1.0
64	10.0	1.0	1.0
65	10.0	1.0	1.0
66	10.0	1.0	1.0
67	10.0	1.0	1.0
68	10.0	1.0	1.0
69	10.0	1.0	1.0
70	10.0	1.0	1.0
71	10.0	1.0	1.0
72	10.0	1.0	1.0
73	10.0	1.0	1.0
74	10.0	1.0	1.0
75	10.0	1.0	1.0
76	10.0	1.0	1.0
77	10.0	1.0	1.0
78	10.0	1.0	1.0
79	10.0	1.0	1.0
80	10.0	1.0	1.0
81	10.0	1.0	1.0
82	10.0	1.0	1.0
83	10.0	1.0	1.0
84	10.0	1.0	1.0
85	10.0	1.0	1.0
86	10.0	1.0	1.0
87	10.0	1.0	1.0
88	10.0	1.0	1.0
89	10.0	1.0	1.0
90	10.0	1.0	1.0
91	10.0	1.0	1.0
92	10.0	1.0	1.0
93	10.0	1.0	1.0
94	10.0		

SURFICAL AQUIFER

121

065

310

485

1000

1109

183

-2445

1

2

M

RECORD NUMBER: C100313 COUNTY: BALCHWIN LOCAL WELL NUMBER: ALBAL27 LAT: 0302624 LONG: 0873900
OPERATOR: TEMPLE LEASE: #1 F.W. SHERRILL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 7S 4E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
15 7S 4E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 832

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+77	714
MIocene	-637	1010
OLIGOCENE	-1647	505
LATE EOCENE	-2152	260
MIDDLE EOCENE	-2412	610
EARLY EOCENE	-3022	837
PALEOCENE	-3859	1073
CRETACEOUS	-4932	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+77	944
UPPER CONFINING UNIT, LS SYSTEM	-867	931
LIMESTONE AQUIFER SYSTEMS		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1798	178
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-1976	176
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2152	201
BOULDER ZONE		
BASE OF SYSTEM	-2353	
LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: C100314 COUNTY: BALCHIN LOCAL WELL NUMBER: ALBAL28 LAT: 0302651 LONG: 0873136
OPERATOR: TEMPLE LEASE: #1 PAUL KAISER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 7S SE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
13 7S SE X
STATE GEOLOGICAL SURVEY WELL NUMBER: 815

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+74	679
MIOCENE	-605	950
OLIGOCENE	-1555	440
LATE EOCENE	-1995	310
MIDDLE EOCENE	-2305	503
EARLY EOCENE	-2808	867
PALEOCENE	-3675	1075
CRETACEOUS	-4750	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+74	679
UPPER CONFINING UNIT, LS SYSTEM	-605	1121
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1726	82
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-1808	187
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1995	139
BOULDER ZONE		
BASE OF SYSTEM	-2134	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 0100315 COUNTY: BALDWIN LOCAL WELL NUMBER: ALBAL29 LAT: 0302718 LONG : 0872724

OPERATOR: WILLIAMS LEASE: #1 TENSAN LAND & TBN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 6E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
10 7S 6E X
ELEVATION OF DERRICK FLOOR (FT.) 62
ELEVATION OF GROUND LEVEL (FT.) 7814
DEPTH OF WELL (FT.) 7814

STATE GEOLOGICAL SURVEY WELL NUMBER: 935

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-523 >804
OLIGOCENE -1127 505
LATE EOCENE -1832 315
MIDDLE EOCENE -2147 548
EARLY EOCENE -2695 867
PALEOCENE -3562 1095
CRETACEOUS -4657

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-523 >887
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -1410 242
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

-1652 180

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: G100316 COUNTY: BALCHIN LOCAL WELL NUMBER: ALBAL30 LAT: 0301421 LONG: 0875900
OPERATOR: O'BOYLE LEASE: #1 GULF BEACH LAND
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 95 1E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
28 95 1E X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 789

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+6	1369	SURFICAL AQUIFER	+6	1046
MIOCENE	-1363	1315	UPPER CONFINING UNIT, LS SYSTEM	-1040	1889
OLIGOCENE	-2678	700	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-3378	115	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-2929	181
MIDDLE EOCENE	-3493	410	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-3903	780	I		
PALEOCENE	-4683	985	II		
CRETACEOUS	-5668		III		
			IV		
			V	-3110	346
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-3456	37
			BOULDER ZONE		
			BASE OF SYSTEM	-3493	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: C100317 COUNTY: BALDWIN LOCAL WELL NUMBER: ALBAL31 LAT: 0302048 LONG: 0873915

OPERATOR: TEMPLE LEASE: #1 WALSH-EHLE

SECTION 15 TOWN-8S RANGE 4E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 DATA AVAILABLE
 X

ELEVATION OF DERRICK FLOOR (FT.) 64
 ELEVATION OF GROUND LEVEL (FT.) 54
 DEPTH OF WELL (FT.) 8242

STATE GEOLOGICAL SURVEY WELL NUMBER: 651

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+54	769
MIocene	-715	1160
OLIGOCENE	-1875	585
LATE EOCENE	-2460	295
MIDDLE EOCENE	-2755	495
EARLY EOCENE	-3250	815
PALEOCENE	-4065	1005
CRETACEOUS	-5070	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+54	634
UPPER CONFINING UNIT, LS SYSTEM	-580	1483
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-2063	215
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-2278	182
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2460	192
BOULDER ZONE		
BASE OF SYSTEM	-2652	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
 2
 3

**SUPPLEMENT TO
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BASIC WELL DATA**

LAT: 0301648 LONG : 0873430

DEPTH

773M

8010

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
(MSL)		
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102
103	104	105
106	107	108
109	110	111
112	113	114
115	116	117
118	119	120
121	122	123
124	125	126
127	128	129
130	131	132
133	134	135
136	137	138
139	140	141
142	143	144
145	146	147
148	149	150
151	152	153
154	155	156
157	158	159
160	161	162
163	164	165
166	167	168
169	170	171
172	173	174
175	176	177
178	179	180
181	182	183
184	185	186
187	188	189
190	191	192
193	194	195
196	197	198
199	200	201
202	203	204
205	206	207
208	209	210
211	212	213
214	215	216
217	218	219
220	221	222
223	224	225
226	227	228
229	230	231
232	233	234
235	236	237
238	239	240
241	242	243
244	245	246
247	248	249
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
292	293	294
295	296	297
298	299	300
301	302	303
304	305	306
307	308	309
310	311	312
313	314	315
316	317	318
319	320	321
322	323	324
325	326	327
328	329	330
331	332	333
334	335	336
337	338	339
340	341	342
343	344	345
346	347	348
349	350	351
352	353	354
355	356	357
358	359	360
361	362	363
364		

7514

913

630

231

RECORD NUMBER: 0100319 COUNTY: BALCON COUNTY: BALCON
LOCAL WELL NUMBER: AL8AL34 LAT: 0304250 LONG: 0874240
OPERATOR: EXXON LEASE: #1 U.S. STEEL 7-6
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4S CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
7 4E X
STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+175	754		SURFICAL AQUIFER	+175	754	
MIOCENE	-579	439		UPPER CONFINING UNIT, LS SYSTEM	-579	581	
OLIGOCENE	-1018	486		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-1504	280		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1160	140	
MIDDLE EOCENE	-1784	814		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-2598	770		I			
PALEOCENE	-3368	1361		II			
CRETACEOUS	-4729			III			
				IV			
				V	-1300	204	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-1504	91	
				BOULDER ZONE			
				BASE OF SYSTEM	-1595		
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 0102301 COUNTY: CHOCTAW LOCAL WELL NUMBER: ALCH020 LAT: 0314300 LONG: 0881154

OPERATOR: OCCIDENTAL LEASE: #1 J.M. PELHAM, JR.

SECTION TOWN-SHIP RANGE 29 9N 2W
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
DATA AVAILABLE
X

ELEVATION OF DERRICK FLOOR (FT.) 132
ELEVATION OF GROUND LEVEL (FT.) 123
DEPTH OF WELL (FT.) 3050

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-46 >67
-113 >34
-847 940
-1787

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 0102302 COUNTY: CHOCTAW LOCAL WELL NUMBER: ALCH023 LAT: 0314924 LONG: 0881612
OPERATOR: HUNT LEASE: #1 R. BARNETT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 10N 3W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
22 10N 3W X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICIAL AQUIFER	
MIOCENE		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	
MIDDLE EOCENE		SUB-REGIONAL LOW-PERM. UNIT:	
EARLY EOCENE		I	
PALEOCENE		II	
CRETACEOUS		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	
		BOULDER ZONE	
		BASE OF SYSTEM	
		LOCAL LOW-PERMEABILITY UNIT(S)	

- 1
- 2
- 3

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RECORD NUMBER: 0102501 COUNTY: CLARKE LOCAL WELL NUMBER: ALACL-2 LAT: 0311436 LONG: 0875136
OPERATOR: PHILLIPS LEASE: #1 SCOTTIE "A"
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 2E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
10 3N 2E

ELEVATION OF DERRICK FLOOR (FT.) 30
ELEVATION OF GROUND LEVEL (FT.) 13
DEPTH OF WELL (FT.) 14476

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

SURFICAL AQUIFER

MIOCENE

UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE A-29

>344

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE -373

205

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

MIDDLE EOCENE -578

850

SUB-REGIONAL LOW-PERM. UNIT:

EARLY EOCENE -1428

587

PALEOCENE -2015

1073

CRETACEOUS -3088

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

-373

36

BOULDER ZONE

BASE OF SYSTEM

-409

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: C102502 COUNTY: CLARKE LOCAL WELL NUMBER: ALACL11 LAT: 0312230 LONG: 0874348

OPERATOR: SUN LEASE: #1 PINNIE PERRINE

SECTION TOWN- RANGE DATA AVAILABLE
 SHIP SN 3E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 38
 ELEVATION OF GROUND LEVEL (FT.) 28
 DEPTH OF WELL (FT.) 5591

STATE GEOLOGICAL SURVEY WELL NUMBER: 575

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-57	>53
OLIGOCENE	-110	180
LATE EOCENE	-290	220
MIDDLE EOCENE	-510	570
EARLY EOCENE	-1080	747
PALEOCENE	-1827	1113
CRETACEOUS	-2940	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-57	>148
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-205	31
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-236	54
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-290	65
BOULDER ZONE		
BASE OF SYSTEM	-355	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 0102503 COUNTY: CLARKE LOCAL WELL NUMBER: ALACL29 LAT: 0313612 LONG: 0875124

OPERATOR: LAGRANGE LEASE: #1 TILLIE MCVEY

SECTION TOWN- RANGE DATA AVAILABLE

3 SHIP 7N 2E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1278

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A-273	>75
LATE EOCENE	-348	318
MIDDLE EOCENE	-666	580
EARLY EOCENE	-1246	735
PALEOCENE	-1981	1244
CRETACEOUS	-3225	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: C103901 COUNTY: COVINGTON LOCAL WELL NUMBER: ALACOV2 LAT: 0310918 LONG: 0863824
 OPERATOR: STRAKE LEASE: #1 M.H. BULLARD
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 14E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 10 2N 14E

STATE GEOLOGICAL SURVEY WELL NUMBER: 17

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	A-230	>293	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-523	632	I		
PALEOCENE	-1155	853	II		
CRETACEOUS	-2008		III		
			IV		
			V	+118	30
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	+88	92
			BOULDER ZONE		
			BASE OF SYSTEM	-4	
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 0103902 COUNTY: COVINGTON LOCAL WELL NUMBER: ALACOV4 LAT: 0312121 LONG: 0862709
OPERATOR: TEMPLE LEASE: #1 MARTIN-SPICER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP SN 16E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
33 SN 16E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 182

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A+96 >86
+10 4C7
-397 623
-1020

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM +217 15

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE +202 45

BOULDER ZONE

BASE OF SYSTEM +157

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 0103903 COUNTY: COVINGTON LOCAL WELL NUMBER: ALACOV9 LAT: 0310345 LONG: 0862534
 OPERATOR: TEXAS GAS LEASE: #1 IPC-SCOTT PAPER
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 1N 16E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 14 1N 16E X
 ELEVATION OF DERRICK FLOOR (FT.) 312
 ELEVATION OF GROUND LEVEL (FT.) 290
 DEPTH OF WELL (FT.) 12848

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE	A+211	>128	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+83	280	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	-197	430	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-627	561	I		
PALEOCENE	-1188	769	II		
CRETACEOUS	-1957		III		
			IV		
			V	+133	53
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

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RECORD NUMBER: G103904 COUNTY: COVINGTON LOCAL WELL NUMBER: ALCCV12 LAT: 0312420 LONG: 0862845

OPERATOR: BURRELL LEASE: GANTT POWER STA.

SECTION TOWN- RANGE DATA AVAILABLE
SHIP SN 15E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
185
185
640

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +185 40
MIOCENE
OLIGOCENE
LATE EOCENE
MIDDLE EOCENE +145 320
EARLY EOCENE -175 >280
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +185 40

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 0103905 COUNTY: COVINGTON LOCAL WELL NUMBER: ALCOV13 LAT: 0311759 LONG: 0861501
 OPERATOR: LANE LEASE: OPP, WELL 1-0
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 18E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 27 4N 18E

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+334	50	SURFICAL AQUIFER	+334	50
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	+284	220	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	+64	458	I		
PALEOCENE	-394	667	II		
CRETACEOUS	-1061		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

STATE GEOLOGICAL SURVEY WELL NUMBER:

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+108	45	SURFICAL AQUIFER	+108	45
MIocene			UPPER CONFINING UNIT, LS SYSTEM	+63	205
OLIGOCENE	+63	345	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-282	350	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-142	25
MIDDLE EOCENE	-632	>310			
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
			II		
			III		
			IV		
			V	-167	115
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-282	80
			BOULDER ZONE		
			BASE OF SYSTEM	-362	
			LOCAL LOW-PERMEABILITY UNIT(S)		
CRETACEOUS					

1 2 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 0105301 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES-2 LAT: 0310635 LONG: 0870440
OPERATOR: GULF RFG. LEASE: CORE HOLE #221
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 10E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
29 2N 10E

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+93	18
MIocene		
OLIGOCENE	+75	266
LATE EOCENE	-191	346
MIDDLE EOCENE	-537	486
EARLY EOCENE	-1023	>417
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+93	18
UPPER CONFINING UNIT, LS SYSTEM	+75	142
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-67	34
SUB-REGIONAL LCM-PERM. UNIT:		
I		
II		
III		
IV		
V	-101	90
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-191	76
BOULDER ZONE		
BASE OF SYSTEM	-267	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

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RECORD NUMBER: 0105303 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALA513 LAT: 0310039 LONG: 0865436
OPERATOR: SUNNYLAND LEASE: #1 ATKINSON TRUST
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 11E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
36 1N 11E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 435

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE A-282 >328

MIDDLE EOCENE -610 620

EARLY EOCENE -1230 872

PALEOCENE -2102 824

CRETACEOUS -2926

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -282

BOULDER ZONE

BASE OF SYSTEM -493

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

>211

RECORD NUMBER: 0105304 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES35 LAT: 0310254 LONG: 0865109
 OPERATOR: LYLE CASHION LEASE: #1 ATKINSON TRUST
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 1N 12E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 15 1N 12E X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 496

GEOLOGIC UNITS
 ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 UNIT (MSL)

POST-MIOCENE SURFICAL AQUIFER

MIOCENE UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE LIMESTONE AQUIFER SYSTEM:

LATE EOCENE A-208 >288

MIDDLE EOCENE -496 579

EARLY EOCENE -1075 849

PALEOCENE -1924 784

CRETACEOUS -2708

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE A-208 >81

SHOULDER ZONE

BASE OF SYSTEM -289

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

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RECORD NUMBER: 0105305 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES41 LAT: 0311339 LONG: 0871706
OPERATOR: MOBICO LEASE: #1 AUGER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 8E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
17 3N 8E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 1168

ELEVATION OF DERRICK FLOOR (FT.) 349
ELEVATION OF GROUND LEVEL (FT.) 341
DEPTH OF WELL (FT.) 6004

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>174

596

761

1149

-2840

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

A-160

-220

>60

1

2

3

RECORD NUMBER: 0103306 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES47 LAT: 0311351 LONG: 0845548
 OPERATOR: SUPERIOR LEASE: #B-1 T.R. MILLER MILL
 SECTION TOWN-SHIP RANGE DATA AVAILABLE
 11 3N 11E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 307
 ELEVATION OF GROUND LEVEL (FT.) 284
 DEPTH OF WELL (FT.) 13015

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE SURFICIAL AQUIFER

MIOCENE UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE LIMESTONE AQUIFER SYSTEM:

LATE EOCENE A+100 >260
 MIDDLE EOCENE -160 402
 EARLY EOCENE -562 621

PALEOCENE SUB-REGIONAL LGW-PERM. UNIT:

CRETACEOUS -1183 1094
 -2277
 I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE A+100 >102

BOULDER ZONE

BASE OF SYSTEM -2

LOCAL LGW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 0105307 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES48 LAT: 0310224 LONG: 0870242
OPERATOR: SUPERIOR LEASE: #1 MILLER-STATE LINE
SECTION TOWN-RANGE DATA AVAILABLE
SHIP 1N 10E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
22 1N 10E X
STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+111	>41
OLIGOCENE	+70	398
LATE EOCENE	-328	387
MIDDLE EOCENE	-715	595
EARLY EOCENE	-1310	781
PALEOCENE	-2091	1003
CRETACEOUS	-3094	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+163	104
UPPER CONFINING UNIT, LS SYSTEM	+59	259
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-200	40
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-240	85
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-325	210
BOULDER ZONE		
BASE OF SYSTEM	-535	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

ELEVATION OF DERRICK FLOOR (FT.) 179
ELEVATION OF GROUND LEVEL (FT.) 163
DEPTH OF WELL (FT.) 14976

RECORD NUMBER: 0105308 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES49 LAT: 0310827 LONG: 0845736
OPERATOR: SUPERIOR LEASE: #A-1 T.R. MILLER MILL
SECTION TOWN-- RANGE DATA AVAILABLE
SHIP 16 2N 11E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
197 217 197 14104

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIocene A+148 >222
LATE EOCENE -74 383
MIDDLE EOCENE -457 402
EARLY EOCENE -859 646
PALEOCENE -1505 1137
CRETACEOUS -2642

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+148 >120
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE +28 60
(TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -72 90
BOULDER ZONE
BASE OF SYSTEM -162
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

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RECORD NUMBER: 0105309 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAESSO LAT: 0311442 LONG: 0870258
OPERATOR: HUMBLE LEASE: #1 MINNIE SKINNER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 10E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
10 3N 10E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 50

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A+208 >156
LATE EOCENE +52 165
MIDDLE EOCENE -113 469
EARLY EOCENE -582 735
PALEOCENE -1317 1134
CRETACEOUS -2451

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+208 >86

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) +122 55

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V +67 15
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE +52 90

BOULDER ZONE

BASE OF SYSTEM -38

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 0105310 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAESS9 LAT: 0310109 LONG: 0872354
OPERATOR: NEILSON LEASE: #1 C.E. BOCHELOR
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 6E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 1N 6E X
DEPTH OF WELL (FT.) 6941

STATE GEOLOGICAL SURVEY WELL NUMBER: 221

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-377 >247
OLIGOCENE -624 273
LATE EOCENE -897 640
MIDDLE EOCENE -1537 901
EARLY EOCENE -2438 1199
PALEOCENE -3637

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-377 >56
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -433 90
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -623 170
BOULDER ZONE
BASE OF SYSTEM -793
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 0105311 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES60 LAT: 0310918 LONG: 0873300
OPERATOR: SUNNYLAND LEASE: #2 SULLIVAN LBR.
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 10 2N 5E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
10 2N 5E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 550

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIocene A-116 >78
OLIGOCENE -194 251
LATE EOCENE -445 349
MIDDLE EOCENE -794 640
EARLY EOCENE -1434 891
PALEOCENE -2325 1154
CRETACEOUS -3479

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-116 >204
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -320 30
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V -350 9C
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -440 205

BOULDER ZONE

BASE OF SYSTEM -645

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 0105312 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES61 LAT: 0310524 LONG: 0872642
 OPERATOR: SEABOARD LEASE: #1 SULLIVAN LSR.
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 34 2N 6E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 586

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
POST-MIOCENE	+251	140	SURFICAL AQUIFER	+251	140		
MIOCENE	+111	356	UPPER CONFINING UNIT, LS SYSTEM	+111	515		
OLIGOCENE	-245	312	LIMESTONE AQUIFER SYSTEM:				
LATE EOCENE	-557	341	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-404	45		
MIDDLE EOCENE	-898	710	SUB-REGIONAL LOW-PERM. UNIT:				
EARLY EOCENE	-1608	806	I				
PALEOCENE	-2414	1270	II				
CRETACEOUS	-3684		III				
			IV				
			V	-449	110		
			VI				
			VII				
			VIII				
			LOWER MAJOR PERMEABLE ZONE	-559	165		
			BOULDER ZONE				
			BASE OF SYSTEM	-724			
			LOCAL LOW-PERMEABILITY UNIT(S)				
			1				
			2				
			3				

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RECORD NUMBER: 0105313 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES64 LAT: 0310436 LONG: 0873315

OPERATOR: HAMILTON LEASE: #1 ALEXANDER STONE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3 IN 5E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 301
ELEVATION OF GROUND LEVEL (FT.) 293
DEPTH OF WELL (FT.) 6814

STATE GEOLOGICAL SURVEY WELL NUMBER: 567

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-123	>159
OLIGOCENE	-282	303
LATE EOCENE	-585	287
MIDDLE EOCENE	-872	670
EARLY EOCENE	-1542	872
PALEOCENE	-2414	1198
CRETACEOUS	-3613	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-123	>381
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-504	45
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-549	36
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-587	174
BOULDER ZONE		
BASE OF SYSTEM	-761	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: C105314 COUNTY: ESCAMBIA LOCAL WELL NUMBER: ALAES99 LAT: 0311240 LONG: 0873110

OPERATOR: SHELL LEASE: #1 ALGER TENANTS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 5E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
24 3N 5E X
ELEVATION OF DERRICK FLOOR (FT.) 357
ELEVATION OF GROUND LEVEL (FT.) 338
DEPTH OF WELL (FT.) 15106

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+338	185
MIocene	+153	175
OLIGOCENE	-22	205
LATE EOCENE	-227	370
MIDDLE EOCENE	-597	582
EARLY EOCENE	-1179	809
PALEOCENE	-1988	1129
CRETACEOUS	-3117	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+338	160
UPPER CONFINING UNIT, LS SYSTEM	+178	275
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-97	83
SUB-REGIONAL LCM-PERM. UNIT:		
I		
II		
III		
IV		
V	-180	48
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-228	138
BOULDER ZONE		
BASE OF SYSTEM	-366	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 0106101 COUNTY: GENEVA LOCAL WELL NUMBER: ALAGE-1 LAT: 0310425 LONG: 0853600
OPERATOR: SCUTHEASTERN LEASE: #1 M.S. BATTLE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1N 24E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
13 1N 24E 261 3883

STATE GEOLOGICAL SURVEY WELL NUMBER: 615

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-135	>288
EARLY EOCENE	-423	186
PALEOCENE	-609	934
CRETACEOUS	-1543	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+261	161
UPPER CONFINING UNIT, LS SYSTEM	+100	58
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	+42	98
BOULDER ZONE		
BASE OF SYSTEM	-56	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 0106102 COUNTY: GENEVA LOCAL WELL NUMBER: ALAGE-3 LAT: 0310900 LONG: 0853345
 OPERATOR: HARRIS LEASE: #1 YOUNGBLOOD
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 2N 25E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 17 2N 25E X
 ELEVATION OF DERRICK FLOOR (FT.) 207
 ELEVATION OF GROUND LEVEL (FT.) 200
 DEPTH OF WELL (FT.) 3829

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-38	>240
EARLY EOCENE	-278	140
PALEOCENE	-418	1050
CRETACEOUS	-1478	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	+20	60
BOULDER ZONE		
BASE OF SYSTEM	-40	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: C106103 COUNTY: GENEVA LOCAL WELL NUMBER: ALAGE-4 LAT: 0310125 LONG: 0860810
OPERATOR: TEMPLE LEASE: #1 J.P. FAULK
SECTION TOWN- RANGE DATA AVAILABLE
SHIP. CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
27 1N 19E X 201 191 4543

STATE GEOLOGICAL SURVEY WELL NUMBER: 169

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIocene		
OLIGOCENE	A+102	>20
LATE EOCENE	+82	177
MIDDLE EOCENE	-95	289
EARLY EOCENE	-384	650
PALEOCENE	-1034	633
CRETACEOUS	-1672	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+102 >20

LIMESTONE ACUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE +82 177

BOULDER ZONE

BASE OF SYSTEM -95

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: G106104 COUNTY: GENEVA LOCAL WELL NUMBER: ALAGE-6 LAT: 0310600 LONG: 0854110

OPERATOR: LAYNE LEASE: CITY OF HARTFORD
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 36 2N 23E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+266	22		SURFICAL AQUIFER	+266	22	
MIOCENE				UPPER CONFINING UNIT, LS SYSTEM	+244	48	
OLIGOCENE	+244	48		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	+196	142		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)			
MIDDLE EOCENE	+54	>330		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE				I			
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	+196	42	
				BOULDER ZONE			
				BASE OF SYSTEM	+154		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1			
				2			
				3			

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: G106105 COUNTY: GENEVA LOCAL WELL NUMBER: ALAGE-7 LAT: 0310650 LONG: 0860250
OPERATOR: LAYNE LEASE: CITY OF, SAMPSON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 20E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
28 2N 20E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	+115	>60
MIDDLE EOCENE	+55	235
EARLY EOCENE	-180	565
PALEOCENE	-745	>210
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LCW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LCW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 0106106 COUNTY: GENEVA LOCAL WELL NUMBER: ALAGE-8 LAT: 0310950 LONG: 0855440
OPERATOR: HUGHES LEASE: COFFEE SPRINGS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 21E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
11 2N 21E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	+36	>55
EARLY EOCENE	-19	420
PALEOCENE	-439	>105
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: G106901 COUNTY: HOUSTON LOCAL WELL NUMBER: ALAMO-2 LAT: 0311350 LONG: 0852855
OPERATOR: WILLIAMS LEASE: #1 T.H. WHITFIELD
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 18 3N 26E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
18 3N 26E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 426

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A+241	>77
LATE EOCENE		
MIDDLE EOCENE	+164	229
EARLY EOCENE	-65	165
PALEOCENE	-230	984
CRETACEOUS	-1214	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: G106902 COUNTY: HOUSTON LOCAL WELL NUMBER: ALAHO-3 LAT: 0310710 LONG: 0852450
 OPERATOR: FLOWERS LEASE: #1 P.E. MIXON
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 26E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 26 2N 26E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-40	>231
EARLY EOCENE	-271	233
PALEOCENE	-504	657
CRETACEOUS	-1161	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
279	274	3201

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 0106903 COUNTY: HOUSTON LOCAL WELL NUMBER: ALAHO-4 LAT: 0310040 LONG: 0851950
OPERATOR: UNION LEASE: #1 E.P. KIRKLAND
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 7N 11W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
20 7N 11W X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 186

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-76	100
MIDDLE EOCENE	-176	263
EARLY EOCENE	-439	344
PALEOCENE	-783	604
CRETACEOUS	-1387	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LCN-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	A-76	>100
BOULDER ZONE		
BASE OF SYSTEM	-176	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: D106904 COUNTY: HOUSTON LOCAL WELL NUMBER: ALAMO-5 LAT: 0311540 LONG: 0851626

OPERATOR: LEASE: TOWN OF WEBB, K-4
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 3N 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 6 3N 28E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+277	24
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	+253	302
EARLY EOCENE	-49	192
PALEOCENE	-241	>157
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+277	24
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE
 BOULDER ZONE
 BASE OF SYSTEM
 LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: G106905 COUNTY: HOUSTON LOCAL WELL NUMBER: ALAHO-6 LAT: 0311240 LONG: 0852425
OPERATOR: LAYNE LEASE: DOTHAN CITY WELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 26E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
26 3N 26E X
DEPTH OF WELL (FT.) 868
ELEVATION OF DERRICK FLOOR (FT.) 289
ELEVATION OF GROUND LEVEL (FT.) 289

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A+139	>84
MIDDLE EOCENE	+55	160
EARLY EOCENE	-105	213
PALEOCENE	-318	>261
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+289	12
UPPER CONFINING UNIT, LS SYSTEM	+277	46
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE	+231	31
BOULDER ZONE		
BASE OF SYSTEM	+200	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 0106906 COUNTY: HOUSTON LOCAL WELL NUMBER: ALAHO-7 LAT: 0311755 LONG: 0852048

OPERATOR: PCWELL LEASE: KINSEY, TW #1

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
28 4N 27E X

ELEVATION OF DERRICK FLOOR (FT.) 300
ELEVATION OF GROUND LEVEL (FT.) 300
DEPTH OF WELL (FT.) 260

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+300	40
MIocene		
OLIGOCENE	+260	40
LATE EOCENE	+220	>180
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+300	40
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LGW-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LGW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: G106907 COUNTY: HOUSTON LOCAL WELL NUMBER: ALAMO-8

LAT: 0311405 LONG: 0850710

OPERATOR: LAYNE LEASE: ALA. POWER T'M #2

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 29E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
15 3N 29E X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
181
181
1190

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +181 45
MIOCENE
OLIGOCENE
LATE EOCENE
MIDDLE EOCENE +136 268
EARLY EOCENE -132 282
PALEOCENE -414 455
CRETACEOUS -869

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +181 45

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: C109701 COUNTY: MOBILE LOCAL WELL NUMBER: ALAY081 LAT: 0305615 LONG: 0880225
OPERATOR: CALIFORNIA CO. LEASE: #1 T.J. RESTER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1S 1W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
23 15 X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 686

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+42	550
MIOCENE	-508	490
OLIGOCENE	-998	310
LATE EOCENE	-1308	350
MIDDLE EOCENE	-1658	995
EARLY EOCENE	-2653	546
PALEOCENE	-3200	1998
CRETACEOUS	-5198	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+42	939
UPPER CONFINING UNIT, LS SYSTEM	-897	257
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1154	32
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-1186	122
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1308	59
BOULDER ZONE		
BASE OF SYSTEM	-1367	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: C109702 COUNTY: MOBILE LOCAL WELL NUMBER: ALAM082 LAT: 0302205 LONG: 0821150
OPERATOR: PETERSON LEASE: A1 SOPHIE SMITH
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 8S 2W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
8 2W X X X X X 12 2 9008
STATE GEOLOGICAL SURVEY WELL NUMBER: 545

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+2	1313
MIOCENE	-1311	1246
OLIGOCENE	-2557	650
LATE EOCENE	-3207	170
MIDDLE EOCENE	-3377	380
EARLY EOCENE	-3757	890
PALEOCENE	-4647	1210
CRETACEOUS	-5837	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+2	1313
UPPER CONFINING UNIT, LS SYSTEM	-1311	1617
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-2928	105
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-3033	174
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-3207	132
BOULDER ZONE		
BASE OF SYSTEM	-3339	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 0109703 COUNTY: MOBILE LOCAL WELL NUMBER: ALA083 LAT: 0305842 LONG: 0875800
 OPERATOR: CALIFORNIA CC. LEASE: #1 LADD BROS.
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 10 15 1E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 10 15 1E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 589

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+11	469
MIocene	-458	495
OLIGOCENE	-953	340
LATE EOCENE	-1293	365
MIDDLE EOCENE	-1658	1035
EARLY EOCENE	-2693	586
PALEOCENE	-3279	1664
CRETACEOUS	-4943	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+11	746
UPPER CONFINING UNIT, LS SYSTEM	-735	352
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1087	53
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-1140	153
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1293	29
BOULDER ZONE		
BASE OF SYSTEM	-1322	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 0109704 COUNTY: MOBILE LOCAL WELL NUMBER: ALAM084 LAT: 0310800 LONG: 0880050
OPERATOR: CAUBLE LEASE: #1 BOYKIN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 1E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 2N 1E 1E X
ELEVATION OF DERRICK FLOOR (FT.) 61
ELEVATION OF GROUND LEVEL (FT.) 51
DEPTH OF WELL (FT.) 7502

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A-962	>557
LATE EOCENE	-1519	1040
MIDDLE EOCENE	-2559	1782
EARLY EOCENE	-4341	712
PALEOCENE	-5053	2286
CRETACEOUS	-7339	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-962	>309
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1271	54
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-1325	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 0109705 COUNTY: MOBILE LOCAL WELL NUMBER: ALAM088 LAT: 0305500 LONG: 0881354
 OPERATOR: JETT LEASE: #1 VIZARO
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 3W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 36 15 3W X
 ELEVATION OF DERRICK FLOOR (FT.) 249
 ELEVATION OF GROUND LEVEL (FT.) 239
 DEPTH OF WELL (FT.) 12434

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-1567	>212
MIDDLE EOCENE	-1779	777
EARLY EOCENE	-2556	745
PALEOCENE	-3301	1570
CRETACEOUS	-4871	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-8
BASIC WELL DATA**

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

LOCAL LOW-PERMEABILITY UNIT(S)

3

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+233	879		SURFICAL AQUIFER	+233	1380	
MIOCENE	-646	580		UPPER CONFINING UNIT, LS SYSTEM	-1147	340	
OLIGOCENE	-1226	540		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-1766	280		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1487	130	
MIDDLE EOCENE	-2046	850		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-2896	516		I			
PALEOCENE	-3412	1834		II			
CRETACEOUS	-5246			III			
				IV			
				V	-1617	240	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-1857	189	
				BOULDER ZONE			
				BASE OF SYSTEM	-2046		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1			
				2			
				3			

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 0109708 COUNTY: MOBILE LOCAL WELL NUMBER: ALMO814 LAT: 0304727 LONG: 0881054
OPERATOR: CHESLEY PRUET LEASE: #1 INDIAN SPGS SCHOOL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 16 3S 2W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
16 3S 2W 166
STATE GEOLOGICAL SURVEY WELL NUMBER: 1095

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE A-1658 >25
LATE EOCENE -1683 310
MIDDLE EOCENE -1993 830
EARLY EOCENE -2823 536
PALEOCENE -3359 1495
CRETACEOUS -5163

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -1814

BOULDER ZONE

BASE OF SYSTEM -1954

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: G109709 COUNTY: MOBILE LOCAL WELL NUMBER: ALMO915 LAT: 0304445 LONG: 08E1042
 OPERATOR: SOUTHWESTERN LEASE: #1 CONA MILLER
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 3S 2W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 33 3S 2W X 106 93 12722

STATE GEOLOGICAL SURVEY WELL NUMBER: 825

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
	A-1713	>100	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
LATE EOCENE	-1813	260	SUB-REGIONAL LOW-PERM. UNIT:		
MIDDLE EOCENE	-2073	830	I		
EARLY EOCENE	-2903	556	II		
PALEOCENE	-3459	1764	III		
CRETACEOUS	-5203		IV		
			V	A-1713	>170
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
				-1884	189
			BOULDER ZONE		
			BASE OF SYSTEM		
				-2073	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: C109710 COUNTY: MOBILE LOCAL WELL NUMBER: ALMOB16 LAT: 0304536 LONG: 0880227
OPERATOR: GULF LEASE: #1 U.S. STEEL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3S 1W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
44 3S 1W X
ELEVATION OF DERRICK FLOOR (FT.) 33
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.) 8205

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-975	>371
OLIGOCENE	-1346	385
LATE EOCENE	-1731	305
MIDDLE EOCENE	-2036	770
EARLY EOCENE	-2806	546
PALEOCENE	3352	1784
CRETACEOUS	-5136	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-975	>487
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1462	51
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-1513	349
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1862	153
BOULDER ZONE		
BASE OF SYSTEM	-2015	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 0109711

COUNTY: MOBILE

LOCAL WELL NUMBER: ALP0817

LAT: 0303258 LONG: 0882054

OPERATOR: PLAINS PROD.

LEASE: DALY, #1 FORT

SECTION TOWN- RANGE

SHIP

4W

65

2

DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG

X

ELEVATION OF DERRICK FLOOR (FT.) 99
ELEVATION OF GROUND LEVEL (FT.) 90
DEPTH OF WELL (FT.) 6518

STATE GEOLOGICAL SURVEY WELL NUMBER: 8-326

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE	+90	1400
MIocene	-1310	940
OLIGOCENE	-2250	440
LATE EOCENE	-2690	170
MIDDLE EOCENE	-2860	480
EARLY EOCENE	-3340	971
PALEOCENE	-4311	1394
CRETACEOUS	-5705	

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER	+90	1400
UPPER CONFINING UNIT, LS SYSTEM	-1310	1140
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-2450	54

SUB-REGIONAL LOW-PERM. UNIT:

I		
II		
III		
IV		
V	-2504	206
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2710	77
BOULDER ZONE		
BASE OF SYSTEM	-2787	
LOCAL LOW-PERMEABILITY UNIT(S)		

1

2

3

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BASIC WELL DATA

RECORD NUMBER: G109712 COUNTY: MOBILE LOCAL WELL NUMBER: ALMOB18 LAT: 0303200 LONG: 0880000
OPERATOR: GULF REF. LEASE: #D-2 STATE OF ALA.
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X X X
ELEVATION OF DERRICK FLOOR (FT.) 22
ELEVATION OF GROUND LEVEL (FT.) -10
DEPTH OF WELL (FT.) 11020

STATE GEOLOGICAL SURVEY WELL NUMBER: 313

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	-10	1208
MIocene	-1218	740
OLIGOCENE	-1958	380
LATE EOCENE	-2338	300
MIDDLE EOCENE	-2638	450
EARLY EOCENE	-3088	1043
PALEOCENE	-4131	1187
CRETACEOUS	-5318	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LCW-PERM. UNIT:		
I		
II		
III		
IV		
V	A-226C	>78
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2338	196
BOULDER ZONE		
BASE OF SYSTEM	-2534	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 0109713 COUNTY: MOBILE LOCAL WELL NUMBER: ALMO819 LAT: 0302524 LONG: 0881412
 OPERATOR: MCCLANAHAN LEASE: #2 STAFFORD
 SECTION TOWN-RANGE DATA AVAILABLE
 SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 24 7S 3W X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 328

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+6	1189		SURFICAL AQUIFER	+6	1189	
MIocene	-1183	1244		UPPER CONFINING UNIT, LS SYSTEM	-1183	1471	
OLIGOCENE	-2427	616		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-3043	150		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-2654	230	
MIDDLE EOCENE	-3193	460		SUB-REGIONAL LCW-PERM. UNITS:			
EARLY EOCENE	-3653	891		I			
PALEOCENE	-4544	>875		II			
CRETACEOUS				III			
				IV			
				V	-2884	158	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-3043	106	
				BOULDER ZONE			
				BASE OF SYSTEM	-3149		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1			
				2			
				3			

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BASIC WELL DATA

RECORD NUMBER: 0109714 COUNTY: MOBILE LOCAL WELL NUMBER: ALMOB20 LAT: 0302236 LONG: 0880229
OPERATOR: GULF LEASE: #D-1 STATE OF ALABAMA
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X 20
ELEVATION OF DERRICK FLOOR (FT.) 20
ELEVATION OF GROUND LEVEL (FT.) -10
DEPTH OF WELL (FT.) 10027

STATE GEOLOGICAL SURVEY WELL NUMBER: 310

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	-10	1069
MIOCENE	-1079	1210
OLIGOCENE	-2289	630
LATE EOCENE	-2919	220
MIDDLE EOCENE	-3139	385
EARLY EOCENE	-3524	883
PALEOCENE	-4407	1182
CRETACEOUS	-5589	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	-10	1069
UPPER CONFINING UNIT, LS SYSTEM	-1079	1556
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-2635	92
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-2727	192
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2919	169
BOULDER ZONE		
BASE OF SYSTEM	-3088	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 0109715 COUNTY: MOBILE LOCAL WELL NUMBER: ALM0828 LAT: 0310254 LONG: 0881542
 OPERATOR: JETT LEASE: #A-1 M.L. MOORER
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 1N 3W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 15 1N 3W

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	A-1129	>252	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	-1381	740	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-2121	902	I		
PALEOCENE	-3023	1399	II		
CRETACEOUS	-4422		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: C109901 COUNTY: MONROE LOCAL WELL NUMBER: ALAMON2 LAT: 0311912 LONG: 0873530

OPERATOR: CHERRYVILLE LEASE: #1 GEORGE WILLIAMS

SECTION TOWN-SHIP RANGE DATA AVAILABLE
8 4N 5E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 260
ELEVATION OF GROUND LEVEL (FT.) 244
DEPTH OF WELL (FT.) 15085

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-75 >11
OLIGOCENE -64 170
LATE EOCENE -234 220
MIDDLE EOCENE -454 575
EARLY EOCENE -1029 741
PALEOCENE -1770 1029
CRETACEOUS -2799

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-75 >11
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -64 71

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V -135 99
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -234 61
BOULDER ZONE
BASE OF SYSTEM -295
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: G109902 COUNTY: MONROE LOCAL WELL NUMBER: ALPONT6 LAT: 0311718 LONG: 0874139
 OPERATOR: SUNNYLAND LEASE: #1 C.C. GANTT
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 4N 4E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 29 4N 4E
 STATE GEOLOGICAL SURVEY WELL NUMBER: 520

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICIAL AQUIFER			
MIOCENE				UPPER CONFINING UNIT, LS SYSTEM			
OLIGOCENE	A-321	>84		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-405	240		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)			
MIDDLE EOCENE	-645	590		SUB-REGIONAL LCH-PERM. UNIT:			
EARLY EOCENE	-1235	812		I			
PALEOCENE	-2047	1143		II			
CRETACEOUS	-3190			III			
				IV			
				V	A-321	>84	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
					-405	77	
				BOULDER ZONE			
				BASE OF SYSTEM			
					-482		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1			
				2			
				3			

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BASIC WELL DATA

RECORD NUMBER: 0112901 COUNTY: WASHINGTON LOCAL WELL NUMBER: ALAWAS4 LAT: 0312833 LONG : 0882330

OPERATOR: HUMBLE LEASE: #2 J.R. WILLIAMS

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
21 6N 4W X X X

ELEVATION OF DERRICK FLOOR (FT.) 267
ELEVATION OF GROUND LEVEL (FT.) 257
DEPTH OF WELL (FT.) 15466

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+257	140
MIocene	+107	217
OLIGOCENE	-110	387
LATE EOCENE	-497	186
MIDDLE EOCENE	-683	780
EARLY EOCENE	-1463	880
PALEOCENE	-2343	1175
CRETACEOUS	-3518	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+257	250
UPPER CONFINING UNIT, LS SYSTEM	+7	235
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-228	55
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-283	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 0112902 COUNTY: WASHINGTON LOCAL WELL NUMBER: ALWAS13 LAT: 0312400 LONG: 088130C
 OPERATOR: PAN-AM LEASE: #1 W. SMITH LAND
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL
 18 5N 2W X 137 120 18040

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE	A+59	>312	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-253	280	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	-533	733	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1266	977	I		
PALEOCENE	-2243	1532	II		
CRETACEOUS	-3775		III		
			IV		
			V	+19	272
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
				-253	52
			BOULDER ZONE		
			BASE OF SYSTEM		
				-305	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: 0112903 COUNTY: WASHINGTON LOCAL WELL NUMBER: ALWAS15 LAT: 0313600 LONG: 0882430

OPERATOR: UNION LEASE: #1 HOPKINS

SECTION TOWN-
SHIP RANGE
5 7N 4W

DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 286
ELEVATION OF GROUND LEVEL (FT.) 276
DEPTH OF WELL (FT.) 12218

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE A +191 >225
OLIGOCENE -34 400
LATE EOCENE -434 215
MIDDLE EOCENE -649 935
EARLY EOCENE -1584 914
PALEOCENE -2498 1124
CRETACEOUS -3622

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+191 >330
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -139 59
SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -198

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 0112904 COUNTY: WASHINGTON LOCAL WELL NUMBER: ALWAS21 LAT: 0312148 LONG: 0875500

OPERATOR: HUMBEL LEASE: #1 C.E. HARREL

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
41 5N 2E X

ELEVATION OF DERRICK FLOOR (FT.) 24
ELEVATION OF GROUND LEVEL (FT.) 14
DEPTH OF WELL (FT.) 7710

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-107 >229
OLIGOCENE -336 695
LATE EOCENE -1031 359
MIDDLE EOCENE -1390 941
EARLY EOCENE -2331 803
PALEOCENE -3134 1456
CRETACEOUS -4590

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 0112905 COUNTY: WASHINGTON LOCAL WELL NUMBER: ALWAS26

LAT: 0311245 LONG: 0880110

OPERATOR: PAN-AM LEASE: #1 BILBO

SECTION TOWN- RANGE
SHIP 3N 1E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 54
ELEVATION OF GROUND LEVEL (FT.) 44
DEPTH OF WELL (FT.) 6013

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIOCENE	A-689	>457
OLIGOCENE	-1146	517
LATE EOCENE	-1663	1093
MIDDLE EOCENE	-2756	1594
EARLY EOCENE	-4350	850
PALEOCENE	-5200	>759
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-689	>710
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1400	66
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-1466	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1200101 COUNTY: ALACHUA LOCAL WELL NUMBER: FLAAL-1 LAT: 0294050 LONG: 0822445
OPERATOR: TIDEWATER LEASE: #1 JOSIE PARKER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 19E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
33 75 19E X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 54

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
POST-MIOCENE	+158	SURFICAL AQUIFER	+158
MIocene	+118	UPPER CONFINING UNIT, LS SYSTEM	+118
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	+27	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+27
MIDDLE EOCENE	-205		1533
EARLY EOCENE	-830	SUB-REGIONAL LOW-PERM. UNIT:	
PALEOCENE	-1245	I	
CRETACEOUS	-1780	II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	
		BOULDER ZONE	
		BASE OF SYSTEM	-1506
		LOCAL LOW-PERMEABILITY UNIT(S)	

1
2
3

RECORD NUMBER: 1200102 COUNTY: ALACHUA LOCAL WELL NUMBER: FLAAL-2 LAT: 0294610 LONG : 0822920

OPERATOR: TIDEWATER LEASE: #1 R.M. CATO

SECTION TOWN- RANGE DATA AVAILABLE PALEONTOLOGY ELECTRIC LOG GAMMA LOG

23 8S 18E X X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 49

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+102	29
MIocene		
OLIGOCENE	+73	39
LATE EOCENE	+34	130
MIDDLE EOCENE	-96	820
EARLY EOCENE	-916	390
PALEOCENE	-1306	490
CRETACEOUS	-1796	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+102	29
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+73	1511
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-1438	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

STATE GEOLOGICAL SURVEY WELL NUMBER: 52

HYDROLOGIC UNITS

LOCAL LOW-PERMEABILITY UNIT(S)

1 2 3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER: 238

88

RECORD NUMBER: 1200105 COUNTY: ALACHUA LOCAL WELL NUMBER: FLAAL-7 LAT: 0294500 LONG: 0821018

OPERATOR: CHEVRON LEASE: #1 F S DONALDSON

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 21E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LCG
34 8S 21E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 536

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE		
MIOCENE	A-34	>30
OLIGOCENE		
LATE EOCENE	-64	260
MIDDLE EOCENE	-324	745
EARLY EOCENE	-1069	210
PALEOCENE	-1279	335
CRETACEOUS	-1614	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICIAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-34	>30
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-64	1508
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	-1262	107
2		
3		

RECORD NUMBER: 1200106 COUNTY: ALACHUA LOCAL WELL NUMBER: FLAAL-2 LAT: 0294850 LONG: 0821415
OPERATOR: CHEVRON LEASE: #1 CONTAINER-PECK
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 8S 21E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
7 8S 21E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 709

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIOCENE	A+44	>45
OLIGOCENE		
LATE EOCENE	-1	240
MIDDLE EOCENE	-241	620
EARLY EOCENE	-861	400
PALEOCENE	-1261	450
CRETACEOUS	-1711	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A+44	>45
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1	1571
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	1224	97
2		
3		

RECORD NUMBER: 1200107 COUNTY: ALACHUA LOCAL WELL NUMBER: FLAAL-9 LAT: 0294535 LONG: 0822400
 OPERATOR: PIPPIN LEASE: #1 DEERHAVEN-FL POWER
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 8S 19E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 26 8S 19E X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 13898

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+180	10		SURFICAL AQUIFER	+180	10	
MIocene	+170	100		UPPER CONFINING UNIT, LS SYSTEM	+170	100	
OLIGOCENE				LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	+70	203		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+70	1471	
MIDDLE EOCENE	-133	722		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-855	308		I			
PALEOCENE	-1163	512		II			
CRETACEOUS	-1675			III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM	-1401		
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

RECORD NUMBER: 1200301 COUNTY: BAKER LOCAL WELL NUMBER: FLABA-1 LAT: 0302915 LONG: 0821915

OPERATOR: HUNT LEASE: #1 FEE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1N 20E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
21 1N 20E X X X X

ELEVATION OF DERRICK FLOOR (FT.) 134
ELEVATION OF GROUND LEVEL (FT.) 124
DEPTH OF WELL (FT.) 3348

STATE GEOLOGICAL SURVEY WELL NUMBER: 59

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+124	30
MIocene	+94	290
OLIGOCENE		
LATE EOCENE	-196	390
MIDDLE EOCENE	-586	503
EARLY EOCENE	-1089	489
PALEOCENE	-1578	390
CRETACEOUS	-1968	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+124	30
UPPER CONFINING UNIT, LS SYSTEM	+94	290
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-196	1519
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

-1715

LOCAL LOW-PERMEABILITY UNIT(S)

1	-1075	175
2	-1465	113
3		

STATE GEOLOGICAL SURVEY WELL NUMBER:

1 2 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1200303 COUNTY: BAKER LOCAL WELL NUMBER: FLABA-3 LAT: 0300945 LONG : 0822740

OPERATOR: NAT. TURP. LEASE: #1 FEE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4S 19E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
7 4S 19E X X X X X

ELEVATION OF DERRICK FLOOR (FT.) 155
ELEVATION OF GROUND LEVEL (FT.) 145
DEPTH OF WELL (FT.) 3043

STATE GEOLOGICAL SURVEY WELL NUMBER: 59

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+115	>183
OLIGOCENE		
LATE EOCENE	-68	261
MIDDLE EOCENE	-329	555
EARLY EOCENE	-884	375
PALEOCENE	-1259	444
CRETACEOUS	-1703	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UPPER CONFINING UNIT, LS SYSTEM	A+115	>183
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-68	1426
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+115 >183

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -68 1426

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1494

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1200304 COUNTY: BAKER LOCAL WELL NUMBER: FLABA-4 LAT: 0301535 LONG: 0821620
 OPERATOR: USGS LEASE: SANDERSON TH
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 3S 20E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 1 3S 20E

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+158	84
MIOCENE	+74	224
OLIGOCENE		
LATE EOCENE	-150	322
MIDDLE EOCENE	-472	>92
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+158	84
UPPER CONFINING UNIT, LS SYSTEM	+74	224
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-150	>414
SUB-REGIONAL LOW-PERM. UNIT:		

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

LAT: 0301242 LONG : 0854515

ELEVATION OF

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
7	2	7003

20

933

1 2 3

RECORD NUMBER: 1200502 COUNTY: BAY LOCAL WELL NUMBER: FLABAY2 LAT: 0302639 LONG : 0852930

OPERATOR: WILLIAMS LEASE: #1 E L JORDAN

SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 1N 12W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 130
 ELEVATION OF GROUND LEVEL (FT.) 126
 DEPTH OF WELL (FT.) 4612

STATE GEOLOGICAL SURVEY WELL NUMBER: 257

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene

OLIGOCENE A-228 >185
 LATE EOCENE -413 455
 MIDDLE EOCENE -868 635
 EARLY EOCENE -1503 695
 PALEOCENE -2198 480
 CRETACEOUS -2678

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-228 >61

SUB-REGIONAL LOW-PERM. UNIT:

I
 II
 III
 IV
 V -289 124
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE -413 526

BASE OF SYSTEM -939

LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

RECORD NUMBER: 1200503 COUNTY: BAY LOCAL WELL NUMBER: FLABAY3 LAT: 0302224 LONG: 0854342

OPERATOR: TEMPLE LEASE: #1 C C MOORE

SECTION TOWN-
SHIP RANGE
27 1S 15WCUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
DATA AVAILABLE
XELEVATION OF DERRICK FLOOR (FT.) 59
ELEVATION OF GROUND LEVEL (FT.) 54
DEPTH OF WELL (FT.) 5021

STATE GEOLOGICAL SURVEY WELL NUMBER: 155

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene	A-165	>26
OLIGOCENE	-191	400
LATE EOCENE	-591	345
MIDDLE EOCENE	-936	465
EARLY EOCENE	-1401	825
PALEOCENE	-2226	755
CRETACEOUS	-2981	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM	A-165	>26
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-191	233

SUB-REGIONAL LOW-PERM. UNIT:

I		
II		
III		
IV		
V	-524	67
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE	-591	169
BOULDER ZONE		
BASE OF SYSTEM	-760	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1200504 COUNTY: BAY LOCAL WELL NUMBER: FLABAY4 LAT: 0301315 LONG: 0853109
 OPERATOR: TEMPLE LEASE: #1 GRAGG LUMBER
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 13W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 14 3S 13W X
 ELEVATION OF DERRICK FLOOR (FT.) 58
 ELEVATION OF GROUND LEVEL (FT.) 52
 DEPTH OF WELL (FT.) 5010

STATE GEOLOGICAL SURVEY WELL NUMBER: 173

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
 (MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE A-171 >340

LATE EOCENE -511 500

MIDDLE EOCENE -1011 480

EARLY EOCENE -1491 866

PALEOCENE -2357 704

CRETACEOUS -3061

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
 (MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-171 >840

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1011

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

-710

7C

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1200505 COUNTY: BAY LOCAL WELL NUMBER: FLABAYS LAT: 0301445 LONG: 0852800

OPERATOR: PURE LEASE: #4 INT'L PAPER

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 35 12W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
8 35 12W X

ELEVATION OF DERRICK FLOOR (FT.) 65
ELEVATION OF GROUND LEVEL (FT.) 51
DEPTH OF WELL (FT.) 4960

STATE GEOLOGICAL SURVEY WELL NUMBER: 6

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-127 >117
OLIGOCENE -244 315
LATE EOCENE -559 465
MIDDLE EOCENE -1024 560
EARLY EOCENE -1584 745
PALEOCENE -2329 705
CRETACEOUS -3034

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-127 >897
SUB-REGIONAL LCH-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1024

LOCAL LOW-PERMEABILITY UNIT(S)

1 -244 20
2 -630 110
3

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

RECORD NUMBER: 120C506 COUNTY: BAY LOCAL WELL NUMBER: FLABAY6 LAT: 0302400 LONG: 0852906

OPERATOR: FLAMINGO LEASE: #1 E L JORDAN

SECTION 18 15 12W RANGE 12W

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
DATA AVAILABLE
X

ELEVATION OF DERRICK FLOOR (FT.) 134
ELEVATION OF GROUND LEVEL (FT.) 130
DEPTH OF WELL (FT.) 5004

STATE GEOLOGICAL SURVEY WELL NUMBER: 246

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

POST-MIOCENE

MIOCENE

OLIGOCENE	A-255	>355
LATE EOCENE	-610	440
MIDDLE EOCENE	-1050	455
EARLY EOCENE	-1505	775
PALEOCENE	-2280	435
CRETACEOUS	-2715	

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-255 >230

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

-485 125

LOWER MAJOR PERMEABLE ZONE -610 440

BOULDER ZONE

BASE OF SYSTEM -1050

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 120G507 COUNTY: BAY LOCAL WELL NUMBER: FLABAY7 LAT: 0302118 LONG: 0852500

OPERATOR: TEMPLE LEASE: #1 M L ARNSPERGER

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1S 12W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
35 1S 12W X

ELEVATION OF DERRICK FLOOR (FT.) 75
ELEVATION OF GROUND LEVEL (FT.) 70
DEPTH OF WELL (FT.) 4834

STATE GEOLOGICAL SURVEY WELL NUMBER: 172

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-76	>178
OLIGOCENE	-254	388
LATE EOCENE	-642	572
MIDDLE EOCENE	-1214	510
EARLY EOCENE	-1724	660
PALEOCENE	-2384	360
CRETACEOUS	-2744	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-76	>68
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-144	950
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

-1094

LOCAL LOW-PERMEABILITY UNIT(S)

1	-254	63
2		
3		

RECORD NUMBER: 1200701 COUNTY: BRADFORD LOCAL WELL NUMBER: FLABRA1 LAT: 0293750 LONG: 0821735
OPERATOR: TIDEWATER LEASE: #1 M F WIGGINS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 15 6S 20E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
15 6S 20E X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 41

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE	A+47	>120	UPPER CONFINING UNIT, LS SYSTEM	A+47	>120
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-63	275	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-63	1513
MIDDLE EOCENE	-338	600			
EARLY EOCENE	-938	480	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-1418	387	I		
CRETACEOUS	-1805		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	-1576	
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1200702 COUNTY: BRADFORD LOCAL WELL NUMBER: FLABRA2 LAT: 0295620 LONG: 0820635
OPERATOR: LEASE: CITY OF STARKE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
28 6N 22E X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 6261

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+165	52
MIOCENE	+113	214
OLIGOCENE		
LATE EOCENE	-101	>17
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+165	52
UPPER CONFINING UNIT, LS SYSTEM	+113	214
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP CF SYSTEM)	-101	>17
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1200703 COUNTY: BRADFORD LOCAL WELL NUMBER: FLABRA3 LAT: 0300815 LONG: 0820345
 OPERATOR: INEXCO LEASE: #1 GILMAN PAPER CO
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 4S 22E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 24 4S 22E X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 465

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICAL AQUIFER			
MIocene	A-176	>13		UPPER CONFINING UNIT, LS SYSTEM	A-176	>13	
OLIGOCENE				LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-189	295		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-189	344	
MIDDLE EOCENE	-484	470		SUB-REGIONAL LCW-PERM. UNIT:			
EARLY ECCENE	-954	490		I	-533	87	
PALEOCENE	-1444	410		II			
CRETACEOUS	-1854			III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-620	1040	
				BOULDER ZONE			
				BASE OF SYSTEM	-1660		
				LOCAL LCW-PERMEABILITY UNIT(S)			
				1	-1030	140	
				2	-1355	210	
				3			

RECORD NUMBER: 1201101 COUNTY: BROWARD LOCAL WELL NUMBER: FLABR01 LAT: 0261422 LONG : 0801255
OPERATOR: LAM ASSOC LEASE: MARGATE UTILITIES
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 36 48S 41E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
36 48S 41E

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+36	230	SURFICAL AQUIFER	+36	230
MIOCENE	-194	690	UPPER CONFINING UNIT, LS SYSTEM	-194	690
OLIGOCENE	-884	130	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-884	254
MIDDLE EOCENE	-1014	1055	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-2069	>1174	I	-1138	670
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI	-1959	110
			VII		
			VIII	-2804	211
			LOWER MAJOR PERMEABLE ZONE	-1808	>1434
			BOULDER ZONE	-3015	>227
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2	-2578	101
			3		

RECORD NUMBER: 1201102 COUNTY: BROWARD LOCAL WELL NUMBER: FLAB02 LAT: 0261016 LONG: 0804926
 OPERATOR: USGS LEASE: ALLIGATOR ALLEY T H
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+14	124
MIocene	-138	634
OLIGOCENE	-772	192
LATE EOCENE	-964	150
MIDDLE EOCENE	-1114	970
EARLY EOCENE	-2084	>711
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+14	48
UPPER CONFINING UNIT, LS SYSTEM	-34	900
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-934	190
SUB-REGIONAL LOW-PERM. UNIT:		
I	-1124	404
II		
III		
IV		
V		
VI	-1744	620
VII		
VIII	-2704	>2
LOWER MAJOR PERMEABLE ZONE	-1528	>1267
BOULDER ZONE	-2776	>19
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1201301 COUNTY: CALFORNIA LOCAL WELL NUMBER: FLACAL1 LAT: 0303151 LONG: 0851039
OPERATOR: BYERS LEASE: #1 HARDAWAY CONSN.
SECTION TOWN-SHIP RANGE DATA AVAILABLE
31 2N 9W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 70

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER					
POST-MIOCENE					
MIOCENE	A+135	>89	UPPER CONFINING UNIT, LS SYSTEM	A+135	>89
OLIGOCENE	+46	210	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-164	390	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+46	970
MIDDLE EOCENE	-554	655	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1209	705	I		
PALEOCENE	-1914	410	II		
CRETACEOUS	-2324		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
				-924	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: 1201302
COUNTY: CALHOUN
LEASE: #2 E L JORDAN
SECTION TOWN- RANGE
SHIP 11W
32 1N
STATE GEOLOGICAL SURVEY WELL NUMBER: 184

LOCAL WELL NUMBER: FLACAL2
LAT: 0302621
LONG: 0852436

OPERATOR: SUN
DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

OPERATION OF DERRICK FLOOR (FT.) 159
ELEVATION OF GROUND LEVEL (FT.) 151
DEPTH OF WELL (FT.) 4611

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HYDROLOGIC UNITS
SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM): A-530 >690
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII

POST-MIOCENE
MIOCENE
OLIGOCENE
LATE EOCENE A-530 >340
MIDDLE EOCENE -870 670
EARLY EOCENE -1540 625
PALEOCENE -2165 495
CRETACEOUS -2660

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -1220
LOCAL LOW-PERMEABILITY UNIT(S)
1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1201303 COUNTY: CALHOUN LOCAL WELL NUMBER: FLACAL4 LAT: 0302645 LONG: 0851724

OPERATOR: SUN LEASE: #1 E L JORDAN

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1N 11W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
36 1N 11W X

ELEVATION OF DERRICK FLOOR (FT.) 160
ELEVATION OF GROUND LEVEL (FT.) 152
DEPTH OF WELL (FT.) 5002

STATE GEOLOGICAL SURVEY WELL NUMBER: 149

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-46	>98
OLIGOCENE	-144	270
LATE EOCENE	-414	545
MIDDLE EOCENE	-959	550
EARLY EOCENE	-1509	660
PALEOCENE	-2169	480
CRETACEOUS	-2649	

SURFICIAL AQUIFER

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UPPER CONFINING UNIT, LS SYSTEM	A-46	>57
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-103	1344
SUB-REGIONAL LOW-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1447

LOCAL LOW-PERMEABILITY UNIT(S)

1	-144	66
2		
3		

RECORD NUMBER: 1201304 COUNTY: CALHOUN LOCAL WELL NUMBER: FLACAL6 LAT: 0302245 LONG: 0851510
 OPERATOR: PURE LEASE: #2 INT'L PAPER
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 31 1S 10W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 107 93 5096

STATE GEOLOGICAL SURVEY WELL NUMBER: 26

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

POST-MIOCENE

MIOCENE A-82 >210
 OLIGOCENE -292 390
 LATE EOCENE -682 580
 MIDDLE EOCENE -1262 465
 EARLY EOCENE -1727 640
 PALEOCENE -2367 340
 CRETACEOUS -2707

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-82 >260
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE
 (TOP OF SYSTEM) -342 1144
 SUB-REGIONAL LOW-PERM. UNIT:

I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1486

LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1201305 COUNTY: CALHOUN LOCAL WELL NUMBER: FLACAL7 LAT: 0301845 LONG: 0851500
OPERATOR: TEMPLE LEASE: #1 INT'L PAPER CO
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2S 10W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
16 2S 10W 84 79 4680

STATE GEOLOGICAL SURVEY WELL NUMBER: 195

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-240 -325 >85
OLIGOCENE -325 335
LATE EOCENE -660 605
MIDDLE EOCENE -1265 560
EARLY EOCENE -1805 690
PALEOCENE -2495 280
CRETACEOUS -2775

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-240 >20
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -260 1185

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1 -325 50
2
3

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICAL AQUIFER			
MIocene	A-55	>741		UPPER CONFINING UNIT, LS SYSTEM	A-55	>851	
OLIGOCENE	-796	200		LIMESTONE AQUIFER SYSTEM:			
LATE ECCENE	-996	288		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-906	1098	
MIDDLE EOCENE	-1284	992		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-2240	1334		I			
PALEOCENE	-3574	1891		II			
CRETACEOUS	-5465			III			
				IV			
				V			
				VI	-2004	236	
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-2240	1790	
				BOULDER ZONE			
				BASE OF SYSTEM	-4030		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1	-1033	167	
				2	-3340	115	
				3			

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BASIC WELL DATA

RECORD NUMBER: 1201502 COUNTY: CHARLOTTE LOCAL WELL NUMBER: FLACHA3 LAT: 0265550 LONG: 0813940
OPERATOR: EXCHANGE LEASE: #1 C S PAYSON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 41S 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
7 41S 27E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 459

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>1850

A-3509

-5359

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

A-3509

>441

BOULDER ZONE

BASE OF SYSTEM

-3950

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1201503 COUNTY: CHARLOTTE LOCAL WELL NUMBER: FLACHA4 LAT: 0265550 LONG: 0814925
OPERATOR: EXCHANGE-SHELL LEASE: #1 FLA ST LSE 224-8
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 41S 25E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
9 41S 25E X
ELEVATION OF DERRICK FLOOR (FT.) 56
ELEVATION OF GROUND LEVEL (FT.) 4C
DEPTH OF WELL (FT.) 13236

STATE GEOLOGICAL SURVEY WELL NUMBER: 475

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICIAL AQUIFER	
MIocene	A-152	UPPER CONFINING UNIT, LS SYSTEM	A-152
OLIGOCENE	704	LIMESTONE AQUIFER SYSTEM:	>652
LATE EOCENE	-956	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	>551
MIDDLE EOCENE	-1246		
EARLY EOCENE		SUB-REGIONAL LOW-PERM. UNIT:	

PALEOCENE	A-3603	I	
CRETACEOUS	-5292	II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -3933
LOCAL LOW-PERMEABILITY UNIT(S)
1 -994 252
2
3

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RECORD NUMBER: 1201504 COUNTY: CHARLOTTE LOCAL WELL NUMBER: FLACHAS LAT: 0264820 LONG: 0815220

OPERATOR: GULF LEASE: #1 STEVENS ESTATE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 42S 24E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
24 42S 24E X

ELEVATION OF DERRICK FLOOR (FT.) 44
ELEVATION OF GROUND LEVEL (FT.) 25
DEPTH OF WELL (FT.) 12395

STATE GEOLOGICAL SURVEY WELL NUMBER: 310

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-541 >235
OLIGOCENE -776 267
LATE EOCENE -1043 306
MIDDLE EOCENE -1349 1071
EARLY EOCENE -2420 1185
PALEOCENE -3605 1905
CRETACEOUS -5510

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-541 >369
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -910 1276
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

350

LOWER MAJOR PERMEABLE ZONE

1534

BOULDER ZONE

BASE OF SYSTEM

-4070

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

-1043 306
-3302 130

RECORD NUMBER: 1201505 COUNTY: CHARLOTTE LOCAL WELL NUMBER: FLACHA6 LAT: 0265210 LONG: 0821100
 OPERATOR: GULF LEASE: #1 VANDERBILT
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 35. 41S 21E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 STATE GEOLOGICAL SURVEY WELL NUMBER: 178

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+6	35
MIOCENE	-29	654
OLIGOCENE	-683	346
LATE EOCENE	-1029	153
MIDDLE EOCENE	-1182	1180
EARLY EOCENE	-2362	1055
PALEOCENE	-3417	2035
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+6	35
UPPER CONFINING UNIT, LS SYSTEM	-29	654
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-683	995
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II	-1678	207
III		
IV		
V		
VI	-2229	180
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1885	2183
BOULDER ZONE		
BASE OF SYSTEM	-4068	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-2338	24
2	-3054	142
3		

RECORD NUMBER: 1201506 COUNTY: CHARLOTTE LOCAL WELL NUMBER: FLACHA7 LAT: 0265336 LONG: 0815609

OPERATOR: KIRBY

LEASE: #1 FLA ST LSE 13C7

SECTION TOWN-
SHIP RANGE
20 41S 24E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 40
ELEVATION OF GROUND LEVEL (FT.) 25
DEPTH OF WELL (FT.) 11502

STATE GEOLOGICAL SURVEY WELL NUMBER: 683

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

POST-MIOCENE

MIocene	A-193	>441
OLIGOCENE	-634	300
LATE EOCENE	-934	290
MIDDLE EOCENE	-1224	1165
EARLY EOCENE	-2389	>862
PALEOCENE	A-3619	>1945
CRETACEOUS	-5564	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-193 >552

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -745 1355

SUB-REGIONAL LCW-PERM. UNIT:

I		
II		
III		
IV		
V		
VI	-2100	289
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -2389 1716

BOULDER ZONE

BASE OF SYSTEM -4105

LOCAL LOW-PERMEABILITY UNIT(S)

1	-934	290
2	-3050	115
3		

RECORD NUMBER: 1201507 COUNTY: CHARLOTTE LOCAL WELL NUMBER: FLACHAE LAT: 0265034 LONG: 0822434
OPERATOR: MOBIL LEASE: #1 FLA ST LSE 224
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
X X X X X 63 -5 12921

STATE GEOLOGICAL SURVEY WELL NUMBER: 375

GEOLOGIC UNITS		HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE	-5	10	SURFICAL AQUIFER	-5	10
MIocene	-15	482	UPPER CONFINING UNIT, LS SYSTEM	-15	482
OLIGOCENE	-497	179	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-676	260	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-497	1194
MIDDLE EOCENE	-936	1270			
EARLY EOCENE	-2206	1070	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-3276	1910	I		
CRETACEOUS	-5186		II	-1691	246
			III		
			IV		
			V		
			VI	-2067	186
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1936	1970
			BOULDER ZONE		
			BASE OF SYSTEM	-3906	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	-3006	122
			2		
			3		

RECORD NUMBER: 1201508 COUNTY: CHARLOTTE LOCAL WELL NUMBER: FLACHA9 LAT: 0264810 LONG : 0814205
OPERATOR: EXCHANGE LEASE: #1 BABCOCK FLORIDA
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 42S 26E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
22 42S 26E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 472

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE	A-3666	>181
CRETACEOUS	-5483	

HYDROLOGIC UNITS

UNIT

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
LOWER MAJOR PERMEABLE ZONE	A-3666	>364
BOULDER ZONE		
BASE OF SYSTEM	-4030	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1201509 COUNTY: CHARLOTTE LOCAL WELL NUMBER: FLCHT10 LAT: 0270046 LONG: 0815541

OPERATOR: U S GYPSUM LEASE: #1 HUDSON

SECTION TOWN- RANGE DATA AVAILABLE

9 SHIP 4CS 24E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 X X X X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+25	65
MIOCENE	-40	645
OLIGOCENE	-685	280
LATE EOCENE	-965	270
MIDDLE EOCENE	-1235	1170
EARLY EOCENE	-2405	>70

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+25	65
UPPER CONFINING UNIT, LS SYSTEM	-40	715
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-755	1330
SUB-REGIONAL LOW-PERM. UNIT:		

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	-965	270
2	-1285	135
3	-1490	85

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1201701 COUNTY: CITRUS LOCAL WELL NUMBER: FLACI-1 LAT: 0290010 LONG: 0862620

OPERATOR: MOBIL LEASE: #1 CAMP PHOSPHATE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 17S 18E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
12 17S 18E X X X X

ELEVATION OF DERRICK FLOOR (FT.) 115
ELEVATION OF GROUND LEVEL (FT.) 106
DEPTH OF WELL (FT.) 4493

STATE GEOLOGICAL SURVEY WELL NUMBER: 358

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-623	>570
EARLY EOCENE	-1194	615
PALEOCENE	-1809	695
CRETACEOUS	-2504	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-623	>36
SUB-REGIONAL LOW-PERM. UNIT:		
I	-659	176
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-835	1285
BOULDER ZONE		
BASE OF SYSTEM	-2120	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-1070	160
2	-1480	165
3		

RECORD NUMBER: 1201703 COUNTY: CITRUS LOCAL WELL NUMBER: FLACI-3 LAT: 0285800 LONG : 0823830
OPERATOR: MOBIL LEASE: #1 HARBOND
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 17S 16E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 17S 16E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 353

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-704	>672
-1376	560
-1936	545
-2481	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

STATE GEOLOGICAL SURVEY WELL NUMBER: 382

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
(MSL)		
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102
103	104	105
106	107	108
109	110	111
112	113	114
115	116	117
118	119	120
121	122	123
124	125	126
127	128	129
130	131	132
133	134	135
136	137	138
139	140	141
142	143	144
145	146	147
148	149	150
151	152	153
154	155	156
157	158	159
160	161	162
163	164	165
166	167	168
169	170	171
172	173	174
175	176	177
178	179	180
181	182	183
184	185	186
187	188	189
190	191	192
193	194	195
196	197	198
199	200	201
202	203	204
205	206	207
208	209	210
211	212	213
214	215	216
217	218	219
220	221	222
223	224	225
226	227	228
229	230	231
232	233	234
235	236	237
238	239	240
241	242	243
244	245	246
247	248	249
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
292	293	294
295	296	297
298	299	300
301	302	303
304	305	306
307	308	309
310	311	312
313	314	315
316	317	318
319	320	321
322	323	324
325	326	327
328	329	330
331	332	333
334	335	336
337	338	339
340	341	342
343	344	345
346	347	348
349	350	351
352	353	354
355	356	357
358	359	360
361	362	363
364		

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE

SECRET

515

655

RECORD NUMBER: 1201901 COUNTY: CLAY LOCAL WELL NUMBER: FLACL-1 LAT: 0300040 LONG: 0814715

OPERATOR: HUMBLE LEASE: #1 FOREMOST PROPERTIES

SECTION TOWN-RANGE DATA AVAILABLE
SHIP 6S 25E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
4 6S 25E X X X X

ELEVATION OF DERRICK FLOOR (FT.) 115
ELEVATION OF GROUND LEVEL (FT.) 105
DEPTH OF WELL (FT.) 5862

STATE GEOLOGICAL SURVEY WELL NUMBER: 50

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+105	46
MIocene	+59	397
OLIGOCENE	-338	30
LATE EOCENE	-368	127
MIDDLE EOCENE	-495	828
EARLY EOCENE	-1323	330
PALEOCENE	-1653	595
CRETACEOUS	-2248	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+105	46
UPPER CONFINING UNIT, LS SYSTEM	+59	397
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-338	274
SUB-REGIONAL LOW-PERM. UNIT:		
I	-612	86
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -698 1171

BOULDER ZONE

BASE OF SYSTEM -1869

LOCAL LOW-PERMEABILITY UNIT(S)

1 -1572 171

2

3

RECORD NUMBER: 1201902 COUNTY: CLAY LOCAL WELL NUMBER: FLACL-7 LAT: 0300345 LONG : 0820200

OPERATOR: DUPONT LEASE: #1 WASTE DISP WELL

SECTION TOWN- RANGE DATA AVAILABLE
SHIP SS 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 306

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SECTION TOWN- RANGE DATA AVAILABLE
SHIP SS 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 306

PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

SECTION TOWN- RANGE DATA AVAILABLE
SHIP SS 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 306

PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

SECTION TOWN- RANGE DATA AVAILABLE
SHIP SS 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 306

PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

SECTION TOWN- RANGE DATA AVAILABLE
SHIP SS 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 306

PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

SECTION TOWN- RANGE DATA AVAILABLE
SHIP SS 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 306

RECORD NUMBER: 1201904 COUNTY: CLAY LOCAL WELL NUMBER: FLACL-9 LAT: 0294645 LONG: 0815635

OPERATOR: LEASE: LAKE GENEVA DATA AVAILABLE
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP 27 85 23E X X
247

STATE GEOLOGICAL SURVEY WELL NUMBER: 5321

GEOLOGIC UNITS ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +144 52 SURFICAL AQUIFER +144 52
MIOCENE +92 166 UPPER CONFINING UNIT, LS SYSTEM +92 166
OLIGOCENE LIMESTONE AQUIFER SYSTEM:
LATE EOCENE -74 >29 UPPER MAJOR PERMEABLE ZONE
MIDDLE EOCENE -74 >29 (TOP OF SYSTEM)

EARLY EOCENE SUB-REGIONAL LOW-PERM. UNIT:
PALEOCENE I
CRETACEOUS II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1202101 COUNTY: COLLIER LOCAL WELL NUMBER: FLACOL1 LAT: 0262920 LONG: 0812100
OPERATOR: SUN LEASE: #1 ALICO LAND DEVEL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
8 46S 30E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 361

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	
MIDDLE EOCENE		SUB-REGIONAL LOW-PERM. UNIT:	
EARLY EOCENE			

PALEOCENE	A-3484	I	
CRETACEOUS	-5571	II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	

LOWER MAJOR PERMEABLE ZONE	A-3484	>552
BOULDER ZONE		
BASE OF SYSTEM	-4036	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1202102 COUNTY: COLLIER LOCAL WELL NUMBER: FLACOL2 LAT: 0261840 LONG: 0813215
OPERATOR: GULF AMERICAN LEASE: #1 EAST GATE LAND
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 485 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
16 485 28E X
DEPTH OF WELL (FT.) 12020
ELEVATION OF DERRICK FLOOR (FT.) 35
ELEVATION OF GROUND LEVEL (FT.) 18

STATE GEOLOGICAL SURVEY WELL NUMBER: 365

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICAL AQUIFER	
MIOCENE		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	
MIDDLE EOCENE		SUB-REGIONAL LCW-PERM. UNIT:	
EARLY EOCENE		I	
PALEOCENE	A-3766 >1798	II	
CRETACEOUS	-5564	III	
		IV	
		V	
		VI	
		VII	
		VIII	

LOWER MAJOR PERMEABLE ZONE	A-3766	>283
BOULDER ZONE		
BASE OF SYSTEM	-4049	
LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1202103 COUNTY: COLLIER LOCAL WELL NUMBER: FLACOLS LAT: 0260510 LONG: 0814145
OPERATOR: HUMBLE LEASE: #1 COLLIER CORP
SECTION TOWN- DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
27 50S 26E X X X X 25 7 12516

STATE GEOLOGICAL SURVEY WELL NUMBER: 130

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+7	205	SURFICAL AQUIFER	+7	205
MIocene	-198	792	UPPER CONFINING UNIT, LS SYSTEM	-198	830
OLIGOCENE	-990	268	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-1258	415	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1028	1729
MIDDLE EOCENE	-1673	950			
EARLY EOCENE	-2623	815	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-3438	2025	I		
CRETACEOUS	-5463		II		
			III		
			IV		
			V		
			VI	-2355	268
			VII		
			VIII	-2757	277
			LOWER MAJOR PERMEABLE ZONE	-3034	994
			BOULDER ZONE	-3034	404
			BASE OF SYSTEM	-4028	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	-1185	428
			2		
			3		

RECORD NUMBER: 1202105 COUNTY: COLLIER LOCAL WELL NUMBER: FLACOL7 LAT: 0261550 LONG: 0812200
OPERATOR: MORC LEASE: #2 GULF COAST REALTIE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 30E 30E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
30 485 30E X
ELEVATION OF DERRICK FLOOR (FT.) 34
ELEVATION OF GROUND LEVEL (FT.) 17
DEPTH OF WELL (FT.) 13472

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+17	31
MIocene	-14	577
OLIGOCENE	-591	359
LATE EOCENE	-950	413
MIDDLE EOCENE	-1363	826
EARLY EOCENE	-2249	1095
PALEOCENE	-3344	2112
CRETACEOUS	-5456	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+17	31
UPPER CONFINING UNIT, LS SYSTEM	-14	734
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-748	1048
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI	-1796	623
VII		
VIII	-2845	330
LOWER MAJOR PERMEABLE ZONE	-2419	1561
BOULDER ZONE		
BASE OF SYSTEM	-3980	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1202106 COUNTY: COLLIER LOCAL WELL NUMBER: FLCCL11 LAT: 0262225 LONG: 0813130
 OPERATOR: HRC LEASE: #1-C GULF COAST RLTY
 SECTION TCWN- RANGE DATA AVAILABLE
 SHIP 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 21 47S 28E X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 86

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE		
MIOCENE	A-39	>651
OLIGOCENE	-690	242
LATE EOCENE	-932	284
MIDDLE EOCENE	-1216	1076
EARLY EOCENE	-2292	1100
PALEOCENE	-3392	2115
CRETACEOUS	-5507	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-39	>789
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-828	1365
SUB-REGIONAL LCM-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI	-2193	225
VII		
VIII	-2757	330
LOWER MAJOR PERMEABLE ZONE	-2418	1594
BOULDER ZONE		
BASE OF SYSTEM	-4012	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-971	192
2		
3		

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RECORD NUMBER: 1202107 COUNTY: COLLIER LOCAL WELL NUMBER: FLCCL13 LAT: 0262740 LONG: 0812645
OPERATOR: MCCULLOUGH LEASE: A1 COLLIER DEVELOPMENT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 46S 29E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
20 46S 29E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 379

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE
MIOCENE
OLIGOCENE
LATE EOCENE
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE A-3546 >2040
CRETACEOUS -5586

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE A-3546 >531
BOULDER ZONE
BASE OF SYSTEM -4077
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1202108 COUNTY: COLLIER LOCAL WELL NUMBER: FLCCL17 LAT: 0262440 LONG: 0812645

OPERATOR: MORC LEASE: #1 J A CURRY

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 47S 29E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
8 47S 29E X X

ELEVATION OF DERRICK FLOOR (FT.) 45
ELEVATION OF GROUND LEVEL (FT.) 28
DEPTH OF WELL (FT.) 11938

STATE GEOLOGICAL SURVEY WELL NUMBER: 222

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-252 >510
OLIGOCENE -762 180
LATE EOCENE -942 280
MIDDLE EOCENE -1222 1113
EARLY EOCENE -2335 1138
PALEOCENE -3473 2134
CRETACEOUS -5607

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-252 >613
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -865 1170
SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1 -925 210
2
3

-2035 485
-2894 280
-2520 1569
-3174 237
-4089

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RECORD NUMBER: 1202109 COUNTY: COLLIER LOCAL WELL NUMBER: FLCCL18 LAT: 0261640 LONG: 0812030
OPERATOR: MORG LEASE: #7 GULF COAST REALTIE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 48S 30E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
17 48S 30E X
ELEVATION OF DERRICK FLOOR (FT.) 34
ELEVATION OF GROUND LEVEL (FT.) 17
DEPTH OF WELL (FT.) 11795

STATE GEOLOGICAL SURVEY WELL NUMBER: 23

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A-960	>26
LATE EOCENE	-986	295
MIDDLE EOCENE	-1281	1C15
EARLY EOCENE	-2296	1153
PALEOCENE	-3449	2097
CRETACEOUS	-5546	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-960	>906
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI	-1866	498
VII		
VIII	-1866	498
LOWER MAJOR PERMEABLE ZONE	-2364	1756
BOULDER ZONE	-3165	145
BASE OF SYSTEM	-4120	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-986	140
2		
3		

RECORD NUMBER: 1202110 COUNTY: COLLIER LOCAL WELL NUMBER: FLCCL19 LAT: 0260021 LONG: 0813918
 OPERATOR: WEINER LEASE: #1 COLLIER-READ
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 26E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 24 51S 26E X
 ELEVATION OF DERRICK FLOOR (FT.) 20
 ELEVATION OF GROUND LEVEL (FT.) 3
 DEPTH OF WELL (FT.) 12701

STATE GEOLOGICAL SURVEY WELL NUMBER: 663

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
 (MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>1720

A-3639

-5359

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
 (MSL)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
 (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE A-3639 >361

BOULDER ZONE

BASE OF SYSTEM

-4000

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

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RECORD NUMBER: 1202111 COUNTY: COLLIER LOCAL WELL NUMBER: FLCCL22 LAT: 0260645 LONG: 081181C
OPERATOR: WAINOCO LEASE: #1 COLLIER CO
SECTION TOWN- RANGE DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
15 SCS 30E X 28
STATE GEOLOGICAL SURVEY WELL NUMBER: 766

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>1801

A-3585

-5386

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

A-3585

>340

BOULDER ZONE

BASE OF SYSTEM

-3925

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1202112 COUNTY: COLLIER LOCAL WELL NUMBER: FLCCL23 LAT: 0261000 LONG: 0812900
OPERATOR: TRIBAL LEASE: #1 COLLIER COMPANY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
26 49S 28E X
STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE
MIOCENE
OLIGOCENE
LATE EOCENE
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE A-3573 >1925
CRETACEOUS -5498

SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE A-3573 >385
BOULDER ZONE
BASE OF SYSTEM -3958
LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1202113 COUNTY: COLLIER LOCAL WELL NUMBER: FLCCL25 LAT: 0255625 LONG: 081334C
OPERATOR: BASS LEASE: #1 PUMPKIN BAY 12-2
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 52S 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
12 52S 27E 28 4 18642

STATE GEOLOGICAL SURVEY WELL NUMBER: 778

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE	A-3789	>1546
CRETACEOUS	-5335	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	A-3789	>188
BOULDER ZONE		
BASE OF SYSTEM	-3977	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1202301 COUNTY: COLUMBIA LOCAL WELL NUMBER: FLACO-1 LAT: 0302830 LONG: 0823600
 OPERATOR: HUMBLE LEASE: #1 J P CONE
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 17E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 22 1N 17E X X X X X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 77

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICIAL AQUIFER		
MIocene	A+58	>115	UPPER CONFINING UNIT, LS SYSTEM	A+58	>115
OLIGOCENE	-57	105	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-162	205	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-57	410
MIDDLE EOCENE	-367	550	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-917	480	I		
PALEOCENE	-1397	410	II		
CRETACEOUS	-1807		III	-467	85
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-552	845
			BOULDER ZONE		
			BASE OF SYSTEM	-1397	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1202302 COUNTY: COLUMBIA LOCAL WELL NUMBER: FLACO-2 LAT: 0302015 LONG: 082395C

OPERATOR: SUN LEASE: #1 M W SAPP

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 25 16E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
24 25 16E X X X X

ELEVATION OF DERRICK FLOOR (FT.) 138
ELEVATION OF GROUND LEVEL (FT.) 133
DEPTH OF WELL (FT.) 3311

STATE GEOLOGICAL SURVEY WELL NUMBER: 93

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-41	>180
MIDDLE EOCENE	-221	600
EARLY EOCENE	-821	410
PALEOCENE	-1231	385
CRETACEOUS	-1616	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-41	>1436
SUB-REGIONAL LCW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-1467	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1202303 COUNTY: COLUMBIA LOCAL WELL NUMBER: FLACO-3 LAT: 0300930 LONG: 0823430

OPERATOR: SUN LEASE: #1 RUTH M BISHOP

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 10 4S 17E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
10 4S 17E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 111

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A+35	>380
MIDDLE EOCENE	-345	595
EARLY EOCENE	-940	295
PALEOCENE	-1235	405
CRETACEOUS	-1640	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

MIocene

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A+35	>873
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-838	102
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -940 490

BOULDER ZONE

BASE OF SYSTEM -1430

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1202304 COUNTY: COLUMBIA LOCAL WELL NUMBER: FLACO-4 LAT: 0300350 LONG: 0823545
OPERATOR: SUN LEASE: #1 CLARENCE LLOYD
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 17E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
11 55 17E X
ELEVATION OF DERRICK FLOOR (FT.) 125
ELEVATION OF GROUND LEVEL (FT.) 115
DEPTH OF WELL (FT.) 2929

STATE GEOLOGICAL SURVEY WELL NUMBER: 107

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE A+56 >21
OLIGOCENE
LATE EOCENE +35 354
MIDDLE EOCENE -319 615
EARLY EOCENE -934 265
PALEOCENE -1199 445
CRETACEOUS -1644

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+56 >21

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) +35 920

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III -885 49
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -934 491

BOULDER ZONE

BASE OF SYSTEM -1425

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1202305 COUNTY: COLUMBIA LOCAL WELL NUMBER: FLACO-5 LAT: 0300930 LONG: 0824710

OPERATOR: GULF LEASE: #1 KIE VINING
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4S 15E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
2 4S 15E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 25

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE SURFICIAL AQUIFER

MIocene UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE LIMESTONE AQUIFER SYSTEM:

LATE EOCENE A-2 >375

MIDDLE EOCENE -377 505

EARLY EOCENE -882 340

PALEOCENE -1222 425

CRETACEOUS -1647

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

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UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1202306 COUNTY: COLUMBIA LOCAL WELL NUMBER: FLACO-6 LAT: 0300645 LONG: 0824155
OPERATOR: SUN LEASE: #1 W F JOHNSON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
2 745 16 X
STATE GEOLOGICAL SURVEY WELL NUMBER: 104

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A+17	>365
MIDDLE EOCENE	-348	495
EARLY EOCENE	-843	335
PALEOCENE	-1178	454
CRETACEOUS	-1632	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A+17	>805
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-788	55
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-843	594
BOULDER ZONE		
BASE OF SYSTEM	-1437	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1202307 COUNTY: COLUMBIA LOCAL WELL NUMBER: FLACO-9 LAT: 0301621 LONG : 0823706

OPERATOR: GETTY LEASE: #1 J C MARSH

SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 17E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 33 2S 17E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 666

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+58	>80
OLIGOCENE		
LATE EOCENE	-22	210
MIDDLE EOCENE	-232	695
EARLY EOCENE	-927	315
PALEOCENE	-1242	460
CRETACEOUS	-1702	

HYCROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A+58	>80
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-22	806
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-828	99
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-927	525
BOULDER ZONE		
BASE OF SYSTEM	-1452	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
 2
 3

**SUPPLEMENT TO
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BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER:

1 2 3

RECORD NUMBER: 1202502 COUNTY: DADE LOCAL WELL NUMBER: FLADA-3 LAT: 0254830 LONG: 0805210
 OPERATOR: BLANCHARD LEASE: #1 EVERGLADES-DAMOCO
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 53S 35E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 31 53S 35E X 17
 DEPTH OF WELL (FT.) 11806

STATE GEOLOGICAL SURVEY WELL NUMBER: 129

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+9	171
MIocene	-162	669
OLIGOCENE	-831	161
LATE EOCENE	-992	51
MIDDLE EOCENE	-1043	>203
EARLY EOCENE	A-3206	>56
PALEOCENE	-3262	1670
CRETACEOUS	-4932	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+9	171
UPPER CONFINING UNIT, LS SYSTEM	-162	881
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1043	>203
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE	A-3206	>56
BASE OF SYSTEM	-3742	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1202503 COUNTY: DADE LOCAL WELL NUMBER: FLADA-4 LAT: 0253900 LONG: 0804550
OPERATOR: HUMBLE LEASE: #1 IIF
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 36E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
30 55S 36E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 889

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-660	>108
OLIGOCENE	-768	272
LATE EOCENE		
MIDDLE EOCENE	-1040	1155
EARLY EOCENE	-2195	1133
PALEOCENE	-3328	1595
CRETACEOUS	-4923	

HYCROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-660	>380
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1040	208
SUB-REGIONAL LOW-PERM. UNIT:		
I	-1248	432
II		
III		
IV		
V		
VI	-1870	710
VII		
VIII	-2800	120
LOWER MAJOR PERMEABLE ZONE	-1680	2130
BOULDER ZONE	-2920	408
BASE OF SYSTEM	-3810	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1202504 COUNTY: CADE LOCAL WELL NUMBER: FLADA-5 LAT: 0251335 LONG: 0805055
 OPERATOR: GULF LEASE: #1-C STATE MODEL LAND
 SECTION TOWN- RANGE DATA AVAILABLE
 15 60S 35E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 11 1 1 6030

STATE GEOLOGICAL SURVEY WELL NUMBER: 12

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE	A-2964	>212
PALEOCENE	-3176	1301
CRETACEOUS	-4477	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE	A-2964	>212
BASE OF SYSTEM	-3673	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

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RECORD NUMBER: 1202505 COUNTY: DADE LOCAL WELL NUMBER: FLADA-6 LAT: 0253740 LONG: 0803500
OPERATOR: COASTAL LEASE: #1-A IIF 340
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 37E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 55S 37E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 115

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE A-1045 >1125

EARLY EOCENE -2170 1129

PALEOCENE -3299 1435

CRETACEOUS -4734

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-1045 >185

SUB-REGIONAL LOW-PERM. UNIT:

I -1230 433

II

III

IV

V

VI -1792 883

VII

VIII

LOWER MAJOR PERMEABLE ZONE -2800 135

BOULDER ZONE -1663 2061

BASE OF SYSTEM -2935 364

LOCAL LOW-PERMEABILITY UNIT(S) -3724

1

2

3

RECORD NUMBER: 1202506 COUNTY: DAOE LOCAL WELL NUMBER: FLADA-7 LAT: 0254941 LONG: 08G1717
OPERATOR: USGS LEASE: HIALEAH INT #1
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 18 53S 41E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
18 53S 41E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
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POST-MIOCENE	+8	178
MIOCENE	-170	676
OLIGOCENE	-846	172
LATE EOCENE		
MIDDLE EOCENE	-1018	>79
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
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SURFICAL AQUIFER	+8	178
UPPER CONFINING UNIT, LS SYSTEM	-170	848
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1018	>79

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

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RECORD NUMBER: 1202507 COUNTY: DADE LOCAL WELL NUMBER: FLADA-8 LAT: 0254134 LONG: 0802103

OPERATOR: LEASE: PENINSULA UTIL I-1

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 54S 40E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
32 54S 40E X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
2950

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
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POST-MIOCENE	+8	136	SURFICAL AQUIFER	+8	136
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MIOCENE	-128	749	UPPER CONFINING UNIT, LS SYSTEM	-128	882
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OLIGOCENE	-877	133	LIMESTONE AQUIFER SYSTEM:		
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LATE EOCENE	-1010	1222	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1010	200
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MIDDLE EOCENE	-2232	>700	SUB-REGIONAL LCM-PERM. UNIT:		
---------------	-------	------	------------------------------	--	--

EARLY EOCENE			I	-1210	652
--------------	--	--	---	-------	-----

PALEOCENE			II		
-----------	--	--	----	--	--

CRETACEOUS			III		
------------	--	--	-----	--	--

			IV		
--	--	--	----	--	--

			V		
--	--	--	---	--	--

			VI	-2002	506
--	--	--	----	-------	-----

			VII		
--	--	--	-----	--	--

			VIII	-2712	205
--	--	--	------	-------	-----

			LOWER MAJOR PERMEABLE ZONE	-1862	>1080
--	--	--	----------------------------	-------	-------

			BOULDER ZONE	-2917	>25
--	--	--	--------------	-------	-----

			BASE OF SYSTEM		
--	--	--	----------------	--	--

			LOCAL LOW-PERMEABILITY UNIT(S)		
--	--	--	--------------------------------	--	--

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RECORD NUMBER: 1202508 COUNTY: DADE LOCAL WELL NUMBER: FLADA-9 LAT: 0253256 LONG: 08C1957
 OPERATOR: ALSAY-PIPPIN LEASE: MIAMI-DADE WSA I-6
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 56S 40E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 21 56S 40E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+9	124
MIocene	-115	796
OLIGOCENE	-911	116
LATE EOCENE	-1027	1194
MIDDLE EOCENE	-2221	>970
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+9	124
UPPER CONFINING UNIT, LS SYSTEM	-115	912
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1027	182
SUB-REGIONAL LOW-PERM. UNIT:		
I	-1209	610
II		
III		
IV		
V		
VI	-2019	442
VII		
VIII	-2613	168
LOWER MAJOR PERMEABLE ZONE	-1819	>1372
BOULDER ZONE	-2781	170
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
 2
 3

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BASIC WELL DATA

RECORD NUMBER: 1202701 COUNTY: DESOTO LOCAL WELL NUMBER: FLADE-1 LAT: 0272006 LONG: 0813930
OPERATOR: AMOCO LEASE: #1 OPEL KNIGHT 19-2
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 36S 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
19 36S 27E

STATE GEOLOGICAL SURVEY WELL NUMBER: 679

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-125	>324
OLIGOCENE	-449	140
LATE EOCENE	-589	240
MIDDLE EOCENE	-829	1180
EARLY EOCENE	-2009	1200
PALEOCENE	-3209	1520
CRETACEOUS	-4729	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-125	>324
LINESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-449	1128
SUB-REGIONAL LGW-PERM. UNIT:		
I	-589	240
II	-1577	214
III		
IV		
V		
VI	-1894	115
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1791	1759
BOULDER ZONE		
BASE OF SYSTEM	-3550	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1202702 COUNTY: DESOTO LOCAL WELL NUMBER: FLADE-2 LAT: 0270345 LONG: 0813515
 OPERATOR: SHELL LEASE: #22-1 PUNTA GORDA
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 22 39S 27E X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 609

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICIAL AQUIFER			
MIOCENE	A-143	>396		UPPER CONFINING UNIT, LS SYSTEM	A-143	>396	
OLIGOCENE	-539	168		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-707	159		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-539	1147	
MIDDLE EOCENE	-866	1337		SUB-REGIONAL LCW-PERM. UNIT:			
EARLY EOCENE	-2213	1300		I			
PALEOCENE	-3513	1645		II	-1686	233	
CRETACEOUS	-5158			III			
				IV			
				V			
				VI	-2128	85	
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-1919	2028	
				BOULDER ZONE			
				BASE OF SYSTEM	-3947		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1	-3153	223	
				2			
				3			

RECORD NUMBER: 1202703 COUNTY: DESOTO LOCAL WELL NUMBER: FLADE-3 LAT: 0271417 LONG: 0813349

OPERATOR: LEASE: TROPICAL RVR GRV J-38

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 375 27E X

ELEVATION OF DERRICK FLOOR (FT.) 88
ELEVATION OF GROUND LEVEL (FT.) 1408
DEPTH OF WELL (FT.) 1408

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE A-508 >68
LATE EOCENE -576 246
MIDDLE EOCENE -822 >498
EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-508 >812

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1202704 COUNTY: DESOTO LOCAL WELL NUMBER: FLADE-4 LAT: 0270356 LONG: 0814841
OPERATOR: LEASE: NAT WOLFE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
22 39S 25E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICIAL AQUIFER		
MIocene	A-64	>580	UPPER CONFINING UNIT, LS SYSTEM	A-64	>624
OLIGOCENE	-644	154	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-798	>162	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-688	>272
MIDDLE EOCENE			SUB-REGIONAL LCW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LCW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1202901 COUNTY: DIXIE LOCAL WELL NUMBER: FLADIX1 LAT: 0294455 LONG: 0831630
OPERATOR: SUN LEASE: #1 P C GRAPPS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 8S 10E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
36 8S 10E X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 97

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+32	15
MIocene		
OLIGOCENE		
LATE EOCENE	+17	285
MIDDLE EOCENE	-268	755
EARLY EOCENE	-1023	345
PALEOCENE	-1368	380
CRETACEOUS	-1748	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+32	15
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+17	1305
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-1288	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-922	101
2		
3		

RECORD NUMBER: 1202902 COUNTY: CIXIE LOCAL WELL NUMBER: FLADIX2 LAT: 0293245 LONG: 0831415
 OPERATOR: STANCILIND LEASE: A1 PERPETUAL FOREST
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 11S 11E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 5 11S 11E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 11

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+23	30
MIocene		
OLIGOCENE		
LATE EOCENE	-7	120
MIDDLE EOCENE	-127	938
EARLY EOCENE	-1065	435
PALEOCENE	-1500	370
CRETACEOUS	-1870	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+23	30
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-7	1534
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-1541	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-1034	32
2		
3		

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RECORD NUMBER: 1202903 COUNTY: DIXIE LOCAL WELL NUMBER: FLADIX3 LAT: 0294800 LONG: 0825620

OPERATOR: SUN LEASE: #1 HAZEL LANGSDON

SECTION TCWN- RANGE DATA AVAILABLE
SHIP 8S 14E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
8 X X X

ELEVATION OF DERRICK FLOOR (FT.) 33
ELEVATION OF GROUND LEVEL (FT.) 25
DEPTH OF WELL (FT.) 3671

STATE GEOLOGICAL SURVEY WELL NUMBER: 36

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-24 >322
-346 558
-904 292
-1196 470
-1666

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-24 >1217

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1247

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-75 >29
A-489 >474
-963 480
-1443 430
-1873

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

-1534

1

2

3

-654

-779

-932

62

20

3C

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1203101 COUNTY: CUVAL LOCAL WELL NUMBER: FLADUV2 LAT: 0301400 LONG: 0820215
OPERATOR: DURHAM LEASE: #1-B GILMAN PAPER CO
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3S 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
17 3S 23E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 410

GEOLOGIC UNITS

ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

HYDROLOGIC UNITS

ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

SURFICAL AQUIFER

MIOCENE

UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

MIDDLE EOCENE

SUB-REGIONAL LOW-PERM. UNIT:

EARLY EOCENE

I

PALEOCENE

II

CRETACEOUS

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

1017

BOULDER ZONE

BASE OF SYSTEM

-1886

LOCAL LOW-PERMEABILITY UNIT(S)

1

-1086

17C

2

3

RECORD NUMBER: 1203102 COUNTY: DUVAL LOCAL WELL NUMBER: FLADUV3 LAT: 0302315 LONG : 0815200
 OPERATOR: DURHAM LEASE: #1 MONTICELLO DRUG
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 1S 24E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
 23 1S 24E

STATE GEOLOGICAL SURVEY WELL NUMBER: 402

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------	------	--------------------------------------	-----------------

POST-MIOCENE	+86	134	SURFICAL AQUIFER	+86	134
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MIOCENE	-48	270	UPPER CONFINING UNIT, LS SYSTEM	-48	270
---------	-----	-----	---------------------------------	-----	-----

OLIGOCENE

LATE EOCENE	-318	311	LIMESTONE AQUIFER SYSTEM:		
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MIDDLE EOCENE	-629	695	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-318	462
---------------	------	-----	--	------	-----

EARLY EOCENE	-1324	485	SUB-REGIONAL LOW-PERM. UNIT:		
--------------	-------	-----	------------------------------	--	--

PALEOCENE	-1809	600	I	-780	165
-----------	-------	-----	---	------	-----

CRETACEOUS

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -945 1109

BOULDER ZONE

BASE OF SYSTEM -2054

LOCAL LOW-PERMEABILITY UNIT(S)

1	-1265	190
---	-------	-----

2

3

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RECORD NUMBER: 1203103 COUNTY: DUVAL LOCAL WELL NUMBER: FLADUV4

LAT: 0302058 LONG: 0812441

OPERATOR: LEASE: ATLANTIC BEACH

SECTION TOWN- RANGE
SHIP 2S 29E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
10
10
1292

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+10	78	SURFICAL AQUIFER	+10	78
MIocene	-68	318	UPPER CONFINING UNIT, LS SYSTEM	-68	318
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-386	412	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-386	598
MIDDLE EOCENE	-798	>484	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I	-984	186
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1170	>112
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	-1230	52
			2		
			3		

RECORD NUMBER: 1203104 COUNTY: DUVAL LOCAL WELL NUMBER: FLADUVS LAT: 0301817 LONG: 0813749
OPERATOR: USGS LEASE: JACKSONVILLE #425
SECTION TOWN-RANGE DATA AVAILABLE
SHIP 25 27E CUTTINGS -CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
29 25 27E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+20	65
MIOCENE	-45	430
OLIGOCENE		
LATE EOCENE	-475	285
MIDDLE EOCENE	-760	874
EARLY EOCENE	-1634	330
PALEOCENE	-1964	>502
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+20	65
UPPER CONFINING UNIT, LS SYSTEM	-45	430
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-475	387
SUB-REGIONAL LOW-PERM. UNIT:		
I	-862	138
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1000	>1466
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-680	50
2	-1488	212
3		

RECORD NUMBER: 1203105 COUNTY: DUVAL LOCAL WELL NUMBER: FLADUV6 LAT: 0301327 LONG : 0812657

OPERATOR: DUVAL DNLG LEASE: DEE DOT RANCH 1C13

SECTION TOWN- DATA AVAILABLE

SHIP RANGE CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X

25 3S 28E

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+14	89	SURFICAL AQUIFER	+14	89
MIOCENE	-75	285	UPPER CONFINING UNIT, LS SYSTEM	-75	285
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-360	406	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-360	520
MIDDLE EOCENE	-766	>234			
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I	-880	>120
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		

- LOWER MAJOR PERMEABLE ZONE
- BOULDER ZONE
- BASE OF SYSTEM
- LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1203106 COUNTY: DUVAL LOCAL WELL NUMBER: FLADUV7 LAT: 0302159 LONG: 0812356
 OPERATOR: USGS LEASE: JACKSONVILLE BCH TH
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 2S 29E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 9 2S 29E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+15	76		SURFICAL AQUIFER	+15	76	
MIocene	-61	334		UPPER CONFINING UNIT, LS SYSTEM	-61	334	
OLIGOCENE				LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-395	430		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-395	620	
MIDDLE EOCENE	-825	786		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-1611	>400		I	-1015	170	
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-1185	>826	
				BOULDER ZONE			
				BASE OF SYSTEM			
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1	-1317	74	
				2	-1543	134	
				3			

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1203301 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLAESC1 LAT: 0302306 LONG: 0872312
OPERATOR: BROOKS LEASE: #1 CALDWELL-GARVIN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2S 31W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
31 2S 31W X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 256

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIocene
OLIGOCENE A-1833 >94
LATE EOCENE -1927 235
MIDDLE EOCENE -2162 517
EARLY EOCENE -2679 888
PALEOCENE -3567 978
CRETACEOUS -4545

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -1927 177
BOULDER ZONE
BASE OF SYSTEM -2104
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

ELEVATION OF DERRICK FLOOR (FT.) 33
ELEVATION OF GROUND LEVEL (FT.) 23
DEPTH OF WELL (FT.) 12515

RECORD NUMBER: 1203302 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLAESC2 LAT: 0302645 LONG: 0872218
OPERATOR: COMMONWEALTH LEASE: #1 MARCUS LISCHKOFF
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 25 31W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
8 25 31W

STATE GEOLOGICAL SURVEY WELL NUMBER: 132

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+10	574	SURFICAL AQUIFER	+10	574
MIOCENE	-564	677	UPPER CONFINING UNIT, LS SYSTEM	-564	766
OLIGOCENE	-1241	495	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-1736	335	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1330	230
MIDDLE EOCENE	-2071	493	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-2564	982	I		
PALEOCENE	-3546	975	II		
CRETACEOUS	-4521		III		
			IV		
			V	-1560	176
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1736	276
			BOULDER ZONE		
			BASE OF SYSTEM	-2012	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

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RECORD NUMBER: 1203303 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLAESC3 LAT: 0302718 LONG: 0871015
OPERATOR: GATHRIGHT LEASE: #1 BAARS ESTATE
SECTION TOWN-SHIP RANGE DATA AVAILABLE
2 2S 29W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 294

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICAL AQUIFER			
MIocene	A-785	>298		UPPER CONFINING UNIT, LS SYSTEM	A-785	>357	
OLIGOCENE	-1083	462		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-1545	395		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1142	223	
MIDDLE EOCENE	-1940	531		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-2471	987		I			
PALEOCENE	-3458	855		II			
CRETACEOUS	-4313			III			
				IV			
				V	-1365	180	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-1545	277	
				BOULDER ZONE			
				BASE OF SYSTEM	-1822		
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

RECORD NUMBER: 1203304 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLAESC5 LAT: 0305848 LONG: 0871700

OPERATOR: THOMASON LEASE: #1 JOHN HARE

SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 30W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 6 5N 30W X

STATE GEOLOGICAL SURVEY WELL NUMBER: 263

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

POST-MIOCENE

MIOCENE A-291 >101
 OLIGOCENE -392 204-
 LATE EOCENE -596 289
 MIDDLE EOCENE -885 708
 EARLY EOCENE -1593 919
 PALEOCENE -2512 1088
 CRETACEOUS -3600

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-291 >197
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE -488 43
 (TOP OF SYSTEM)
 SUB-REGIONAL LOW-PERM. UNIT:

I
 II
 III
 IV
 V -531 65
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE -596 187
 BOULDER ZONE
 BASE OF SYSTEM -783
 LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

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BASIC WELL DATA

RECORD NUMBER: 1203305 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLESC19 LAT: 0305330 LONG: 0872600
OPERATOR: SUNNYLAND LEASE: #1 MCMILLIAN-EUBANKS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 32W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
3 4N 32W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 125

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIocene A-269 >245
OLIGOCENE -514 352
LATE EOCENE -866 246
MIDDLE EOCENE -1112 612
EARLY EOCENE -1724 997
PALEOCENE -2721 1168
CRETACEOUS -3889

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-269 >245
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -514 247
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

-761 105

LOWER MAJOR PERMEABLE ZONE -866 136

BOULDER ZONE

BASE OF SYSTEM -1002

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

RECORD NUMBER: 1203306 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLESC21 LAT: 0304557 LONG: 0872854
OPERATOR: SUNNYLAND LEASE: #1 J A ABBOTT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 32W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
19 3N 32W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 147

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER	A-321	>427
MIocene	A-321	>427	UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE	-748	460	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-1208	270	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-748	254
MIDDLE EOCENE	-1478	638	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-2116	884	I		
PALEOCENE	-3000	1253	II		
CRETACEOUS	-4253		III		
			IV		
			V	-1002	206
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1208	175
			BOULDER ZONE		
			BASE OF SYSTEM	-1383	
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

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BASIC WELL DATA

RECORD NUMBER: 1203307 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLESC22 LAT: 0305645 LONG: 0872812
OPERATOR: MIAMI OIL LEASE: #1 HAROLD Q WILSON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 5N 32W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
17 5N 32W X
ELEVATION OF DERRICK FLOOR (FT.) 244
ELEVATION OF GROUND LEVEL (FT.) 224
DEPTH OF WELL (FT.) 16529

STATE GEOLOGICAL SURVEY WELL NUMBER: 501

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+224	289
MIocene	-65	330
OLIGOCENE	-395	400
LATE EOCENE	-795	278
MIDDLE EOCENE	-1073	562
EARLY EOCENE	-1635	969
PALEOCENE	-2604	>1191
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+224	120
UPPER CONFINING UNIT, LS SYSTEM	+104	639
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-535	90
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-625	170
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-795	165
BOULDER ZONE		
BASE OF SYSTEM	-960	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1203308 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLESC23 LAT: 0305615 LONG: 0873212

OPERATOR: SOUTHEASTERN LEASE: #1 F W SHERRILL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 33W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
22 5N 33W X
ELEVATION OF DERRICK FLOOR (FT.) 240
ELEVATION OF GROUND LEVEL (FT.) 217
DEPTH OF WELL (FT.) 17026

STATE GEOLOGICAL SURVEY WELL NUMBER: 507

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+217	306
MIocene	-89	320
OLIGOCENE	-409	453
LATE EOCENE	-862	184
MIDDLE EOCENE	-1046	585
EARLY EOCENE	-1631	1054
PALEOCENE	-2685	1209
CRETACEOUS	-3894	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+217	147
UPPER CONFINING UNIT, LS SYSTEM	+70	479
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-409	274
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-683	179
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-862	142
BOULDER ZONE		
BASE OF SYSTEM	-1004	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1203309 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLESC26 LAT: 0305130 LONG: 0872915

OPERATOR: SHELL LEASE: #1 SCHNEIDER

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4N 32W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
18 4N 32W X

ELEVATION OF DERRICK FLOOR (FT.) 284
ELEVATION OF GROUND LEVEL (FT.) 254
DEPTH OF WELL (FT.) 17354

STATE GEOLOGICAL SURVEY WELL NUMBER: 647

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+254	399
MIocene	-145	415
OLIGOCENE	-560	385
LATE EOCENE	-945	270
MIDDLE EOCENE	-1215	605
EARLY EOCENE	-1820	960
PALEOCENE	-2786	1239
CRETACEOUS	-4025	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+254	200
UPPER CONFINING UNIT, LS SYSTEM	+54	614
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-560	245
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-805	140
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-945	130
BOULDER ZONE		
BASE OF SYSTEM	-1075	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1203310 COUNTY: ESCAMBIA LOCAL WELL NUMBER: FLESC27 LAT: 0303417 LONG: 0871417
 OPERATOR: MONSANTO LEASE: CLEAR CREEK MONITOR
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 30W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 28 1N 30W X
 STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+15	350	SURFICAL AQUIFER	+15	690
MIocene	-335	552	UPPER CONFINING UNIT, LS SYSTEM	-675	212
OLIGOCENE	-887	466	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-1353	>223	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-887	252
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V	-1139	214
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1353	204
			BOULDER ZONE		
			BASE OF SYSTEM	-1557	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1203501 COUNTY: FLAGLER LOCAL WELL NUMBER: FLAFL-1 LAT: 0293310 LONG: 0812840
 OPERATOR: HUMBLE LEASE: #1 J W CAMPBELL
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 11S 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 8 11S 28E X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 44

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-113	>34
OLIGOCENE		
LATE EOCENE	-147	217
MIDDLE EOCENE	-364	1073
EARLY EOCENE	-1437	395
PALEOCENE	-1832	605
CRETACEOUS	-2437	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
UPPER CONFINING UNIT, LS SYSTEM	A-113	>34
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-147	566
SUB-REGIONAL LOW-PERM. UNIT:		
I	-713	130
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-843	1065
BOULDER ZONE		
BASE OF SYSTEM	-1908	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1203502 COUNTY: FLAGLER LOCAL WELL NUMBER: FLAFL-2 LAT: 0291902 LONG: 0811856

OPERATOR: LEASE: BUD HENRY (F-108)

SECTION TOWN- RANGE DATA AVAILABLE

SHIP 29E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 19
ELEVATION OF GROUND LEVEL (FT.) 19
DEPTH OF WELL (FT.) 325

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE +19 12

MIOCENE +7 36

OLIGOCENE

LATE EOCENE -29 202

MIDDLE EOCENE -231 >75

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

SURFICAL AQUIFER +19 12

UPPER CONFINING UNIT, LS SYSTEM +7 36

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -29 >277

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1203503 COUNTY: FLAGLER LOCAL WELL NUMBER: FLAFL-3 LAT: 0292908 LONG : 0812150
OPERATOR: LEASE: BRINKLEY (F-114)
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 12S 29E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
2 12S 29E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+24	68
MIocene	-44	100
OLIGOCENE		
LATE EOCENE	-144	202
MIDDLE EOCENE	-346	>5
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+24	68
UPPER CONFINING UNIT, LS SYSTEM	-44	100
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-144	>207
SUB-REGIONAL LOW-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

LAT: 0294145 LONG : 0844650

ELEVATION OF ELEVATION OF

FLOOR	LEVEL
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

26
-25

UNITS

ELEVATION OF TOP THICKNESS

OF UNIT (FT.) (FT.)

A-298 >1430

1:

-1728 155

-1883 **1031**

-2914

(S)1

-2625 9C

-2805 50

RECORD NUMBER: 1203702 COUNTY: FRANKLIN LOCAL WELL NUMBER: FLAFRA2 LAT: 294703N LONG : 0842751
OPERATOR: CALIFORNIA CO LEASE: #2 STATE LEASE 224-A
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X X X
ELEVATION OF DERRICK FLOOR (FT.) 34
ELEVATION OF GROUND LEVEL (FT.) -25
DEPTH OF WELL (FT.) 10566

STATE GEOLOGICAL SURVEY WELL NUMBER: 293

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-45 >261
OLIGOCENE -306 504
LATE EOCENE -810 436
MIDDLE EOCENE -1246 1050
EARLY EOCENE -2296 415
PALEOCENE -2711 407
CRETACEOUS -3118 382

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-45 >1620
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV -1665 260
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -1925 786
BOULDER ZONE
BASE OF SYSTEM 2711
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1203703 COUNTY: FRANKLIN LOCAL WELL NUMBER: FLAFRA3 LAT: 0293624 LONG : 0850130
OPERATOR: MCBIL LEASE: #1 FLA ST LSE 224 A-C
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAPHA LOG
X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 387

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER					
UPPER CONFINING UNIT, LS SYSTEM					
LIMESTONE AQUIFER SYSTEM:					
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)					
SUB-REGIONAL LOW-PERM. UNIT:					
I					
II					
III					
IV					
V					
VI					
VII					
VIII					
LOWER MAJOR PERMEABLE ZONE					
BOULDER ZONE					
BASE OF SYSTEM					
LOCAL LOW-PERMEABILITY UNIT(S)					
1					
2					
3					

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1203704 COUNTY: FRANKLIN LOCAL WELL NUMBER: FLAFRA4 LAT: 0294121 LONG: 0850609
OPERATOR: MAGNCLIA LEASE: #1 ST LSE A, BLOCK 58
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 9S 9W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
23 9S 9W X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 43

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIocene A-529 >490
LATE EOCENE -1019 829
MIDDLE EOCENE -1848 794
EARLY EOCENE -2642 504
PALEOCENE -3146 315
CRETACEOUS -3461

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-529 >1319

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -2306 840

BOULDER ZONE

BASE OF SYSTEM -3146

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

85

458

RECORD NUMBER: 1203705 COUNTY: FRANKLIN LOCAL WELL NUMBER: FLAFRAS LAT: 0294836 LONG: 0844936
 OPERATOR: PURE LEASE: #3 GEX-LEWIN
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 8S 6W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 3 8S 6W
 STATE GEOLOGICAL SURVEY WELL NUMBER: 32

HYDROLOGIC UNITS
 ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) UNIT ELEVATION OF TOP THICKNESS
 (FT.) (MSL)

POST-MIOCENE
 MIOCENE
 OLIGOCENE A-821 >179
 LATE EOCENE -1000 552
 MIDDLE EOCENE -1552 786
 EARLY EOCENE -2338 566
 PALEOCENE -2904 417
 CRETACEOUS -3321

SURFICAL AQUIFER
 UPPER CONFINING UNIT, LS SYSTEM
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE
 (TOP OF SYSTEM) A-821 >1437
 SUB-REGIONAL LOW-PERM. UNIT:
 I
 II
 III
 IV -1958 214
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE -2172 732
 BOULDER ZONE
 BASE OF SYSTEM -2904
 LOCAL LOW-PERMEABILITY UNIT(S)
 1 -2574 110
 2 -2732 67
 3

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STATE GEOLOGICAL SURVEY WELL NUMBER:

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
1	10.0	1.0
2	9.0	1.0
3	8.0	1.0
4	7.0	1.0
5	6.0	1.0
6	5.0	1.0
7	4.0	1.0
8	3.0	1.0
9	2.0	1.0
10	1.0	1.0
11	0.0	1.0
12	-1.0	1.0
13	-2.0	1.0
14	-3.0	1.0
15	-4.0	1.0
16	-5.0	1.0
17	-6.0	1.0
18	-7.0	1.0
19	-8.0	1.0
20	-9.0	1.0
21	-10.0	1.0
22	-11.0	1.0
23	-12.0	1.0
24	-13.0	1.0
25	-14.0	1.0
26	-15.0	1.0
27	-16.0	1.0
28	-17.0	1.0
29	-18.0	1.0
30	-19.0	1.0
31	-20.0	1.0
32	-21.0	1.0
33	-22.0	1.0
34	-23.0	1.0
35	-24.0	1.0
36	-25.0	1.0
37	-26.0	1.0
38	-27.0	1.0
39	-28.0	1.0
40	-29.0	1.0
41	-30.0	1.0
42	-31.0	1.0
43	-32.0	1.0
44	-33.0	1.0
45	-34.0	1.0
46	-35.0	1.0
47	-36.0	1.0
48	-37.0	1.0
49	-38.0	1.0
50	-39.0	1.0
51	-40.0	1.0
52	-41.0	1.0
53	-42.0	1.0
54	-43.0	1.0
55	-44.0	1.0
56	-45.0	1.0
57	-46.0	1.0
58	-47.0	1.0
59	-48.0	1.0
60	-49.0	1.0
61	-50.0	1.0
62	-51.0	1.0
63	-52.0	1.0
64	-53.0	1.0
65	-54.0	1.0
66	-55.0	1.0
67	-56.0	1.0
68	-57.0	1.0
69	-58.0	1.0
70	-59.0	1.0
71	-60.0	1.0
72	-61.0	1.0
73	-62.0	1.0
74	-63.0	1.0
75	-64.0	1.0
76	-65.0	1.0
77	-66.0	1.0
78	-67.0	1.0
79	-68.0	1.0
80	-69.0	1.0
81	-70.0	1.0
82	-71.0	1.0
83	-72.0	1.0
84	-73.0	1.0
85	-74.0	1.0
86	-75.0	1.0
87	-76.0	1.0
88	-77.0	1.0
89	-78.0	1.0
90	-79.0	1.0
91	-80.0	1.0
92	-81.0	1.0
93	-82.0	1.0
94	-83.0	1.0
95	-84.0	1.0
96	-85.0	1.0
97	-86.0	1.0
98	-87.0	1.0
99	-88.0	1.0
100	-89.0	1.0
101	-90.0	1.0
102	-91.0	1.0
103	-92.0	1.0
104	-93.0	1.0
105	-94.0	1.0
106	-95.0	1.0
107	-96.0	1.0
108	-97.0	1.0
109	-98.0	1.0
110	-99.0	1.0
111	-100.0	1.0
112	-101.0	1.0
113	-102.0	1.0
114	-103.0	1.0
115	-104.0	1.0
116	-105.0	1.0
117	-106.0	1.0
118	-107.0	1.0
119	-108.0	1.

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)
A-657
>1073

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
-1730
224

LOWER MAJOR PERMEABLE ZONE -1954 785

BOULDER ZONE

BASE OF SYSTEM
-2739

LOCAL LOW-PERMEABILITY UNIT(S)

56 -664

2

2

2

**U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
GEOLOGICAL SURVEY**

STATE GEOLOGICAL SURVEY WELL NUMBER: 9

HYDROLOGIC UNITS

NO.	LOCATION	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	1000	1000	1000
2	1000	1000	1000
3	1000	1000	1000
4	1000	1000	1000
5	1000	1000	1000
6	1000	1000	1000
7	1000	1000	1000
8	1000	1000	1000
9	1000	1000	1000
10	1000	1000	1000
11	1000	1000	1000
12	1000	1000	1000
13	1000	1000	1000
14	1000	1000	1000
15	1000	1000	1000
16	1000	1000	1000
17	1000	1000	1000
18	1000	1000	1000
19	1000	1000	1000
20	1000	1000	1000
21	1000	1000	1000
22	1000	1000	1000
23	1000	1000	1000
24	1000	1000	1000
25	1000	1000	1000
26	1000	1000	1000
27	1000	1000	1000
28	1000	1000	1000
29	1000	1000	1000
30	1000	1000	1000
31	1000	1000	1000
32	1000	1000	1000
33	1000	1000	1000
34	1000	1000	1000
35	1000	1000	1000
36	1000	1000	1000
37	1000	1000	1000
38	1000	1000	1000
39	1000	1000	1000
40	1000	1000	1000
41	1000	1000	1000
42	1000	1000	1000
43	1000	1000	1000
44	1000	1000	1000
45	1000	1000	1000
46	1000	1000	1000
47	1000	1000	1000
48	1000	1000	1000
49	1000	1000	1000
50	1000	1000	1000
51	1000	1000	1000
52	1000	1000	1000
53	1000	1000	1000
54	1000	1000	1000
55	1000	1000	1000
56	1000	1000	1000
57	1000	1000	1000
58	1000	1000	1000
59	1000	1000	1000
60	1000	1000	1000
61	1000	1000	1000
62	1000	1000	1000
63	1000	1000	1000
64	1000	1000	1000
65	1000	1000	1000
66	1000	1000	1000
67	1000	1000	1000
68	1000	1000	1000
69	1000	1000	1000
70	1000	1000	1000
71	1000	1000	1000
72	1000	1000	1000
73	1000	1000	1000
74	1000	1000	1000
75	1000	1000	1000
76	1000	1000	1000
77	1000	1000	1000
78	1000	1000	1000
79	1000	1000	1000
80	1000	1000	1000
81	1000	1000	1000
82	1000	1000	1000
83	1000	1000	1000
84	1000	1000	1000
85	1000	1000	1000
86	1000	1000	1000
87	1000	1000	1000
88	1000	1000	1000
89	1000	1000	1000
90	1000	100	

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LCW-PERM. UNIT:

I	
II	
III	
IV	-1666
	150

2

150

865

-2930

-1966

369

-2571

369

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1203708 COUNTY: FRANKLIN LOCAL WELL NUMBER: FLAFRA8 LAT: 0295230 LONG: 0844210
OPERATOR: TEMPLE LEASE: #1 A S MITCHELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 5W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
14 7S 5W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 180

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	A-1041		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)
MIDDLE EOCENE	-1510		A-1041
EARLY EOCENE	-2298		SUB-REGIONAL LOW-PERM. UNIT:
PALEOCENE	-2871	I	
CRETACEOUS	-3172	II	
		III	
		IV	-1845
		V	
		VI	
		VII	
		VIII	
			LOWER MAJOR PERMEABLE ZONE
			-2125
			BOULDER ZONE
			BASE OF SYSTEM
			-2871
			LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1203709 COUNTY: FRANKLIN LOCAL WELL NUMBER: FLAFRA9 LAT: 0295615 LONG: 0844442
OPERATOR: HUMBLE LEASE: #1 A S MITCHELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 6S 5W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
21 6S 5W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 138

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICIAL AQUIFER			
MIOCENE				UPPER CONFINING UNIT, LS SYSTEM			
OLIGOCENE	A-570	317		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-887	566		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)			
MIDDLE EOCENE	-1453	817		A-570		>1425	
EARLY EOCENE	-2270	566		SUB-REGIONAL LOW-PERM. UNIT:			
PALEOCENE	-2836	324		I			
CRETACEOUS	-3160			II			
				III			
				IV	-1995	341	
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
					-2336	500	
				BOULDER ZONE			
				BASE OF SYSTEM			
					-2836		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1			
				2			
				3			

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1203710 COUNTY: FRANKLIN LOCAL WELL NUMBER: FLFRA10 LAT: 0294029 LONG: 0845005

OPERATOR: CFN CONSN LEASE: ST GEORGE'S ISLAND

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 9S 6W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
22 9S 6W X

ELEVATION OF DERRICK FLOOR (FT.) 5
ELEVATION OF GROUND LEVEL (FT.) 5
DEPTH OF WELL (FT.) 1026

STATE GEOLOGICAL SURVEY WELL NUMBER: 11322

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE +5 70
MIOCENE -65 368
OLIGOCENE -513 392
LATE EOCENE -905 >116
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER +5 70
UPPER CONFINING UNIT, LS SYSTEM -65 67
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -132 >889

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

STATE GEOLOGICAL SURVEY WELL NUMBER: 87

HYDROLOGIC UNITS

[illegible]

SURFICAL AQUIFER

MIOCENE	A+121	>60		UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE	+61	230		LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-169	310		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A+121	>600
MIDDLE EOCENE	-479	760				
EARLY ECCENE	-1239	745		SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-1984	455	I			
			II			
CRETACEOUS	-2439					

BOULDER ZONE

BASE OF SYSTEM	-479
LOCAL LOW-PERMEABILITY UNIT(S)	
1	+61
2	
3	
	51

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1203902 COUNTY: GADSDEN LOCAL WELL NUMBER: FLAGA-7 LAT: 0303448 LONG: 0844639
OPERATOR: HUGHES LEASE: #1 CLARA McDONALD
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 5W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
7 2N 5W
STATE GEOLOGICAL SURVEY WELL NUMBER: 83

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+174	>18
OLIGOCENE	+156	250
LATE EOCENE	-94	355
MIDDLE EOCENE	-449	575
EARLY EOCENE	-1024	580
PALEOCENE	-1604	735
CRETACEOUS	-2339	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A+174	>883
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-709	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	+156	36
2		
3		

RECORD NUMBER: 1203903 COUNTY: GADSDEN LOCAL WELL NUMBER: FLAGA-8 LAT: 0303230 LONG: 0843321
 OPERATOR: PRINCE-MONROE LEASE: #1 ERMINE OWENBY
 SECTION TOWN-RANGE DATA AVAILABLE
 SHIP 29 2N 3W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 20
 STATE GEOLOGICAL SURVEY WELL NUMBER: 305

GEOLOGIC UNITS
 ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

POST-MIOCENE
 MIOCENE
 OLIGOCENE
 LATE EOCENE A-267 >300
 MIDDLE EOCENE -567 712
 EARLY EOCENE -1279 685
 PALEOCENE -1964 465
 CRETACEOUS -2429

SURFICIAL AQUIFER
 UPPER CONFINING UNIT, LS SYSTEM
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE A-267 >528
 SUB-REGIONAL LOW-PERM. UNIT:
 I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE
 BOULDER ZONE
 BASE OF SYSTEM -795
 LOCAL LOW-PERMEABILITY UNIT(S)
 1
 2
 3

RECORD NUMBER: 1203904 COUNTY: GADSDEN LOCAL WELL NUMBER: FLAQA-9 LAT: 0303715 LONG: 0842145
OPERATOR: HAVANA SYND LEASE: #1 H M SWISHER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
30 3N 1W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 33

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
POST-MIOCENE		SURFICAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	A-285	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-285
MIDDLE EOCENE	-493		>208
EARLY EOCENE	-1173	SUB-REGIONAL LOW-PERM. UNIT:	
PALEOCENE	-1823	I	
CRETACEOUS	-2398	II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	
		BOULDER ZONE	
		BASE OF SYSTEM	-493
		LOCAL LOW-PERMEABILITY UNIT(S)	
		1	
		2	
		3	

██████████'S D██████████ TIME ██████████
GEOLOGICAL SURVEY

RECORD NUMBER: 1203905 COUNTY: GADSDEN LOCAL WELL NUMBER: FLA6A10 LAT: 0303218 LONG : 0844709

OPERATOR: SUN
LEASE: #1 CR C K WALL

SECTION	TOWN- SHIP	RANGE	CUTTINGS	CCRE	PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG
25	2N	6W	X		X	X	

STATE GEOLOGICAL SURVEY WELL NUMBER: 233

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
1	10.0	1.0
2	9.0	1.0
3	8.0	1.0
4	7.0	1.0
5	6.0	1.0
6	5.0	1.0
7	4.0	1.0
8	3.0	1.0
9	2.0	1.0
10	1.0	1.0
11	0.0	1.0
12	-1.0	1.0
13	-2.0	1.0
14	-3.0	1.0
15	-4.0	1.0
16	-5.0	1.0
17	-6.0	1.0
18	-7.0	1.0
19	-8.0	1.0
20	-9.0	1.0
21	-10.0	1.0
22	-11.0	1.0
23	-12.0	1.0
24	-13.0	1.0
25	-14.0	1.0
26	-15.0	1.0
27	-16.0	1.0
28	-17.0	1.0
29	-18.0	1.0
30	-19.0	1.0
31	-20.0	1.0
32	-21.0	1.0
33	-22.0	1.0
34	-23.0	1.0
35	-24.0	1.0
36	-25.0	1.0
37	-26.0	1.0
38	-27.0	1.0
39	-28.0	1.0
40	-29.0	1.0
41	-30.0	1.0
42	-31.0	1.0
43	-32.0	1.0
44	-33.0	1.0
45	-34.0	1.0
46	-35.0	1.0
47	-36.0	1.0
48	-37.0	1.0
49	-38.0	1.0
50	-39.0	1.0
51	-40.0	1.0
52	-41.0	1.0
53	-42.0	1.0
54	-43.0	1.0
55	-44.0	1.0
56	-45.0	1.0
57	-46.0	1.0
58	-47.0	1.0
59	-48.0	1.0
60	-49.0	1.0
61	-50.0	1.0
62	-51.0	1.0
63	-52.0	1.0
64	-53.0	1.0
65	-54.0	1.0
66	-55.0	1.0
67	-56.0	1.0
68	-57.0	1.0
69	-58.0	1.0
70	-59.0	1.0
71	-60.0	1.0
72	-61.0	1.0
73	-62.0	1.0
74	-63.0	1.0
75	-64.0	1.0
76	-65.0	1.0
77	-66.0	1.0
78	-67.0	1.0
79	-68.0	1.0
80	-69.0	1.0
81	-70.0	1.0
82	-71.0	1.0
83	-72.0	1.0
84	-73.0	1.0
85	-74.0	1.0
86	-75.0	1.0
87	-76.0	1.0
88	-77.0	1.0
89	-78.0	1.0
90	-79.0	1.0
91	-80.0	1.0
92	-81.0	1.0
93	-82.0	1.0
94	-83.0	1.0
95	-84.0	1.0
96	-85.0	1.0
97	-86.0	1.0
98	-87.0	1.0
99	-88.0	1.0
100	-89.0	1.0
101	-90.0	1.0
102	-91.0	1.0
103	-92.0	1.0
104	-93.0	1.0
105	-94.0	1.0
106	-95.0	1.0
107	-96.0	1.0
108	-97.0	1.0
109	-98.0	1.0
110	-99.0	1.0
111	-100.0	1.0
112	-101.0	1.0
113	-102.0	1.0
114	-103.0	1.0
115	-104.0	1.0
116	-105.0	1.0
117	-106.0	1.0
118	-107.0	1.0
119	-108.0	

HYDROLOGIC UNITS

NO.	DATE	DESCRIPTION	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	10/1/50	...	...	...
2	10/2/50	...	...	...
3	10/3/50	...	...	...
4	10/4/50	...	...	...
5	10/5/50	...	...	...
6	10/6/50	...	...	...
7	10/7/50	...	...	...
8	10/8/50	...	...	...
9	10/9/50	...	...	...
10	10/10/50	...	...	...
11	10/11/50	...	...	...
12	10/12/50	...	...	...
13	10/13/50	...	...	...
14	10/14/50	...	...	...
15	10/15/50	...	...	...
16	10/16/50	...	...	...
17	10/17/50	...	...	...
18	10/18/50	...	...	...
19	10/19/50	...	...	...
20	10/20/50	...	...	...
21	10/21/50	...	...	...
22	10/22/50	...	...	...
23	10/23/50	...	...	...
24	10/24/50	...	...	...
25	10/25/50	...	...	...
26	10/26/50	...	...	...
27	10/27/50	...	...	...
28	10/28/50	...	...	...
29	10/29/50	...	...	...
30	10/30/50	...	...	...
31	10/31/50	...	...	...
32	10/32/50	...	...	...
33	10/33/50	...	...	...
34	10/34/50	...	...	...
35	10/35/50	...	...	...
36	10/36/50	...	...	...
37	10/37/50	...	...	...
38	10/38/50	...	...	...
39	10/39/50	...	...	...
40	10/40/50	...	...	...
41	10/41/50	...	...	...
42	10/42/50	...	...	...
43	10/43/50	...	...	...
44	10/44/50	...	...	...
45	10/45/50	...	...	...
46	10/46/50	...	...	...
47	10/47/50	...	...	...
48	10/48/50	...	...	...
49	10/49/50	...	...	...
50	10/50/50	...	...	...

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE -577

EARLY ECCENE -1177

PALEOCENE -1737

CRETACEOUS
-2372

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB8-REGIONAL LOW-PERM. UNIT:

I

I

11

Y

Y

I

II

iii.

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LCW-PERMEABILITY UNIT(S)

1999

222

222

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1203906 COUNTY: GADSDEN LOCAL WELL NUMBER: FLAGA11 LAT: 0303239 LONG: 0843654
OPERATOR: PRINCE-MONROE LEASE: #1 LA CORONA
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 4W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
27 2N 4W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 302

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-320	>289
MIDDLE EOCENE	-609	694
EARLY EOCENE	-1303	570
PALEOCENE	-1873	545
CRETACEOUS	-2418	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-320	>668
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-988	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1203907 COUNTY: GADSDEN LOCAL WELL NUMBER: FLAGA12 LAT: 0303554 LONG: 0843448
 OPERATOR: LEASE: #2 CITY OF QUINCY
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 3W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 6 2N 3W X
 STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICIAL AQUIFER			
MIocene	+150	335		UPPER CONFINING UNIT, LS SYSTEM	+150	335	
OLIGOCENE	-185	162		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-347	256		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-185	>1011	
MIDDLE EOCENE	-603	>593		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE				I			
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM			
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	100.0	10.0	1	100.0	10.0
2	90.0	20.0	2	90.0	20.0
3	80.0	30.0	3	80.0	30.0
4	70.0	40.0	4	70.0	40.0
5	60.0	50.0	5	60.0	50.0
6	50.0	60.0	6	50.0	60.0
7	40.0	70.0	7	40.0	70.0
8	30.0	80.0	8	30.0	80.0
9	20.0	90.0	9	20.0	90.0
10	10.0	100.0	10	10.0	100.0

UPPER CONFINING UNIT, LS SYSTEM

LATE EOCENE	+37	205	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+37	1257
-------------	-----	-----	---	-----	------

1

CRETACEOUS

IV .

LOWER MAJOR PERMEABLE ZONE

BASE OF SYSTEM
-1220

1

2

NY

STATE GEOLOGICAL SURVEY WELL NUMBER:

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	100.0	1.0
2	99.0	1.0
3	98.0	1.0
4	97.0	1.0
5	96.0	1.0
6	95.0	1.0
7	94.0	1.0
8	93.0	1.0
9	92.0	1.0
10	91.0	1.0
11	90.0	1.0
12	89.0	1.0
13	88.0	1.0
14	87.0	1.0
15	86.0	1.0
16	85.0	1.0
17	84.0	1.0
18	83.0	1.0
19	82.0	1.0
20	81.0	1.0
21	80.0	1.0
22	79.0	1.0
23	78.0	1.0
24	77.0	1.0
25	76.0	1.0
26	75.0	1.0
27	74.0	1.0
28	73.0	1.0
29	72.0	1.0
30	71.0	1.0
31	70.0	1.0
32	69.0	1.0
33	68.0	1.0
34	67.0	1.0
35	66.0	1.0
36	65.0	1.0
37	64.0	1.0
38	63.0	1.0
39	62.0	1.0
40	61.0	1.0
41	60.0	1.0
42	59.0	1.0
43	58.0	1.0
44	57.0	1.0
45	56.0	1.0
46	55.0	1.0
47	54.0	1.0
48	53.0	1.0
49	52.0	1.0
50	51.0	1.0
51	50.0	1.0
52	49.0	1.0
53	48.0	1.0
54	47.0	1.0
55	46.0	1.0
56	45.0	1.0
57	44.0	1.0
58	43.0	1.0
59	42.0	1.0
60	41.0	1.0
61	40.0	1.0
62	39.0	1.0
63	38.0	1.0
64	37.0	1.0
65	36.0	1.0
66	35.0	1.0
67	34.0	1.0
68	33.0	1.0
69	32.0	1.0
70	31.0	1.0
71	30.0	1.0
72	29.0	1.0
73	28.0	1.0
74	27.0	1.0
75	26.0	1.0
76	25.0	1.0
77	24.0	1.0
78	23.0	1.0
79	22.0	1.0
80	21.0	1.0
81	20.0	1.0
82	19.0	1.0
83	18.0	1.0
84	17.0	1.0
85	16.0	1.0
86	15.0	1.0
87	14.0	1.0
88	13.0	1.0
89	12.0	1.0
90	11.0	1.0
91	10.0	1.0
92	9.0	1.0
93	8.0	1.0
94	7.0	1.0
95	6.0	1.0
96	5.0	1.0
97	4.0	1.0
98	3.0	1.0
99	2.0	1.0
100	1.0	1.0

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

524

-169C

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

M

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1204301 COUNTY: GLADES LOCAL WELL NUMBER: FLAGL-1 LAT: 0264715 LONG: 0805955
OPERATOR: COASTAL LEASE: #1 TIEDKE-SCHROEDER
SECTION TOWN-RANGE DATA AVAILABLE
SHIP 42S 33E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
25 42S 33E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 152

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+13	60
MIocene	-47	667
OLIGOCENE	-714	63
LATE EOCENE	-777	203
MIDDLE EOCENE	-980	1165
EARLY EOCENE	-2145	1517
PALEOCENE	-3662	1699
CRETACEOUS	-5361	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+13	60
UPPER CONFINING UNIT, LS SYSTEM	-47	933
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-980	
SUB-REGIONAL LCM-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE	-3414	248
BASE OF SYSTEM	-3968	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-3320	94
2		
3		

RECORD NUMBER: 1204302 COUNTY: GLACES LOCAL WELL NUMBER: FLAGL-2 LAT: 0265615 LONG: 0811645
 OPERATOR: ANERADA LEASE: #1 LYKES BROS
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 30E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 1 415 X X X X X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 269

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-81	>650
OLIGOCENE	-731	77
LATE EOCENE	-808	265
MIDDLE EOCENE	-1073	1238
EARLY EOCENE	-2311	1347
PALEOCENE	-3658	1475
CRETACEOUS	-5133	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-81	>650
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-731	600
SUB-REGIONAL LOW-PERM. UNIT:		
I	-1331	320
II		
III		
IV	-2569	413
V		
VI	-2046	230
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1651	2387
BOULDER ZONE	-3373	285
BASE OF SYSTEM	-4038	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-3270	97
2		
3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1204501 COUNTY: GULF LOCAL WELL NUMBER: FLAGF-1 LAT: 0293636 LONG: 0850748
OPERATOR: PURE LEASE: #1 C C HOPKINS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 9W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
22 6S 9W X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 914

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-227	>265
OLIGOCENE	-492	605
LATE EOCENE	-1097	575
MIDDLE EOCENE	-1672	695
EARLY EOCENE	-2367	530
PALEOCENE	-2897	280
CRETACEOUS	-3177	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-227	>1701
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV	-1928	286
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2214	440
BOULDER ZONE		
BASE OF SYSTEM	-2654	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

1

STATE GEOLOGICAL SURVEY WELL NUMBER: 4

HYDROLOGIC UNITS

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE A-1488 >270 UPPER MAJOR PERMEABLE ZONE

MIDDLE EOCENE -1758 710 2400
(10% of system)

EARLY ECCENE -2468 540
YOU REASONED FOR YEARS UNTIL

PALEOCENE 280
-3008 280

CRETACEOUS -3288

[illegible]

II

LUNER MAJUK PERFEABLE ZONE
-2134
074

BOULDER ZONE

BASE OF SYSTEM
-2828

LOCAL LOW-PERMEABILITY UNIT(S)

RECORD NUMBER: 1204503 COUNTY: GULF LOCAL WELL NUMBER: FLAGGF-3 LAT: 0300000 LONG: 0850833
OPERATOR: TEMPLE LEASE: #1 MARY E LISTER
SECTION TCWN- RANGE DATA AVAILABLE
SHIP 5S 9W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
33 5S 9W X
ELEVATION OF DERRICK FLOOR (FT.) 30
ELEVATION OF GROUND LEVEL (FT.) 25
DEPTH OF WELL (FT.) 4996

STATE GEOLOGICAL SURVEY WELL NUMBER: 194

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------	------	--------------------------------------	-----------------

POST-MIOCENE

SURFICAL AQUIFER

MIocene	A-349	>170	UPPER CONFINING UNIT, LS SYSTEM	A-349	>31
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OLIGOCENE

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

MIDDLE EOCENE

SUB-REGIONAL LOW-PERM. UNIT:

EARLY EOCENE

I

PALEOCENE

II

CRETACEOUS

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE	-2185	455
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BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	-2318	105
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2

3

RECORD NUMBER: 1204504 COUNTY: GULF LOCAL WELL NUMBER: FLAGF-4 LAT: 0295921 LONG: 0852021
OPERATOR: PURE LEASE: #3 ST JCE PAPER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 6S 11W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
3 6S 11W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 40

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICAL AQUIFER			
MIOCENE	A-347	>57		UPPER CONFINING UNIT, LS SYSTEM			
OLIGOCENE	-404	585		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-989	700		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)			
MIDDLE EOCENE	-1689	590		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-2279	620		I			
PALEOCENE	-2899	305		II			
CRETACEOUS	-3204			III			
				IV	-1900	379	
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
					-2279	488	
				BOULDER ZONE			
				BASE OF SYSTEM			
					-2767		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1	-1315	165	
				2	-2475	155	
				3			

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1204505 COUNTY: GULF LOCAL WELL NUMBER: FLAGF-5 LAT: 0300624 LONG: 0851748
OPERATOR: PURE LEASE: #1 E L MCWILLAN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP. 45 11W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 45 11W X

STATE GEOLOGICAL SURVEY WELL NUMBER: 48

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-205	160
OLIGOCENE	-365	480
LATE EOCENE	-845	635
MIDDLE EOCENE	-1480	675
EARLY EOCENE	-2155	605
PALEOCENE	-2760	310
CRETACEOUS	-3070	

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1204506 COUNTY: GULF LOCAL WELL NUMBER: FLAGF-6 LAT: 0294300 LONG: 0851718
 OPERATOR: PURE LEASE: #1 PICK HOLLINGER
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 12 9S 11W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 19 5 5656

STATE GEOLOGICAL SURVEY WELL NUMBER: 37

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-427	>123
OLIGOCENE	-550	455
LATE EOCENE	-1005	710'
MIDDLE EOCENE	-1715	815
EARLY EOCENE	-2530	630
PALEOCENE	-3160	365
CRETACEOUS	-3525	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-427	>1863
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV	-2290	210
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2500	660
BOULDER ZONE		
BASE OF SYSTEM	-3160	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-2695	105
2		
3		

RECORD NUMBER: 1204507 COUNTY: GULF LOCAL WELL NUMBER: FLAG-7 LAT: 0300200 LONG: 0851039
OPERATOR: PURE LEASE: #1 KATE GASKINS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP SS 9W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
17 55 9W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 1469

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-1921	>410
EARLY EOCENE	-2331	410
PALEOCENE	-2741	340
CRETACEOUS	-3081	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UPPER CONFINING UNIT, LS SYSTEM		
LINESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV	A-1921	>181
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2102	547
BOULDER ZONE		
BASE OF SYSTEM	-2649	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-2242	88
2		
3		

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LINESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1204508 COUNTY: GULF LOCAL WELL NUMBER: FLAGF-8 LAT: 0294520 LONG : 0851200

OPERATOR: CHARTER LEASE: #1 ST JOE PAPER

ELEVATION OF DERICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
34	9	14301

SECTION	TOWN- SHIP	RANGE	CUTTINGS	CORE	PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG
26	8S	10W				X	

STATE GEOLOGICAL SURVEY WELL NUMBER: 670

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	10.0	1.0
2	9.0	1.0
3	8.0	1.0
4	7.0	1.0
5	6.0	1.0
6	5.0	1.0
7	4.0	1.0
8	3.0	1.0
9	2.0	1.0
10	1.0	1.0
11	0.0	1.0
12	-1.0	1.0
13	-2.0	1.0
14	-3.0	1.0
15	-4.0	1.0
16	-5.0	1.0
17	-6.0	1.0
18	-7.0	1.0
19	-8.0	1.0
20	-9.0	1.0
21	-10.0	1.0
22	-11.0	1.0
23	-12.0	1.0
24	-13.0	1.0
25	-14.0	1.0
26	-15.0	1.0
27	-16.0	1.0
28	-17.0	1.0
29	-18.0	1.0
30	-19.0	1.0
31	-20.0	1.0
32	-21.0	1.0
33	-22.0	1.0
34	-23.0	1.0
35	-24.0	1.0
36	-25.0	1.0
37	-26.0	1.0
38	-27.0	1.0
39	-28.0	1.0
40	-29.0	1.0
41	-30.0	1.0
42	-31.0	1.0
43	-32.0	1.0
44	-33.0	1.0
45	-34.0	1.0
46	-35.0	1.0
47	-36.0	1.0
48	-37.0	1.0
49	-38.0	1.0
50	-39.0	1.0
51	-40.0	1.0
52	-41.0	1.0
53	-42.0	1.0
54	-43.0	1.0
55	-44.0	1.0
56	-45.0	1.0
57	-46.0	1.0
58	-47.0	1.0
59	-48.0	1.0
60	-49.0	1.0
61	-50.0	1.0
62	-51.0	1.0
63	-52.0	1.0
64	-53.0	1.0
65	-54.0	1.0
66	-55.0	1.0
67	-56.0	1.0
68	-57.0	1.0
69	-58.0	1.0
70	-59.0	1.0
71	-60.0	1.0
72	-61.0	1.0
73	-62.0	1.0
74	-63.0	1.0
75	-64.0	1.0
76	-65.0	1.0
77	-66.0	1.0
78	-67.0	1.0
79	-68.0	1.0
80	-69.0	1.0
81	-70.0	1.0
82	-71.0	1.0
83	-72.0	1.0
84	-73.0	1.0
85	-74.0	1.0
86	-75.0	1.0
87	-76.0	1.0
88	-77.0	1.0
89	-78.0	1.0
90	-79.0	1.0
91	-80.0	1.0
92	-81.0	1.0
93	-82.0	1.0
94	-83.0	1.0
95	-84.0	1.0
96	-85.0	1.0
97	-86.0	1.0
98	-87.0	1.0
99	-88.0	1.0
100	-89.0	1.0
101	-90.0	1.0
102	-91.0	1.0
103	-92.0	1.0
104	-93.0	1.0
105	-94.0	1.0
106	-95.0	1.0
107	-96.0	1.0
108	-97.0	1.0
109	-98.0	1.0
110	-99.0	1.0
111	-100.0	1.0
112	-101.0	1.0
113	-102.0	1.0
114	-103.0	1.0
115	-104.0	1.0
116	-105.0	1.0
117	-106.0	1.0
118	-107.0	1.0
119	-108.	

HYDROLOGIC UNITS

STATION	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	10.5	1.5
2	10.5	1.5
3	10.5	1.5
4	10.5	1.5
5	10.5	1.5
6	10.5	1.5
7	10.5	1.5
8	10.5	1.5
9	10.5	1.5
10	10.5	1.5
11	10.5	1.5
12	10.5	1.5
13	10.5	1.5
14	10.5	1.5
15	10.5	1.5
16	10.5	1.5
17	10.5	1.5
18	10.5	1.5
19	10.5	1.5
20	10.5	1.5
21	10.5	1.5
22	10.5	1.5
23	10.5	1.5
24	10.5	1.5
25	10.5	1.5
26	10.5	1.5
27	10.5	1.5
28	10.5	1.5
29	10.5	1.5
30	10.5	1.5
31	10.5	1.5
32	10.5	1.5
33	10.5	1.5
34	10.5	1.5
35	10.5	1.5
36	10.5	1.5
37	10.5	1.5
38	10.5	1.5
39	10.5	1.5
40	10.5	1.5
41	10.5	1.5
42	10.5	1.5
43	10.5	1.5
44	10.5	1.5
45	10.5	1.5
46	10.5	1.5
47	10.5	1.5
48	10.5	1.5
49	10.5	1.5
50	10.5	1.5
51	10.5	1.5
52	10.5	1.5
53	10.5	1.5
54	10.5	1.5
55	10.5	1.5
56	10.5	1.5
57	10.5	1.5
58	10.5	1.5
59	10.5	1.5
60	10.5	1.5
61	10.5	1.5
62	10.5	1.5
63	10.5	1.5
64	10.5	1.5
65	10.5	1.5
66	10.5	1.5
67	10.5	1.5
68	10.5	1.5
69	10.5	1.5
70	10.5	1.5
71	10.5	1.5
72	10.5	1.5
73	10.5	1.5
74	10.5	1.5
75	10.5	1.5
76	10.5	1.5
77	10.5	1.5
78	10.5	1.5
79	10.5	1.5
80	10.5	1.5
81	10.5	1.5
82	10.5	1.5
83	10.5	1.5
84	10.5	1.5
85	10.5	1.5
86	10.5	1.5
87	10.5	1.5
88	10.5	1.5
89	10.5	1.5
90	10.5	1.5
91	10.5	1.5
92	10.5	1.5
93	10.5	1.5
94	10.5	1.5
95	10.5	1.5
96	10.5	1.5
97	10.5	1.5
98	10.5	1.5
99	10.5	1.5
100	10.5	1.5

POST-MICCENE

SURFICAL AQUIFER

MIocene A-80 >425 UPPER CONFINING UNIT, LS SYSTEM A-80 >231

OLIGOCENE -505 505 LIMESTONE AQUIFER SYSTEM:

LATE Eocene	-1010	695					UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-311	1979
-------------	-------	-----	--	--	--	--	---	------	------

SUB-REGIONAL LOW-PERM. UNIT:

1

11

[illegible]

vii

viii

LOWER MAJOR PERMEABLE ZONE -2480 285

ROUND 9 ZONE

BASE OF SYSTEM -2765

LOCAL LOW-PERMEABILITY INT(S)

1

2

3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

LAT: 0302610 LONG : 0824615

ELEVATION OF ELEVATION OF DEPTH

FLOR	LEVEL	WELL
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

128 1418

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
(MSL)		
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102
103	104	105
106	107	108
109	110	111
112	113	114
115	116	117
118	119	120
121	122	123
124	125	126
127	128	129
130	131	132
133	134	135
136	137	138
139	140	141
142	143	144
145	146	147
148	149	150
151	152	153
154	155	156
157	158	159
160	161	162
163	164	165
166	167	168
169	170	171
172	173	174
175	176	177
178	179	180
181	182	183
184	185	186
187	188	189
190	191	192
193	194	195
196	197	198
199	200	201
202	203	204
205	206	207
208	209	210
211	212	213
214	215	216
217	218	219
220	221	222
223	224	225
226	227	228
229	230	231
232	233	234
235	236	237
238	239	240
241	242	243
244	245	246
247	248	249
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
292	293	294
295	296	297
298	299	300
301	302	303
304	305	306
307	308	309
310	311	312
313	314	315
316	317	318
319	320	321
322	323	324
325	326	327
328	329	330
331	332	333
334	335	336
337	338	339
340	341	342
343	344	345
346	347	348
349	350	351
352	353	354
355	356	357
358	359	360
361	362	363
364		

20

UPPER CONFINING

LIMESTONE **AQUI**

UPPER MAJOR PE

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RECORD NUMBER: 1204901 COUNTY: MARCEE LOCAL WELL NUMBER: FLAHARTI LAT: 0272505 LONG : 0815855

OPERATOR: HUMBLE LEASE: #1 B T KEENE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 35S 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
23 35S 23E X X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 62

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)		
POST-MIOCENE	+83	20	SURFICAL AQUIFER	+83	20		
MIocene	+63	268	UPPER CONFINING UNIT, LS SYSTEM	+63	268		
OLIGOCENE	-205	280	LIMESTONE AQUIFER SYSTEM:				
LATE EOCENE	-485	300	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-205	1442		
MIDDLE EOCENE	-785	1355	SUB-REGIONAL LOW-PERM. UNIT:				
EARLY EOCENE	-2140	1090	I				
PALEOCENE	-3230	1825	II	-1647	218		
CRETACEOUS	-5055		III				
			IV				
			V				
			VI				
			VII				
			VIII				
			LOWER MAJOR PERMEABLE ZONE	-1865	1818		
			SOULDER ZONE				
			BASE OF SYSTEM	-3683			
			LOCAL LOW-PERMEABILITY UNIT(S)				

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1204902 COUNTY: HARDEE LOCAL WELL NUMBER: FLAMAR2 LAT: 0273708 LONG: 0814345

OPERATOR: LEASE: S J TILDEN

SECTION TCWN- RANGE
SHIP 33S 26E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
106
1070

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A-183 >67

LATE EOCENE -250 454

MIDDLE EOCENE -704 >260

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-183 >781

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
48	31	11680

11680

371

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
10.0	1.0
9.0	1.0
8.0	1.0
7.0	1.0
6.0	1.0
5.0	1.0
4.0	1.0
3.0	1.0
2.0	1.0
1.0	1.0
0.0	1.0

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

•

•

2472

END

-3943

LITY UNIT(S)

1

2

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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1205102 COUNTY: HENDRY LOCAL WELL NUMBER: FLAHS LAT: 2628500 LONG: 81C300E
OPERATOR: XCHANGE LEASE: #1 FLA LAND & TIMBER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 74 653 3E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG 1 37 21X 12494
STATE GEOLOGICAL SURVEY WELL NUMBER: 424

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-3788 >1504

-5292

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -3788 >324

BOULDER ZONE

BASE OF SYSTEM -4012

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1205103 COUNTY: HENDRY LOCAL WELL NUMBER: FLA99 LAT: 2635180 LONG: 812630H
OPERATOR: UMBLE LEASE: #1 CON NAVAL STORES
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 552 9E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG 5
4 552 9E X X 46 29X 11594
STATE GEOLOGICAL SURVEY WELL NUMBER: 207

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------	------	--	--------------------

POST-MIOCENE

SURFICAL AQUIFER

MIocene	A-91	>630	UPPER CONFINING UNIT, LS SYSTEM	A-91	>690
---------	------	------	---------------------------------	------	------

OLIGOCENE

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE	-721	340	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-781	1273
-------------	------	-----	---	------	------

MIDDLE EOCENE

SUB-REGIONAL LOW-PERM. UNIT:

EARLY EOCENE	-1061	270	I		
--------------	-------	-----	---	--	--

PALEOCENE

	-1331	876	II		
--	-------	-----	----	--	--

CRETACEOUS

	-2207	1210	III		
--	-------	------	-----	--	--

	-3417	2135	IV		
--	-------	------	----	--	--

	-5552		V		
--	-------	--	---	--	--

			VI	-2054	153
--	--	--	----	-------	-----

			VII		
--	--	--	-----	--	--

			VIII	-2783	215
--	--	--	------	-------	-----

LOWER MAJOR PERMEABLE ZONE

				-2207	1811
--	--	--	--	-------	------

BOULDER ZONE

				-2998	419
--	--	--	--	-------	-----

BASE OF SYSTEM

				-4018	
--	--	--	--	-------	--

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1205104 COUNTY: HENDRY LOCAL WELL NUMBER: FLAHH10 LAT: 0264200 LONG: 0813045
OPERATOR: SOU TRIANGLE LEASE: #2 LAHLESS-BERRY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 34 43S 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
34 43S 28E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 354

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-3318 >225
-3543 1895
-5438

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

A-3318 >670
A-3318 >225
-3988

1
2
3

RECORD NUMBER: 1205105 COUNTY: HENDRY LOCAL WELL NUMBER: FLAMN11 LAT: 0262315 LONG: 0811200
 OPERATOR: HUMBLE LEASE: #1-B COLLIER CORP
 SECTION TOWN-RANGE DATA AVAILABLE
 SHIP 14 47S 31E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 14 47S 31E

STATE GEOLOGICAL SURVEY WELL NUMBER: 133

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	A-1368	>935		A-1368	>892
EARLY EOCENE	-2303	1065	SUB-REGIONAL LCH-PERM. UNIT:		
PALEOCENE	-3368	2002	I		
CRETACEOUS	-5370		II		
			III		
			IV		
			V		
			VI	-2260	43
			VII		
			VIII	-2607	352
			LOWER MAJOR PERMEABLE ZONE		
				-2303	656
			BOULDER ZONE		
				-2959	409
			BASE OF SYSTEM		
				-4002	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1205106 COUNTY: WENCERY LOCAL WELL NUMBER: FLAHN12 LAT: 0264400 LONG : 0812027
OPERATOR: LL & E LEASE: #1 BARRON-STATE 16-4
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 16 43S 30E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 606

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>1802

A-3639

-5441

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

A-3639

>369

BOULDER ZONE

BASE OF SYSTEM

-4008

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1205107 COUNTY: HENDRY LOCAL WELL NUMBER: FLAHH13 LAT: 0262551 LONG: 0811000
 OPERATOR: SUN LEASE: #31-2 LEE COUNTRY LAN
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 31 465 32E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 620

GEOLOGIC UNITS
 ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 UNIT (MSL)

POST-MIOCENE
 MIOCENE
 OLIGOCENE.
 LATE EOCENE
 MIDDLE EOCENE
 EARLY EOCENE
 PALEOCENE A-3523 >1872
 CRETACEOUS -5395

SURFICAL AQUIFER
 UPPER CONFINING UNIT, LS SYSTEM
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE
 (TOP OF SYSTEM)
 SUB-REGIONAL LOW-PERM. UNIT:
 I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE A-3523 >487
 SOULDER ZONE
 BASE OF SYSTEM -4010
 LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

RECORD NUMBER: 1205108 COUNTY: HENDRY LOCAL WELL NUMBER: FLAHH14 LAT: 0263320 LONG: 081160C
OPERATOR: SHELL LEASE: #19-2 ALICO LAND & TB
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
19 435 31E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 768

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-1449	>816
EARLY EOCENE	-2265	>731
PALEOCENE	A-4156	>1284
CRETACEOUS	-5440	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-1449	>697
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI	-2146	119
VII		
VIII	-2605	>392
LOWER MAJOR PERMEABLE ZONE	-2265	>732
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1205301 COUNTY: HERNANDO LOCAL WELL NUMBER: FLAMER4 LAT: 0282825 LONG : 0823255
OPERATOR: OHIO OIL. LEASE: #1 PERNASCO
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 23S 18E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
19 X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	A-165	>20	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-165	>527
MIDDLE EOCENE	-185	1466	SUB-REGIONAL LGW-PERM. UNIT:		
EARLY EOCENE	-1651	575	I		
PALEOCENE	-2226	1035	II	692	666
CRETACEOUS	-3261		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1358	1584
			BOULDER ZONE		
			BASE OF SYSTEM	-2942	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	-1510	141
			2	-2100	126
			3		

RECORD NUMBER: 1205302 COUNTY: HERNANDO LAT: 0283030 LONG : 0821650
OPERATOR: DAVIS-THAYER LEASE: #1 SAM F DAVIS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 23S 20E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
11 23S 20E X
ELEVATION OF DERRICK FLOOR 151
ELEVATION OF GROUND LEVEL 143
DEPTH OF WELL (FT.) 6764

STATE GEOLOGICAL SURVEY WELL NUMBER: 391

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-711	>647
EARLY EOCENE	-1358	540
PALEOCENE	-1898	990
CRETACEOUS	-2888	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-711	>109
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II	-820	262
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1082	1406
BOULDER ZONE		
BASE OF SYSTEM	-2488	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-1343	25
2		
3		

RECORD NUMBER: 1205303 COUNTY: HERNAND COUNTY LOCAL WELL NUMBER: FLAHER6 LAT: 0283150 LONG : 0821345

OPERATOR: THAYER-DAVIS		LEASE: #2 HILL		DATA AVAILABLE		ELEVATION OF DERRICK FLOOR		ELEVATION OF GROUND LEVEL		DEPTH OF WELL	
SECTION	TOWN- SHIP	RANGE	CUTTINGS	CCRE	PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG	(FT.)	(FT.)	(FT.)	(FT.)
32	22S	21E					X	81	75	6209	

STATE GEOLOGICAL SURVEY WELL NUMBER: 378

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

HYDROLOGIC UNITS

[illegible]

I	983		
II	-1845		
III	-2828		
IV			
V			
VI			
VII			
VII			

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LCM-PERMEABILITY UNIT(S)
-2303

1 -1193 8C
2
3

RECORD NUMBER: 1205501 COUNTY: HIGHLANDS LOCAL WELL NUMBER: FLAHI-1 LAT: 0270730 LONG: 0812400

OPERATOR: HUMBLE LEASE: #1 CARLTON ESTATE

SECTION TOWN-SHIP RANGE DATA AVAILABLE
34 30S 29E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X X

ELEVATION OF DERRICK FLOOR (FT.) 114
ELEVATION OF GROUND LEVEL (FT.) 104
DEPTH OF WELL (FT.) 12985

STATE GEOLOGICAL SURVEY WELL NUMBER: 1

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIOCENE	A-34	>470
OLIGOCENE	-504	122
LATE EOCENE	-626	228
MIDDLE EOCENE	-854	1220
EARLY EOCENE	-2074	1350
PALEOCENE	-3424	1550
CRETACEOUS	-4974	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-34	>470
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-504	1020
SUB-REGIONAL LOW-PERM. UNIT:		
I	-1524	266
II		
III		
IV		
V		
VI	-1896	178
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1790	2035
BOULDER ZONE		
BASE OF SYSTEM	-3825	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-3040	150
2		
3		

RECORD NUMBER: 1205502 COUNTY: HIGHLANDS LOCAL WELL NUMBER: FLAMI-2 LAT: 0271015 LONG: 0813215

OPERATOR: CONTINENTAL LEASE: #1 C CARLETON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
20 38S 28E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 225

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE			SURFICIAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP CF SYSTEM)	A-111C	>340
MIDDLE EOCENE	A-1110	>947	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-2057	1358	I		
PALEOCENE	-3415	1535	II	-1450	337
CRETACEOUS	-4950		III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE	-1787	2019
BOULDER ZONE		
BASE OF SYSTEM	-3806	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-3057	135
2		
3		

RECORD NUMBER: 1205701 COUNTY: HILLSBOROUGH LOCAL WELL NUMBER: FLAHL1 LAT: 0274830 LONG : 0820815

OPERATOR: HUMBLE LEASE: #1 T S JAMESON

SECTION TOWN- RANGE DATA AVAILABLE

SHIP 31S 22E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 112
ELEVATION OF GROUND LEVEL (FT.) 95
DEPTH OF WELL (FT.) 10129

STATE GEOLOGICAL SURVEY WELL NUMBER: 29

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

POST-MIOCENE

SURFICIAL AQUIFER

MIocene A+40 >156 UPPER CONFINING UNIT, LS SYSTEM A+40 >156

OLIGOCENE -106 110 LIMESTONE AQUIFER SYSTEM:

LATE EOCENE -216 257 UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) 1121

MIDDLE EOCENE -473 1413 SUB-REGIONAL LCM-PERM. UNIT:

EARLY EOCENE -1886 1020 I

PALEOCENE -2906 1520 II

CRETACEOUS -4426 III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -1501 1846

BOULDER ZONE

BASE OF SYSTEM -3347

LOCAL LOW-PERMEABILITY UNIT(S)

1 -1815 71

2

3

PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1205702 COUNTY: HILLSBOROUGH LOCAL WELL NUMBER: FLAHL2 LAT: 0280752 LONG : 0821827

OPERATOR:

SECTION	TOWN-SHIP	RANGE	CUTTINGS	CORE	PALEONTOLOGY	ELECTRIC	LOG	GAMMA LOG	FLOOR LEVEL (FT.)	WELL (FT.)
16	27S	20E				X		X	47	1783

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+47	20	SURFICAL AQUIFER	+47	20
MIOCENE	+27	90	UPPER CONFINING UNIT, LS SYSTEM	+27	24
OLIGOCENE	-63	114	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-177	228	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+3	986
MIDDLE EOCENE	-405	>1331	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II	-983	156
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	1139	>597
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	-1401	61
			2		
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORO NUMBER: 1205703 COUNTY: HILLSBOROUGH LOCAL WELL NUMBER: FLAHL3 LAT: 0274240 LONG: 0822127
OPERATOR: SWFMD LEASE: SUN CITY RMP WELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 32S 19E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
12 X X X X X
DEPTH OF WELL (FT.) 1670

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+45	52
MIOCENE	-7	262
OLIGOCENE	-269	204
LATE EOCENE	-473	216
MIDDLE EOCENE	-689	>936
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+45	52
UPPER CONFINING UNIT, LS SYSTEM	-7	262
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-269	1103
SUB-REGIONAL LGH-PERM. UNIT:		
I		
II	-1372	>253
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1

2

3

RECORD NUMBER: 1203704 COUNTY: HILLSBOROUGH LOCAL WELL NUMBER: FLAHL4 LAT: 0274228 LONG: 0620818

OPERATOR: LEASE: G HOOD
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 32S 22E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
7 32S 22E

STATE GEOLOGICAL SURVEY WELL NUMBER: 59 865

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

PDST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE	A-240	>151	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-391	272	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	-663	>143	A-240		>566
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1205705 COUNTY: HILLSBOROUGH LOCAL WELL NUMBER: FLAHLIS LAT: 0275657 LONG : 0822516
OPERATOR: LEASE: #2 TAMPA INCENERATOR
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 29S 19E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
20 29S 19E

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+25	8
MIocene	+17	89
OLIGOCENE	-72	187
LATE EOCENE	-259	228
MIDDLE EOCENE	-487	>180
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+25	8
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+17	>684

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1205706 COUNTY: HILLSBOROUGH LOCAL WELL NUMBER: FLAHLIS LAT: 0280548 LONG: 0823557
 OPERATOR: LEASE: ST PETERSBURG E-100
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 17E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 34 27S 17E X X
 ELEVATION OF DERRICK FLOOR (FT.) 41
 ELEVATION OF GROUND LEVEL (FT.) 41
 DEPTH OF WELL (FT.) 1196

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+41	44	SURFICAL AQUIFER	+41	44
MIOCENE	-3	74	UPPER CONFINING UNIT, LS SYSTEM	-3	29
OLIGOCENE	-77	176	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-253	254	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-32	1020
MIDDLE EOCENE	-507	>648			
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II	-1052	>103
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1205903 COUNTY: HOLMES LOCAL WELL NUMBER: FLAHL8 LAT: 0305900 LONG: 0854133
OPERATOR: BREEDING LEASE: #1 N E COATES
SECTION TCWN- RANGE DATA AVAILABLE
SHIP 7N 15W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 7N 15W X
ELEVATION OF DERRICK FLOOR (FT.) 200
ELEVATION OF GROUND LEVEL (FT.) 195
DEPTH OF WELL (FT.) 4107

STATE GEOLOGICAL SURVEY WELL NUMBER: 61

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	+195	32
LATE EOCENE	-163	196
MIDDLE EOCENE	-33	488
EARLY EOCENE	-521	269
PALEOCENE	-790	713
CRETACEOUS	-1503	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+195	133
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	+62	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1205904 COUNTY: HOLMES LOCAL WELL NUMBER: FLAHO9 LAT: 0304224 LONG: 0855745

OPERATOR: SONAT LEASE: #1 RANDALL-HUGHES

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 17W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
32 4N 17W X

ELEVATION OF DERRICK FLOOR (FT.) 140
ELEVATION OF GROUND LEVEL (FT.) 117
DEPTH OF WELL (FT.) 11075

STATE GEOLOGICAL SURVEY WELL NUMBER: 716

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+9	>53
OLIGOCENE	-44	195
LATE EOCENE	-239	350
MIDDLE EOCENE	-589	450
EARLY EOCENE	-1039	802
PALEOCENE	-1841	718
CRETACEOUS	-2559	

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+9 >53

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -44 446

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -490

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1206101 COUNTY: INDIAN RIVER LOCAL WELL NUMBER: FLAIR-1 LAT: 0274540 LONG: 08C5030
OPERATOR: AMERADA LEASE: #1 FONDREN MITCHELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 31S 35E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
28 31S 35E X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 243

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-69	>187
OLIGOCENE		
LATE EOCENE	-256	6C
MIDDLE EOCENE	-316	1371
EARLY EOCENE	-1687	1099
PALEOCENE	-2786	1112
CRETACEOUS	-3898	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-69	>187
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-256	440
SUB-REGIONAL LCH-PERM. UNIT:		
I	-696	408
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1885	404
BOULDER ZONE	-1104	1996
BASE OF SYSTEM	-2289	382
LOCAL LOW-PERMEABILITY UNIT(S)	-3100	
1	-2693	93
2		
3		

RECORD NUMBER: 1206102 COUNTY: INDIAN RIVER LOCAL WELL NUMBER: FLAIR-2 LAT: 0273510 LONG: 08C3010

OPERATOR: PIPPIN LEASE: HERCULES

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 33S 38E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 33S 38E X

ELEVATION OF DERRICK FLOOR (FT.) 23
ELEVATION OF GROUND LEVEL (FT.) 23
DEPTH OF WELL (FT.) 3008

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

SURFICAL AQUIFER

MIOCENE

UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

MIDDLE EOCENE

>281

EARLY EOCENE

-1937

>1048

PALEOCENE

I

CRETACEOUS

II

III

IV

V

VI

VII

VIII

259

LOWER MAJOR PERMEABLE ZONE

A-1656

>1329

BOULDER ZONE

-2382

247

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

LONG : 0852140

ELEVATION OF

GROUND
LEVEL

125
(110)

TOP THICKNESS
(FT.)

144

RECORD NUMBER: 1206302 COUNTY: JACKSON LOCAL WELL NUMBER: FLA-JX6 LAT: 0305100 LONG: 0845948
OPERATOR: THOMPSON LEASE: #1 B.K. SHIVERS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 5N 8W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
11 5N 8W 95 89 3456

STATE GEOLOGICAL SURVEY WELL NUMBER: 241

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-458	>311
-769	450
-1219	545
-1764	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-458 >147

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM 605

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1206303 COUNTY: JACKSON LOCAL WELL NUMBER: FLA-JX7 LAT: 0304318 LONG: 0850412
OPERATOR: LARUE LEASE: #1 L.A. SPENCER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
30 4N 8W X
141 132 4120

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
SURFICIAL AQUIFER			
UPPER CONFINING UNIT, LS SYSTEM			
LIMESTONE AQUIFER SYSTEM:			
UPPER MAJOR PERMEABLE ZONE			
(TOP OF SYSTEM)			
SUB-REGIONAL LOW-PERM. UNIT:			
I			
II			
III			
IV			
V			
VI			
VII			
VIII			
LOWER MAJOR PERMEABLE ZONE			
BOULDER ZONE			
BASE OF SYSTEM			
LOCAL LOW-PERMEABILITY UNIT(S)			
1			
2			
3			

RECORD NUMBER: 12G6304 COUNTY: JACKSON LOCAL WELL NUMBER: FLA-JX8 LAT: 0305702 LONG: 0852406
 OPERATOR: LEASE: CITY OF CAMPBELLTON
 SECTION TOWN-SHIP RANGE DATA AVAILABLE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
 2 6N 12W X 183 897

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+183	87		SURFICAL AQUIFER	+183	87	
MIOCENE				UPPER-CONFINING UNIT, LS SYSTEM			
OLIGOCENE	+96	71		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	+25	114		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+96	185	
MIDDLE EOCENE	-89	432		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-521	>193		I			
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM	-89		
				LOCAL LOW-PERMEABILITY UNIT(S)			

- 1
- 2
- 3

RECORD NUMBER: 1206305 COUNTY: JACKSON LOCAL WELL NUMBER: FLA-JX9 LAT: 0304142 LONG: 0852141
 OPERATOR: LEASE: BRADY FCRA
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 3N 11W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 5 3N 11W

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+118	66
MIOCENE	+52	130
OLIGOCENE	-78	130
LATE EOCENE	-208	>108
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+118	66
UPPER CONFINING UNIT, LS. SYSTEM	+52	130
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-78	>238

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1206501 COUNTY: JEFFERSON LOCAL WELL NUMBER: FLAJEF1 LAT: 0302224 LONG: 083590C

OPERATOR: COASTAL LEASE: #1 E.P. LARSH

SECTION 1 TOWN- RANGE DATA AVAILABLE

1 2S 3E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 51
 ELEVATION OF GROUND LEVEL (FT.) 39
 DEPTH OF WELL (FT.) 7913

STATE GEOLOGICAL SURVEY WELL NUMBER: 95

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	+39	10
OLIGOCENE	+29	161
LATE EOCENE	-132	487
MIDDLE EOCENE	-619	1153
EARLY EOCENE	-1772	570
PALEOCENE	-2342	165
CRETACEOUS	-2507	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	+39	10
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+29	889
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-860	170
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1030	742
BOULDER ZONE		
BASE OF SYSTEM	-1772	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-1210	60
2		
3		

RECORD NUMBER: 1206502 COUNTY: JEFFERSON LOCAL WELL NUMBER: FLAJEF2 LAT: 0301830 LONG : 0835100
OPERATOR: AMOCO LEASE: #1 BUCKEYE CELLULOSE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 17 2S 5E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 468

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-1558	>194
EARLY EOCENE	-1752	528
PALEOCENE	-2280	147
CRETACEOUS	-2427	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LCW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE A-1558 >194

BOULDER ZONE

BASE OF SYSTEM -1752

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1206701 COUNTY: LAFAYETTE LOCAL WELL NUMBER: FLALAF1 LAT: 0300840 LONG : 0831350

OPERATOR: HUMBLE LEASE: #1 R.L. HENDERSON

SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DEPTH
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG FLOOR OF
20 4S 11E X X X X (FT.) WELL
43 X X X 52 43 4235

STATE GEOLOGICAL SURVEY WELL NUMBER: 67

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE					
MIocene					
OLIGOCENE					
LATE EOCENE	+43	316	SURFICAL AQUIFER		
MIDDLE EOCENE	-273	693	UPPER CONFINING UNIT, LS SYSTEM		
EARLY EOCENE	-966	305	LIMESTONE AQUIFER SYSTEM:		
PALEOCENE	-1271	395	UPPER MAJOR PERMEABLE ZONE		
CRETACEOUS	-1666		(TOP OF SYSTEM)		
			SUB-REGIONAL LOW-PERM. UNIT:		
			I		
			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			-1327		

- 1
- 2
- 3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER: 114

HYDROLOGIC UNITS

[illegible]

SURFICAL AQUIFER

[illegible]

SUB-REGIONAL LOW-PERM. UNIT:

1

11

III

IV

➤

WI

11

III

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

NY

RECORD NUMBER: 1206703 COUNTY: LAFAYETTE LOCAL WELL NUMBER: FLALAF4 LAT: 0295610 LONG : 0830430

OPERATOR: SUN LEASE: #1 P.C. CRAPPS

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 12E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
25 6S 12E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 4

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	A+1 >409	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A+1 >1168
MIDDLE EOCENE	-408 564		
EARLY EOCENE	-972 246	SUB-REGIONAL LOW-PERM. UNIT:	
PALEOCENE	-1218 468	I	
CRETACEOUS	-1686	II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -1167
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1206704 COUNTY: LAFAYETTE LOCAL WELL NUMBER: FLALAF5 LAT: 0295730 LONG: 0825650

OPERATOR: COASTAL LEASE: #1 RONALD SAPP

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 14E 6S CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
18 6S 14E 6S X X X X

ELEVATION OF DERRICK FLOOR (FT.) 39
ELEVATION OF GROUND LEVEL (FT.) 27
DEPTH OF WELL (FT.) 3507

STATE GEOLOGICAL SURVEY WELL NUMBER: 100

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-72 >278
-350 530
-880 270
-1150 410
-1560

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-72 >1143

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1215

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1206705 COUNTY: LAFAYETTE LOCAL WELL NUMBER: FLA1AF6 LAT: 0295010 LONG: 0830945
 OPERATOR: JETT-PHILLIPS LEASE: #1 BUCKEYE-CRAPPS
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 12E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 30 75 12E X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 347

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS (FT.) ELEVATION OF TOP THICKNESS (FT.)
 (MSL) (MSL)

POST-MIOCENE SURFICIAL AQUIFER

MIocene UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE LIMESTONE AQUIFER SYSTEM:

LATE EOCENE UPPER MAJOR PERMEABLE ZONE

MIDDLE EOCENE (TOP OF SYSTEM) A-1042 >172

EARLY EOCENE SUB-REGIONAL LOW-PERM. UNIT:

PALEOCENE I >255

CRETACEOUS II 501

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1214

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1206901 COUNTY: LAKE LOCAL WELL NUMBER: FLA-LK7 LAT: 0282542 LONG: 0814933

OPERATOR: AMOCC LEASE: #1 ARNOLD INDUSTRIES

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 24S 25E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
5 X X X X X
DEPTH OF WELL (FT.) 5780
ELEVATION OF DERRICK FLOOR (FT.) 127
ELEVATION OF GROUND LEVEL (FT.) 114

STATE GEOLOGICAL SURVEY WELL NUMBER: 629

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+114	37
MIocene	+77	15
OLIGOCENE		
LATE EOCENE	+62	115
MIDDLE EOCENE	-53	1592
EARLY EOCENE	-1645	550
PALEOCENE	-2195	968
CRETACEOUS	-3163	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+114	37
UPPER CONFINING UNIT, LS SYSTEM	+77	15
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+62	400
SUB-REGIONAL LOW-PERM. UNIT:		
I	-338	575
II	-913	170
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1083	1204
BOULDER ZONE		
BASE OF SYSTEM	-2267	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

M

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1206903 COUNTY: LAKE LOCAL WELL NUMBER: FLALK10 LAT: 0284210 LONG: 0814623

OPERATOR: LEASE: GRIFFIN GROVES

SECTION TOWN- RANGE
SHIP 20S 25E

CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
106
106
728

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE +106 36
MIOCENE +70 76
OLIGOCENE
LATE EOCENE -6 104
MIDDLE EOCENE -110 >512
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

SURFICAL AQUIFER +106 36
UPPER CONFINING UNIT, LS SYSTEM +70 76
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -6 266
SUB-REGIONAL LOW-PERM. UNIT:

I
II -272 268
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -540 >82
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1207101 COUNTY: LEE LOCAL WELL NUMBER: FLAEE1 LAT: 0264307 LONG: 0821702
 OPERATOR: CALIFORNIA LEASE: #1 FLA ST LSE 224-B
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 X X X X X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 289

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICAL AQUIFER	
MIocene	A-67	UPPER CONFINING UNIT, LS SYSTEM	A-67
			>427
OLIGOCENE	-494	LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	-824	UPPER MAJOR PERMEABLE ZONE	
MIDDLE EOCENE	-1182	(TOP OF SYSTEM)	-494
EARLY EOCENE	-2299		1141
PALEOCENE	-3409	SUB-REGIONAL LOW-PERM. UNIT:	
CRETACEOUS	-5339	I	
		II	-1635
		III	
		IV	
		V	
		VI	-2005
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	-1900
		2115	
		BOULDER ZONE	
		BASE OF SYSTEM	-4015
		LOCAL LOW-PERMEABILITY UNIT(S)	
		1	-3004
		2	
		3	146

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BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER: 160

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
1	100.0	1.0
2	99.0	1.0
3	98.0	1.0
4	97.0	1.0
5	96.0	1.0
6	95.0	1.0
7	94.0	1.0
8	93.0	1.0
9	92.0	1.0
10	91.0	1.0
11	90.0	1.0
12	89.0	1.0
13	88.0	1.0
14	87.0	1.0
15	86.0	1.0
16	85.0	1.0
17	84.0	1.0
18	83.0	1.0
19	82.0	1.0
20	81.0	1.0
21	80.0	1.0
22	79.0	1.0
23	78.0	1.0
24	77.0	1.0
25	76.0	1.0
26	75.0	1.0
27	74.0	1.0
28	73.0	1.0
29	72.0	1.0
30	71.0	1.0
31	70.0	1.0
32	69.0	1.0
33	68.0	1.0
34	67.0	1.0
35	66.0	1.0
36	65.0	1.0
37	64.0	1.0
38	63.0	1.0
39	62.0	1.0
40	61.0	1.0
41	60.0	1.0
42	59.0	1.0
43	58.0	1.0
44	57.0	1.0
45	56.0	1.0
46	55.0	1.0
47	54.0	1.0
48	53.0	1.0
49	52.0	1.0
50	51.0	1.0
51	50.0	1.0
52	49.0	1.0
53	48.0	1.0
54	47.0	1.0
55	46.0	1.0
56	45.0	1.0
57	44.0	1.0
58	43.0	1.0
59	42.0	1.0
60	41.0	1.0
61	40.0	1.0
62	39.0	1.0
63	38.0	1.0
64	37.0	1.0
65	36.0	1.0
66	35.0	1.0
67	34.0	1.0
68	33.0	1.0
69	32.0	1.0
70	31.0	1.0
71	30.0	1.0
72	29.0	1.0
73	28.0	1.0
74	27.0	1.0
75	26.0	1.0
76	25.0	1.0
77	24.0	1.0
78	23.0	1.0
79	22.0	1.0
80	21.0	1.0
81	20.0	1.0
82	19.0	1.0
83	18.0	1.0
84	17.0	1.0
85	16.0	1.0
86	15.0	1.0
87	14.0	1.0
88	13.0	1.0
89	12.0	1.0
90	11.0	1.0
91	10.0	1.0
92	9.0	1.0
93	8.0	1.0
94	7.0	1.0
95	6.0	1.0
96	5.0	1.0
97	4.0	1.0
98	3.0	1.0
99	2.0	1.0
100	1.0	1.0
101	0.0	1.0
102	-1.0	1.0
103	-2.0	1.0
104	-3.0	1.0
105	-4.0	1.0
106	-5.0	1.0
107	-6.0	1.0
108	-7.0	1.0
109	-8.0	1.0
110	-9.0	1.0
111	-10.0	1.0
112	-11.0	1.0
113	-12.0	1.0
114	-13.0	1.0
115	-14.0	1.0
116	-15.0	1.0
117	-16.0	1.0
118	-17.0	1.0
119	-18.0	1.0

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE A-1038 >393

MIDDLE EOCENE -1431 840

EARLY Eocene -2271 1105

PALEOCENE -3376 2185

CRETACEOUS
-5561

1 2 3

STATE GEOLOGICAL SURVEY WELL NUMBER: 161

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+5	60	SURFICAL AQUIFER	+5	65
MIocene	-55	660	UPPER CONFINING UNIT, LS SYSTEM	-60	938
OLIGOCENE	-715	403	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-1118	303	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-998	1105
MIDDLE EOCENE	-1421	900			
EARLY EOCENE	-2321	1055	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-3376	2220	I		
			II		
			III		
			IV		
			V		
			VI	-2103	218
			VII		
			VIII	-2705	245
			LOWER MAJOR PERMEABLE ZONE	-2321	1681
			BOULDER ZONE	-2950	240
			BASE OF SYSTEM	-4002	
CRETACEOUS	-5596		LOCAL LOW-PERMEABILITY UNIT(S)		

1 2 3

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BASIC WELL DATA

RECORD NUMBER: 1207104 COUNTY: LEE LOCAL WELL NUMBER: FLALEE4 LAT: 0262530 LONG: 0813500

OPERATOR: MOBIL LEASE: #1 HENRY SANDERS

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 46S 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
35 46S 27E X

ELEVATION OF DERRICK FLOOR (FT.) 40
ELEVATION OF GROUND LEVEL (FT.) 26
DEPTH OF WELL (FT.) 11960

STATE GEOLOGICAL SURVEY WELL NUMBER: 408

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>1893

A-3700

-5593

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

A-3700

>319

BOULDER ZONE

BASE OF SYSTEM

-4019

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1207105 COUNTY: LEE LOCAL WELL NUMBER: FLAEE5 LAT: 0262900 LONG : 0813650

OPERATOR: HUMBLE LEASE: #1 CON. NAVAL STORES

SECTION TOWN- RANGE' DATA AVAILABLE

SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL (FT.)

16 46S 27E X 47 30 11906

STATE GEOLOGICAL SURVEY WELL NUMBER: 271

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	A-1160	>407	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-1160	>985
MIDDLE EOCENE	-1567	839			
EARLY EOCENE	-2406	945	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-3351	2200	I		
CRETACEOUS	-5551		II		
			III		
			IV		
			V		
			VI	-2145	261
			VII		
			VIII	-2815	223
			LOWER MAJOR PERMEABLE ZONE	-2406	1586
			BOULDER ZONE		
			BASE OF SYSTEM	-3992	
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1207506 COUNTY: LEE LOCAL WELL NUMBER: FLALEE6 LAT: 0264118 LONG: 0814342
OPERATOR: HUGHES LEASE: #1 N.M. HUNTER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 43S 26E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
33 43S 26E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 520

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>1890

A-3529

-5419

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LCW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

A-3529

>451

BOULDER ZONE

BASE OF SYSTEM

-3980

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1207507 COUNTY: LEE LOCAL WELL NUMBER: FLALEE7 LAT: 0262627 LONG: 0820518
OPERATOR:
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 46S 22E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
28 46S 22E X
STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+5	57		SURFICAL AQUIFER	+5	57	
MIocene	-52	613		UPPER CONFINING UNIT, LS SYSTEM	-52	613	
OLIGOCENE	-665	>225		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE				UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-665	>225	
MIDDLE EOCENE				SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE				I			
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM			
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

HYDROLOGIC UNITS

265

RECORD NUMBER: 1207302 COUNTY: LEON LOCAL WELL NUMBER: FLA-LN2 LAT: 0301842 LONG: 0841142
OPERATOR: PHILLIPS LEASE: #1 ST JCE "A"
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
14 2S 1E X X X X X
17 17 17 17 17 17 17 17
10466 10466 10466 10466 10466 10466 10466 10466

STATE GEOLOGICAL SURVEY WELL NUMBER: 717

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

SURFICIAL AQUIFER			
UPPER CONFINING UNIT, LS SYSTEM			
LIMESTONE AQUIFER SYSTEM:			
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-35 >1650			
SUB-REGIONAL LOW-PERM. UNIT:			
POST-MIOCENE		I	
MIocene		II	
OLIGOCENE	A-35 >205	III	
LATE EOCENE	-240 440	IV	
MIDDLE EOCENE	-680 1005	V	
EARLY EOCENE	-1685 750	VI	
PALEOCENE	-2435 140	VII	
CRETACEOUS	-2575	VIII	

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -1685
LOCAL LOW-PERMEABILITY UNIT(S)
1
2
3

RECORD NUMBER: 1207303 COUNTY: LEON LOCAL WELL NUMBER: FLA-LN3 LAT: 0302718 LONG: 0842353

OPERATOR: LEASE: TALLAHASSEE, HOPKINS 3
SECTION TOWN-SHIP RANGE DATA AVAILABLE
26 1N 2W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 138
ELEVATION OF GROUND LEVEL (FT.) 138
DEPTH OF WELL (FT.) 406

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE	+138	16	SURFICAL AQUIFER	+138	16
MIOCENE	+122	210	UPPER CONFINING UNIT, LS SYSTEM	+122	87
OLIGOCENE	-88	118	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-206	>62	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+35	>303

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	-88	44
2		
3		

RECORD NUMBER: 1207304 COUNTY: LEON LOCAL WELL NUMBER: FLA-LN4 LAT: 0302314 LONG: 0843845
OPERATOR: FLA BUR GEOL LEASE: JACKSON BLUFF CORE NO
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1S 4W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
21 1S 4W X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 6599

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+61	5
MIocene	+56	240
OLIGOCENE	-184	151
LATE EOCENE	-335	>129
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	+61	148
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-87	>377

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	-184	43
2		
3		

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

+28

-9

-1059

-1569

-2154

37

1050

510

585

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

+28

1730

-1702

RECORD NUMBER: 1207502 COUNTY: LEVY LOCAL WELL NUMBER: FLA-LV4 LAT: 0291100 LONG: 0830059
 OPERATOR: COASTAL LEASE: #1 RAGLAND
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 13E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 16 15S 13E X X X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 66

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+5	20
MIocene		
OLIGOCENE		
LATE EOCENE	-15	>80
MIDDLE EOCENE	-207	>963
EARLY EOCENE	-1170	534
PALEOCENE	-1704	550
CRETACEOUS	-2254	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+5	20
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-15	533
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II	-548	282
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-830	955
BOULDER ZONE		
BASE OF SYSTEM	-1785	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-1153	17
2		
3		

RECORD NUMBER: 1207504 COUNTY: LEVY LOCAL WELL NUMBER: FLA-LV6 LAT: 0290524 LONG: 0825516
OPERATOR: MCBIL LEASE: #1-B FLA ST LSE 224-A ELEVATION OF DERRICK FLOOR (FT.) 24 DEPTH OF WELL (FT.) 4735
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
SHIP

STATE GEOLOGICAL SURVEY WELL NUMBER: 383

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-1175	>100
EARLY EOCENE	-1275	560
PALEOCENE	-1835	6C5
CRETACEOUS	-2440	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LGW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	A-1175	>920
BOULDER ZONE		
BASE OF SYSTEM	-2095	
LOCAL LGW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1207505 COUNTY: LEVY LOCAL WELL NUMBER: FLA-LV7 LAT: 0290743 LONG : 0823445

OPERATOR: USGS LEASE: TIDEWATER #1 TEST WEL

SECTION TCWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)

34 15S 17E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X 76 960

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+76	135	SURFICAL AQUIFER	+76	135
MIocene	-59	79	UPPER CONFINING UNIT, LS SYSTEM	-59	79
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-138	492
MIDDLE EOCENE	-138	>746	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II	-630	244
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-874	>10
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1207701 COUNTY: LIBERTY LOCAL WELL NUMBER: FLA181 LAT: 0300410 LONG: 0845615

OPERATOR: GULF COAST LEASE: #1 US FORESTRY SERVICE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 5S 7W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
4 SS 7W X X X X

ELEVATION OF DERRICK FLOOR (FT.) 49
ELEVATION OF GROUND LEVEL (FT.) 38
DEPTH OF WELL (FT.) 10010

STATE GEOLOGICAL SURVEY WELL NUMBER: 277

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+38	15
MIocene	+23	315
OLIGOCENE	-292	540
LATE EOCENE	-832	701
MIDDLE EOCENE	-1533	547
EARLY EOCENE	-2080	528
PALEOCENE	-2608	377
CRETACEOUS	-2985	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+38	15
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+23	1870
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV	-1847	233
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-2080	808
BOULDER ZONE		
BASE OF SYSTEM	-2888	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1207702 COUNTY: LIBERTY LOCAL WELL NUMBER: FLALIB2 LAT: 0300230 LONG: 0844718
OPERATOR: PURE LEASE: #1 GEX-LEWIN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 5S 6W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
24 5S 6W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 14

HYDROLOGIC UNITS
ELEVATION OF TOP THICKNESS
OF UNIT (FT.) UNIT OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-947 >1128
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III
IV -2075 263
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -2338 404
BOULDER ZONE
BASE OF SYSTEM -2742
LOCAL LOW-PERMEABILITY UNIT(S)
1 -2560 120
2
3

RECORD NUMBER: 1207703 COUNTY: LIBERTY LOCAL WELL NUMBER: FLAL1B3 LAT: 0302900 LONG: 084480C
OPERATOR: SUN LEASE: #1 ST JCSEPH L&D
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1A 6W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
14 1A 6W
STATE GEOLOGICAL SURVEY WELL NUMBER: 248

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A-100	>53
LATE EOCENE	-153	440
MIDDLE EOCENE	-593	730
EARLY EOCENE	-1323	565
PALEOCENE	-1888	485
CRETACEOUS	-2373	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-100	>914
SUB-REGIONAL LCW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-1014	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1207704 COUNTY: LIBERTY LOCAL WELL NUMBER: FLALIB4 LAT: 0302521 LONG: 0845227
OPERATOR: ADAMS LEASE: #1 ST JOE PAPER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1S 6W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
6 1S 6W X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 88

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+176	90		SURFICAL AQUIFER	+176	9C	
MIOCENE	+86	96		UPPER CONFINING UNIT, LS SYSTEM	+86	77	
OLIGOCENE	-10	240		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-250	415		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+9	1180	
MIDDLE EOCENE	-655	805		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-1460	580		I			
PALEOCENE	-2040	360		II			
CRETACEOUS	-2400			III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM	-1171		
				LOCAL LCW-PERMEABILITY UNIT(S)			
				1	-149	16	
				2			
				3			

RECORD NUMBER: 1207705 COUNTY: LIBERTY LOCAL WELL NUMBER: FLAL185 LAT: 0301548 LONG: 0850212
OPERATOR: PURE LEASE: #1 NEAL LBR CO
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL
33 2S 8W X 69 (FT.) (FT.) (FT.) (FT.) 4507

STATE GEOLOGICAL SURVEY WELL NUMBER: 7

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-790 >255

-1045

-1705

-2385

-2725

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-790 >758

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

-1548 535

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1548

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1207706 COUNTY: LIBERTY LOCAL WELL NUMBER: FLAL186 LAT: 0300730 LONG: 0845030
OPERATOR: PLACID LEASE: #1 USA 16-3
SECTION TOWN-RANGE DATA AVAILABLE
SHIP 16 4S 6W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
16 4S 6W
STATE GEOLOGICAL SURVEY WELL NUMBER: 745

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICIAL AQUIFER		
MIocene	A+15	>159	UPPER CONFINING UNIT, LS SYSTEM	A+15	>126
OLIGOCENE	-144	590	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-734	468	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-111	1727
MIDDLE EOCENE	-1202	767	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1969	565	I		
PALEOCENE	-2534	370	II		
CRETACEOUS	-2904		III		
			IV	-1838	477
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-2315	145
			BOULDER ZONE		
			BASE OF SYSTEM	-2460	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: 1207707 COUNTY: LIBERTY LOCAL WELL NUMBER: FLALIB7 LAT: 0301100 LONG: 0844155
OPERATOR: PLACID LEASE: #1 USA 26-4
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3S 5W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
26 3S 5W 62 47 11965

STATE GEOLOGICAL SURVEY WELL NUMBER: 730

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIOCENE	A-8	>289
OLIGOCENE	-297	370
LATE EOCENE	-667	350
MIDDLE EOCENE	-1017	910
EARLY EOCENE	-1927	643
PALEOCENE	-2570	289
CRETACEOUS	-2859	

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM	A-8	>289
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-297	1630

SUB-REGIONAL LOW-PERM. UNIT:

I		
II		
III		
IV	-1927	288
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE	-2215	200
BOULOER ZONE		
BASE OF SYSTEM	-2415	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1207708 COUNTY: LIBERTY LOCAL WELL NUMBER: FLAL188 LAT: 0300800 LONG: 084554C
OPERATOR: PLACID LEASE: #1 LSA 10-3
SECTION TOWN-SHIP RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL
10 4S 7W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG (FT.) (FT.) (FT.)
X 75 60 12660

STATE GEOLOGICAL SURVEY WELL NUMBER: 769

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE	A-25	>189	UPPER CONFINING UNIT, LS SYSTEM	A-25	>116
OLIGOCENE	-214	620	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-834	420	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-141	1753
MIDDLE EOCENE	-1254	760	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-2014	600	I		
PALEOCENE	-2614	310	II		
CRETACEOUS	-2924		III		
			IV	-1894	298
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-2192	422
			BOULDER ZONE		
			BASE OF SYSTEM	-2614	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: 1207901 COUNTY: MADISON LOCAL WELL NUMBER: FLAPAD1 LAT: 0302400 LONG : 0831412
OPERATOR: HUNT LEASE: #1 J.W. GIBSON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
16 1S 11E 11E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 2357

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
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POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE	A-210	>47
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MIDDLE EOCENE	-257	702
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EARLY EOCENE	-959	543
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PALEOCENE	-1502	347
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CRETACEOUS	-1849	
------------	-------	--

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-210	493
---	-------	-----

SUB-REGIONAL LOW-PERM. UNIT:

I		
---	--	--

II		
----	--	--

III	-703	13
-----	------	----

IV		
----	--	--

V		
---	--	--

VI		
----	--	--

VII		
-----	--	--

VIII		
------	--	--

LOWER MAJOR PERMEABLE ZONE	-716	760
----------------------------	------	-----

BOULDER ZONE		
--------------	--	--

BASE OF SYSTEM	-1476	
----------------	-------	--

LOCAL LOW-PERMEABILITY UNIT(S)

1	-868	93
---	------	----

2		
---	--	--

3		
---	--	--

RECORD NUMBER: 1207902 COUNTY: MADISON LOCAL WELL NUMBER: FLAMAD2 LAT: 0302548 LONG: 0832130

OPERATOR: HUNT LEASE: #2 J.W. GIBSON

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1S 10E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
6 1S 10E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1596

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-118 >185
-303 748
-1051 432
-1483 366
-1849

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-118 >589

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

-707

61

LOWER MAJOR PERMEABLE ZONE -768

BOULDER ZONE

BASE OF SYSTEM -1417

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1207903 COUNTY: MADISON LOCAL WELL NUMBER: FLAPAD3 LAT: 0301824 LONG : 0831539
OPERATOR: HUNT LEASE: #3 J.W. GIBSON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 18 25 11E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
18 25 11E

STATE GEOLOGICAL SURVEY WELL NUMBER: 1597

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-221	>22
MIDDLE EOCENE	-243	795
EARLY EOCENE	-1038	468
PALEOCENE	-1506	359
CRETACEOUS	-1905	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-221	543
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-764	33
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-797	663
BOULDER ZONE		
BASE OF SYSTEM	-1460	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

2

RECORD NUMBER: 1208101 COUNTY: MANATEE LOCAL WELL NUMBER: FLAPAN1 LAT: 0272700 LONG : 0822300

OPERATOR: MAGNOLIA LEASE: #1 SCHROEDER-MANATEE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 35S 19E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
11 X X X X X
ELEVATION OF DERRICK FLOOR (FT.) 69
ELEVATION OF GROUND LEVEL (FT.) 56
DEPTH OF WELL (FT.) 11228

STATE GEOLOGICAL SURVEY WELL NUMBER: 236

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	+56	330
OLIGOCENE	-274	390
LATE EOCENE	-664	230
MIDDLE EOCENE	-894	1445
EARLY EOCENE	-2339	970
PALEOCENE	-3309	2065
CRETACEOUS	-5374	

SURFICAL AQUIFER

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UPPER CONFINING UNIT, LS SYSTEM	+56	370
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-314	1337
SUB-REGIONAL LOW-PERM. UNIT:		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
I		
II	-1651	380
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE	-2031	1819
BOULDER ZONE		
BASE OF SYSTEM	-3850	
LOCAL LOW-PERMEABILITY UNIT(S)		

1	-2157	182
2		
3		

RECORD NUMBER: 1208102 COUNTY: MANATEE LOCAL WELL NUMBER: FLAMANZ LAT: 0273336 LONG: 0821630
OPERATOR: AMOCO LEASE: #1 ST P'BURG BNK 35-4
SECTION TOWN-SHIP RANGE DATA AVAILABLE
35 33S 20E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 759

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-276	>62
OLIGOCENE	-338	>269
LATE EOCENE	-607	204
MIDDLE EOCENE	-811	1269
EARLY EOCENE	-2080	1050
PALEOCENE	-3130	2060
CRETACEOUS	-5190	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-276	>62
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-338	1521
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II	-1559	228
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1787	1853
BOULDER ZONE		
BASE OF SYSTEM	-3640	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-2005	75
2	-2780	115
3		

RECORD NUMBER: 1208103 COUNTY: MANATEE LOCAL WELL NUMBER: FLAMAN3 LAT: 0271435 LONG: 0820410
OPERATOR: PIPPIN LEASE: PHILLIPS TEST SITE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 37S 23E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAPMA LOG X
19 37S 23E

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+52	30
MIOCENE	+22	454
OLIGOCENE	-432	311
LATE EOCENE	-743	312
MIDDLE EOCENE	-1055	>903
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+52	30
UPPER CONFINING UNIT, LS SYSTEM	+22	454
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-432	1421
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II	-1853	>105
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

STATE GEOLOGICAL SURVEY WELL NUMBER:

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
1	10.0	1.0
2	9.0	1.0
3	8.0	1.0
4	7.0	1.0
5	6.0	1.0
6	5.0	1.0
7	4.0	1.0
8	3.0	1.0
9	2.0	1.0
10	1.0	1.0
11	0.0	1.0
12	-1.0	1.0
13	-2.0	1.0
14	-3.0	1.0
15	-4.0	1.0
16	-5.0	1.0
17	-6.0	1.0
18	-7.0	1.0
19	-8.0	1.0
20	-9.0	1.0
21	-10.0	1.0
22	-11.0	1.0
23	-12.0	1.0
24	-13.0	1.0
25	-14.0	1.0
26	-15.0	1.0
27	-16.0	1.0
28	-17.0	1.0
29	-18.0	1.0
30	-19.0	1.0
31	-20.0	1.0
32	-21.0	1.0
33	-22.0	1.0
34	-23.0	1.0
35	-24.0	1.0
36	-25.0	1.0
37	-26.0	1.0
38	-27.0	1.0
39	-28.0	1.0
40	-29.0	1.0
41	-30.0	1.0
42	-31.0	1.0
43	-32.0	1.0
44	-33.0	1.0
45	-34.0	1.0
46	-35.0	1.0
47	-36.0	1.0
48	-37.0	1.0
49	-38.0	1.0
50	-39.0	1.0
51	-40.0	1.0
52	-41.0	1.0
53	-42.0	1.0
54	-43.0	1.0
55	-44.0	1.0
56	-45.0	1.0
57	-46.0	1.0
58	-47.0	1.0
59	-48.0	1.0
60	-49.0	1.0
61	-50.0	1.0
62	-51.0	1.0
63	-52.0	1.0
64	-53.0	1.0
65	-54.0	1.0
66	-55.0	1.0
67	-56.0	1.0
68	-57.0	1.0
69	-58.0	1.0
70	-59.0	1.0
71	-60.0	1.0
72	-61.0	1.0
73	-62.0	1.0
74	-63.0	1.0
75	-64.0	1.0
76	-65.0	1.0
77	-66.0	1.0
78	-67.0	1.0
79	-68.0	1.0
80	-69.0	1.0
81	-70.0	1.0
82	-71.0	1.0
83	-72.0	1.0
84	-73.0	1.0
85	-74.0	1.0
86	-75.0	1.0
87	-76.0	1.0
88	-77.0	1.0
89	-78.0	1.0
90	-79.0	1.0
91	-80.0	1.0
92	-81.0	1.0
93	-82.0	1.0
94	-83.0	1.0
95	-84.0	1.0
96	-85.0	1.0
97	-86.0	1.0
98	-87.0	1.0
99	-88.0	1.0
100	-89.0	1.0
101	-90.0	1.0
102	-91.0	1.0
103	-92.0	1.0
104	-93.0	1.0
105	-94.0	1.0
106	-95.0	1.0
107	-96.0	1.0
108	-97.0	1.0
109	-98.0	1.0
110	-99.0	1.0
111	-100.0	1.0
112	-101.0	1.0
113	-102.0	1.0
114	-103.0	1.0
115	-104.0	1.0
116	-105.0	1.0
117	-106.0	1.0
118	-107.0	1.0
119	-108.0	1.

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-167 >169

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE -336 1232
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II -1568 222

1 2 3

RECORD NUMBER: 1208105 COUNTY: MANATEE LOCAL WELL NUMBER: FLAMANS LAT: 0272557 LONG : 0823023

OPERATOR: LEASE: MANATEE FRUIT

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 18E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
16 35S 18E X X X X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+21	16
MIocene	+5	448
OLIGOCENE	-443	128
LATE EOCENE	-693	>45
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+21	16
UPPER CONFINING UNIT, LS SYSTEM	+5	448
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-443	>295
SUB-REGIONAL LOW-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

3

RECORD NUMBER: 1208301 COUNTY: MARION LOCAL WELL NUMBER: FLAMAR3 LAT: 0291500 LONG : 0820345

OPERATOR: SUN LEASE: #1 H T PARKER

SECTION TOWN- RANGE
SHIP 14S 22E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X

ELEVATION OF DERRICK FLOOR (FT.) 79
ELEVATION OF GROUND LEVEL (FT.) 69
DEPTH OF WELL (FT.) 3845

STATE GEOLOGICAL SURVEY WELL NUMBER: 101

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A+27	>37
MIDDLE EOCENE	-10	1040
EARLY EOCENE	-105C	465
PALEOCENE	-1515	705
CRETACEOUS	-2220	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A+27	177
SUB-REGIONAL LOW-PERM. UNIT:		
I	-150	190
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-340	1340
BOULDER ZONE		
BASE OF SYSTEM	-1681	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
74	64	4637

WELL	WELL
(FT.)	(FT.)
64	4637

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
1	10.0	1.0
2	9.0	1.0
3	8.0	1.0
4	7.0	1.0
5	6.0	1.0
6	5.0	1.0
7	4.0	1.0
8	3.0	1.0
9	2.0	1.0
10	1.0	1.0
11	0.0	1.0
12	-1.0	1.0
13	-2.0	1.0
14	-3.0	1.0
15	-4.0	1.0
16	-5.0	1.0
17	-6.0	1.0
18	-7.0	1.0
19	-8.0	1.0
20	-9.0	1.0
21	-10.0	1.0
22	-11.0	1.0
23	-12.0	1.0
24	-13.0	1.0
25	-14.0	1.0
26	-15.0	1.0
27	-16.0	1.0
28	-17.0	1.0
29	-18.0	1.0
30	-19.0	1.0
31	-20.0	1.0
32	-21.0	1.0
33	-22.0	1.0
34	-23.0	1.0
35	-24.0	1.0
36	-25.0	1.0
37	-26.0	1.0
38	-27.0	1.0
39	-28.0	1.0
40	-29.0	1.0
41	-30.0	1.0
42	-31.0	1.0
43	-32.0	1.0
44	-33.0	1.0
45	-34.0	1.0
46	-35.0	1.0
47	-36.0	1.0
48	-37.0	1.0
49	-38.0	1.0
50	-39.0	1.0
51	-40.0	1.0
52	-41.0	1.0
53	-42.0	1.0
54	-43.0	1.0
55	-44.0	1.0
56	-45.0	1.0
57	-46.0	1.0
58	-47.0	1.0
59	-48.0	1.0
60	-49.0	1.0
61	-50.0	1.0
62	-51.0	1.0
63	-52.0	1.0
64	-53.0	1.0
65	-54.0	1.0
66	-55.0	1.0
67	-56.0	1.0
68	-57.0	1.0
69	-58.0	1.0
70	-59.0	1.0
71	-60.0	1.0
72	-61.0	1.0
73	-62.0	1.0
74	-63.0	1.0
75	-64.0	1.0
76	-65.0	1.0
77	-66.0	1.0
78	-67.0	1.0
79	-68.0	1.0
80	-69.0	1.0
81	-70.0	1.0
82	-71.0	1.0
83	-72.0	1.0
84	-73.0	1.0
85	-74.0	1.0
86	-75.0	1.0
87	-76.0	1.0
88	-77.0	1.0
89	-78.0	1.0
90	-79.0	1.0
91	-80.0	1.0
92	-81.0	1.0
93	-82.0	1.0
94	-83.0	1.0
95	-84.0	1.0
96	-85.0	1.0
97	-86.0	1.0
98	-87.0	1.0
99	-88.0	1.0
100	-89.0	1.0
101	-90.0	1.0
102	-91.0	1.0
103	-92.0	1.0
104	-93.0	1.0
105	-94.0	1.0
106	-95.0	1.0
107	-96.0	1.0
108	-97.0	1.0
109	-98.0	1.0
110	-99.0	1.0
111	-100.0	1.0
112	-101.0	1.0
113	-102.0	1.0
114	-103.0	1.0
115	-104.0	1.0
116	-105.0	1.0
117	-106.0	1.0
118	-107.0	1.0
119	-108.0	1.

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE

(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

•

二

•

IV

✓

VI

vii

viii

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1208303 COUNTY: MARION LOCAL WELL NUMBER: FLAMARE LAT: 0291254 LONG: 0814500
OPERATOR: AMOCO LEASE: #1 USA UNIT 6-4
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 155 26E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAPHA LOG X
6 155 26E 75 63 4101

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-133	>1061
EARLY EOCENE	-1194	430
PALEOCENE	-1624	750
CRETACEOUS	-2374	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-133	>75
SUB-REGIONAL LCH-PERM. UNIT:		
I	-208	192
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-400	1401
BOULDER ZONE		
BASE OF SYSTEM	-1801	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1208501 COUNTY: MARTIN LOCAL WELL NUMBER: FLAPTN2 LAT: 0271146 LONG : 0801502

OPERATOR: WERNER LEASE: STUART DISPOSAL WELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 38S 41E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
4 38S 41E X
ELEVATION OF DERRICK FLOOR (FT.) 4
ELEVATION OF GROUND LEVEL (FT.) 4
DEPTH OF WELL (FT.) 3001

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
POST-MIOCENE		SURFICAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-1195 >75
MIDDLE EOCENE	A-1195 >888	SUB-REGIONAL LOW-PERM. UNIT:	
EARLY EOCENE	-2083 >914	I	-1270 374
PALEOCENE		II	
CRETACEOUS		III	
		IV	
		V	
		VI	
		VII	
		VIII	-2604 >393
		LOWER MAJOR PERMEABLE ZONE	-1644 >1353
		BOULDER ZONE	
		BASE OF SYSTEM	
		LOCAL LOW-PERMEABILITY UNIT(S)	

- 1
- 2
- 3

RECORD NUMBER: 1208701 COUNTY: MONROE LOCAL WELL NUMBER: FLAMON4 LAT: 0250035 LONG: 81C101
OPERATOR: GULF LEASE: #1 FLA ST LSE 826-G
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X
ELEVATION OF DERRICK FLOOR (FT.) 21
ELEVATION OF GROUND LEVEL (FT.) -10
DEPTH OF WELL (FT.) 12630

STATE GEOLOGICAL SURVEY WELL NUMBER: 232

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-2995 >271
-3266 1261
-4527

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

A-2995 >271
-3743

1
2
3

RECORD NUMBER: 1208703 COUNTY: MONROE LOCAL WELL NUMBER: FLAMONG LAT: 0251715 LONG: 0801720
 OPERATOR: SINCLAIR LEASE: #1 H.R. WILLIAMS
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 40E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 24 59S 40E X X X X X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 148

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+6	170
MIocene	-164	560
OLIGOCENE	-724	360
LATE EOCENE		
MIDDLE EOCENE	-1084	994
EARLY EOCENE	-2078	966
PALEOCENE	-3044	1130
CRETACEOUS	-4174	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+6	170
UPPER CONFINING UNIT, LS SYSTEM	-164	811
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-975	232
SUB-REGIONAL LOW-PERM. UNIT:		
I	-1207	566
II		
III		
IV		
V		
VI	-1970	690
VII		
VIII	-2760	75
LOWER MAJOR PERMEABLE ZONE	-1773	1748
BOULDER ZONE		
BASE OF SYSTEM	-3521	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1208704 COUNTY: MONROE LOCAL WELL NUMBER: FLAM08 LAT: 0250020 LONG: 08C3240
OPERATOR: COASTAL LEASE: #1 FL ST LSE 63
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
32 62S 38E X 16 3 7559
STATE GEOLOGICAL SURVEY WELL NUMBER: 108

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

SURFICAL AQUIFER					
POST-MIOCENE					
MIOCENE					
UPPER CONFINING UNIT, LS SYSTEM					
LIMESTONE AQUIFER SYSTEM:					
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)					
SUB-REGIONAL LOW-PERM. UNIT:					
OLIGOCENE	A-1012	>182	I	-1374	515
LATE EOCENE	-1194	1230	II		
MIDDLE EOCENE	-2424	1C91	III		
EARLY EOCENE	-3515	1114	IV		
PALEOCENE	-4629		V		
CRETACEOUS			VI	-2474	466
			VII		
			VIII	-3040	260
LOWER MAJOR PERMEABLE ZONE					
BOULDER ZONE					
BASE OF SYSTEM					
LOCAL LOW-PERMEABILITY UNIT(S)					
			1	-2052	288
			2		
			3		

RECORD NUMBER: 1208705 COUNTY: MONROE LOCAL WELL NUMBER: FLMON10 LAT: 0243700 LONG: 0813345
OPERATOR: GULF LEASE: #1 FL ST LSE 374
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 15 67S 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
15 67S 27E 23 6086

STATE GEOLOGICAL SURVEY WELL NUMBER: 16

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-596 >249
OLIGOCENE -845 457
LATE EOCENE
MIDDLE EOCENE -1302 1261
EARLY EOCENE -2563 1067
PALEOCENE -3630 1220
CRETACEOUS -4850

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-596 >249
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -845 457

SUB-REGIONAL LOW-PERM. UNIT:

I -1302 542
II
III
IV
V
VI -1900 662
VII
VIII -3082 179
LOWER MAJOR PERMEABLE ZONE -1844 2362
BOULDER ZONE -3261 369
BASE OF SYSTEM -4206

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1208706 COUNTY: MONROE LOCAL WELL NUMBER: FLMON12 LAT: 0244238 LONG: 0810539
OPERATOR: FKA
LEASE: MARATHON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 32E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
10 665 32E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 12799

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+13	190		SURFICAL AQUIFER	+13	190	
MIocene	-177	676		UPPER CONFINING UNIT, LS SYSTEM	-177	676	
OLIGOCENE	-853	382		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE				UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-853	382	
MIDDLE EOCENE	-1235	>907		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE				I	-1235	508	
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI	-1813	>329	
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-1743	>399	
				BOULDER ZONE			
				BASE OF SYSTEM			
				LOCAL LOW-PERMEABILITY UNIT(S)			

- 1
- 2
- 3

RECORD NUMBER: 1208707 COUNTY: MONROE LOCAL WELL NUMBER: FLMON13 LAT: 0245017 LONG: 0804731

OPERATOR: FKA A LEASE: LONG KEY

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 64S 35E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
26 64S 35E X X

ELEVATION OF DERRICK FLOOR (FT.) 14
ELEVATION OF GROUND LEVEL (FT.) 14
DEPTH OF WELL (FT.) 1420

STATE GEOLOGICAL SURVEY WELL NUMBER: 13752

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+14	114	SURFICAL AQUIFER	+14	114
MIocene	-100	766	UPPER CONFINING UNIT, LS SYSTEM	-100	766
OLIGOCENE	-866	394	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-866	356
MIDDLE EOCENE	-1260	>146	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I	-1222	>184
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1208901 COUNTY: NASSAU LOCAL WELL NUMBER: FLA-NA6 LAT: 0304012 LONG: 0813815
 OPERATOR: PAN AM LEASE: #2 ITT RAYONIER
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 50 3N 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 50 3N 27E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 449

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-2074 >340
 -2414 310
 -2724

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
 (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE A-2074 >486

BOULDER ZONE

BASE OF SYSTEM -2560

LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER:

HYDROLOGIC UNITS

NO.	DATE	DESCRIPTION	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	10/10/50
2	10/10/50
3	10/10/50
4	10/10/50
5	10/10/50
6	10/10/50
7	10/10/50
8	10/10/50
9	10/10/50
10	10/10/50
11	10/10/50
12	10/10/50
13	10/10/50
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86	10/10/50	...		

SURFICAL AQUIFER **+10** **98**

UPPER CONFINING UNIT, LS SYSTEM -88 448

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

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333

CRETACEOUS

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

11
-1424
100

2 -1730 260

3

RECORD NUMBER: 1209101 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLACKA1 LAT: 0305435 LONG: 0863900

OPERATOR: CALIFORNIA CO LEASE: #1 BLACKMAN UNIT

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 24W CUTTINGS CORE PALEONTOLOGY. ELECTRIC LOG GAMMA LOG
28 5N 24W X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 159

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	-282	315
MIDDLE EOCENE	-597	605
EARLY EOCENE	-1202	860
PALEOCENE	-2062	718
CRETACEOUS	-2780	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+238	190
UPPER CONFINING UNIT, LS SYSTEM	+48	330
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-282	215
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-497	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

DEPTH OF WELL (FT.) 5775

238

238

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**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER: 193

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
(MSL)		
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355	356	357
358	359	360
361	362	363
364		

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

A-601

>176

SUB-REGIONAL LOW-PERM. UNIT:

I

II

LOWER MAJOR PERMEABLE ZONE	-834	183
BOULDER ZONE		
BASE OF SYSTEM	-1017	
LOCAL LOW-PERMEABILITY UNIT(S)		

1 2 3

RECORD NUMBER: 1209103 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLACKA4 LAT: 0305812 LONG: 0864530
 OPERATOR: GREEN-CLINCH LEASE: #1 ST OF FLORIDA USA
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 5N 25W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 5 5N 25W X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 177

GEOLOGIC UNITS

ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-300

-603

-1207

-2054

-2782

>303

604

847

728

HYDROLOGIC UNITS

ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
 (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

-512

1

2

3

RECORD NUMBER: 1209104 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLACKAS LAT: 0304900 LONG : 0864030
OPERATOR: HADEN LEASE: M1 Y F MCCART
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 30 4N 24W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
30 4N 24W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 144

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene
OLIGOCENE A-231 >220
LATE EOCENE -451 316
MIDDLE EOCENE -767 584
EARLY EOCENE -1351 840
PALEOCENE -2191 871
CRETACEOUS -3062

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-231 >134
SUB-REGIONAL LCM-PERM. UNIT:

I
II
III
IV
V -365 86
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -451 144
BOULDER ZONE
BASE OF SYSTEM -595
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1209105 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLACKA6 LAT: 0304724 LONG: 0863730
 OPERATOR: SONAT LEASE: #1 MOORE, UNIT 3-11
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 3N 24W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 170
 ELEVATION OF GROUND LEVEL (FT.) 148
 DEPTH OF WELL (FT.) 14493

STATE GEOLOGICAL SURVEY WELL NUMBER: 590

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+67	>67
OLIGOCENE	0	450
LATE EOCENE	-450	303
MIDDLE EOCENE	-753	626
EARLY EOCENE	-1379	840
PALEOCENE	-2219	815
CRETACEOUS	-3034	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A+67	>159
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-92	482
SUB-REGIONAL LCM-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-574	
LOCAL LCM-PERMEABILITY UNIT(S)		
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3		

RECORD NUMBER: 1209106 COUNTY: CKALOOSA LOCAL WELL NUMBER: FLACKA7 LAT: 0304233 LONG : 0863715

OPERATOR: TEMPLE LEASE: #1 DUGGAN LBR

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 24W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
35 3N 24W X

ELEVATION OF DERRICK FLOOR (FT.) 227
ELEVATION OF GROUND LEVEL (FT.) 217
DEPTH OF WELL (FT.) 6245

STATE GEOLOGICAL SURVEY WELL NUMBER: 228

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A-145 >173
LATE EOCENE -318 503
MIDDLE EOCENE -821 635
EARLY EOCENE -1456 824
PALEOCENE -2280 900
CRETACEOUS -3180

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-145 >57

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V -202 116
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -318 314

BOULDER ZONE

BASE OF SYSTEM -632

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1209107 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLACKAB LAT: 0305230 LONG: 0862754
OPERATOR: ADAMS LEASE: #1 B H WART, JR
SECTION TCWN- RANGE DATA AVAILABLE
SHIP 4N 22W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
5 4N 22W

STATE GEOLOGICAL SURVEY WELL NUMBER: 60

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A+76	>126
LATE EOCENE	-50	395
MIDDLE EOCENE	-450	612
EARLY EOCENE	-1062	678
PALEOCENE	-1740	787
CRETACEOUS	-2527	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A+76 >68

SUB-REGIONAL LCH-PERM. UNIT:

I	
II	
III	
IV	
V	+8 58
VI	
VII	
VIII	

LOWER MAJOR PERMEABLE ZONE -50 224

BOULDER ZONE

BASE OF SYSTEM -274

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

RECORD NUMBER: 1209108 COUNTY: CKALOOSA LOCAL WELL NUMBER: FLACKA1 LAT: 0305036 LONG: 0862345

OPERATOR: SUN LEASE: #1 HARBESON-WRIGHT

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4N 22N CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
13 4N 22N X

ELEVATION OF DERRICK FLOOR (FT.) 158
ELEVATION OF GROUND LEVEL (FT.) 149
DEPTH OF WELL (FT.) 5423

STATE GEOLOGICAL SURVEY WELL NUMBER: 192

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-164	>301
MIDDLE EOCENE	-465	609
EARLY EOCENE	-1074	798
PALEOCENE	-1872	733
CRETACEOUS	-2605	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-164	>212
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

-376

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1209109 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLACKA1 LAT: 0304554 LONG: 0862015
OPERATOR: SEALY LEASE: #1 BELCHER-BRITTON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 22W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
10 3N 22W X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM	A-78	>42
OLIGOCENE	A-78	>130	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-208	444	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-120	42
MIDDLE EOCENE	-652	628			
EARLY EOCENE	-1280	845	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-2125	800	I		
CRETACEOUS	-2925		II		

IV					
V				-162	46
VI					
VII					
VIII					
LOWER MAJOR PERMEABLE ZONE				-208	291
BOULDER ZONE					
BASE OF SYSTEM				-499	
LOCAL LOW-PERMEABILITY UNIT(S)					

- 1
- 2
- 3

RECORD NUMBER: 1209110 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLCKA12 LAT: 0304630 LONG: 0864430
OPERATOR: CABOT LEASE: #1-9 USA-ST FOREST
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 25W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
9 3N 25W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 731

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIocene	A+80	>164
OLIGOCENE	-84	460
LATE EOCENE	-544	330
MIDDLE EOCENE	-874	580
EARLY EOCENE	-1454	930
PALEOCENE	-2384	870
CRETACEOUS	-3254	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM	A+80	>293
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-213	245
SUB-REGIONAL LCH-PERM. UNIT:		

I		
II		
III		
IV		
V	-458	86
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE	-544	229
BOULOER ZONE		
BASE OF SYSTEM	-773	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1209111 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLCKA13 LAT: 0303733 LONG: 0864410
OPERATOR: USAF LEASE: NEAR HOLT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 34 2N 25W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
DEPTH OF WELL (FT.) 700
ELEVATION OF GROUND LEVEL (FT.) 136
ELEVATION OF DERRICK FLOOR (FT.) 136

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+136	204	SURFICAL AQUIFER	+136	293
MIocene	-68	>496	UPPER CONFINING UNIT, LS SYSTEM	-157	282
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-439	>125
MIDDLE EOCENE					
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			SHOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1209112 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLCKA14 LAT: 0303512 LONG: 0863751

OPERATOR: USAF LEASE: FIELD 5

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1N 24W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
15 1N 24W X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
178
697

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +178 147
MIOCENE +31 511
OLIGOCENE -480 >39
LATE EOCENE
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +178 246
UPPER CONFINING UNIT, LS SYSTEM -68 326
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -394 >125

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

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RECORD NUMBER: 1209114 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLCKA16 LAT: 0303441 LONG: 0862639

OPERATOR: USAF

LEASE: FIELD 2

SECTION TOWN- RANGE
SHIP 1N 22W

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)

X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
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POST-MIOCENE	+156	94	SURFICIAL AQUIFER	+156	94
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MIOCENE	+62	>370	UPPER CONFINING UNIT, LS SYSTEM	+62	283
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OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -221

SUB-REGIONAL LCM-PERM. UNIT: >87

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1209115 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLOKA17 LAT: 0303021 LONG: 0863514
 OPERATOR: USAF LEASE: FIELD 4
 SECTION TOWN-RANGE DATA AVAILABLE
 SHIP 1S 23W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 18 1S 23W X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+89	94		SURFICAL AQUIFER	+89	162	
MIocene	-6	448		UPPER CONFINING UNIT, LS SYSTEM	-73	242	
OLIGOCENE	-454	209		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-663	424		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-315	322	
MIDDLE EOCENE	-1087	>195		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE				I			
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V	-637	26	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-663	424	
				BOULDER ZONE			
				BASE OF SYSTEM	-1087		
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

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RECORD NUMBER: 1209116 COUNTY: OKALOOSA LOCAL WELL NUMBER: FLOKA18 LAT: 0302355 LONG: 0863554
OPERATOR: LEASE: DOCIE BASS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 19 2S 23W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
19 2S 23W

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+6	9C
MIocene	-84	540
OLIGOCENE	-624	334
LATE EOCENE	-958	4C2
MIDDLE EOCENE	-1360	937
EARLY EOCENE	-2297	>197
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+6	9C
UPPER CONFINING UNIT, LS SYSTEM	-84	395
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-479	428
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-907	51
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-958	4C2
BOULDER ZONE		
BASE OF SYSTEM	-1360	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1209301 COUNTY: OKEECHOBEE LOCAL WELL NUMBER: FLACKE2 LAT: 0272225 LONG: 0805730

OPERATOR: AMERADA LEASE: #1 MARIE SWENSEN

SECTION TOWN- RANGE DATA AVAILABLE
 SHIP. 34E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 5 36S X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 237

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-86	>345
OLIGOCENE		
LATE EOCENE	-431	135
MIDDLE EOCENE	-566	1484
EARLY EOCENE	-2050	1104
PALEOCENE	-3154	1295
CRETACEOUS	-4449	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-86	>345
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP CF SYSTEM)	-431	359
SUB-REGIONAL LOW-PERM. UNIT:		
I	-790	665
II		
III		
IV		
V		
VI		
VII		
VIII	-2160	480
LOWER MAJOR PERMEABLE ZONE	-1455	1950
BOULDER ZONE	-2910	160
BASE OF SYSTEM	-3405	
LOCAL LGW-PERMEABILITY UNIT(S)		
1	3070	84
2		
3		

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
54	44	10838

RECORD NUMBER: 1209302 COUNTY: OKEECHOBEE LOCAL WELL NUMBER: FLACKE3 LAT: 0272640 LONG : 0805225

OPERATOR: SHELL LEASE: #1 J M DAVIS 9-3

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 35S 35E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
9 35S 35E X

ELEVATION OF DERRICK FLOOR (FT.) 85
ELEVATION OF GROUND LEVEL (FT.) 68
DEPTH OF WELL (FT.) 10688

STATE GEOLOGICAL SURVEY WELL NUMBER: 732

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-215	>230
OLIGOCENE		
LATE EOCENE	-445	127
MIDDLE EOCENE	-572	>678
EARLY EOCENE	A-2665	>375
PALEOCENE	-3040	1290
CRETACEOUS	-4330	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-215	>230
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-445	233
SUB-REGIONAL LOW-PERM. UNIT:		
I	-678	>572
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	A-2665	>619
BOULDER ZONE	A-2665	>132
BASE OF SYSTEM	-3284	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

STATE GEOLOGICAL SURVEY WELL NUMBER: 710

HYDROLOGIC UNITS

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -3105

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1209501 COUNTY: CRANGE LOCAL WELL NUMBER: FLA-OR1 LAT: 0284655 LONG : 0813305
OPERATOR: LEASE: PLYMOUTH CITRUS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 20S 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
6 20S 28E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 4053

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
POST-MIOCENE		SURFICAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	A-143	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-143
MIDDLE EOCENE	-188		>252
EARLY EOCENE		SUB-REGIONAL LOW-PERM. UNIT:	
PALEOCENE		I	-395
CRETACEOUS		II	315
		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	-710
		BOULDER ZONE	>285
		BASE OF SYSTEM	
		LOCAL LOW-PERMEABILITY UNIT(S)	

1
2
3

RECORD NUMBER: 1209502 COUNTY: ORANGE LOCAL WELL NUMBER: FLA-ORS LAT: 0282800 LONG: 0811315

OPERATOR: WARREN LEASE: #1 GEORGE TERRY

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 31E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
21 23S 31E X X X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 230

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-135	>80
MIDDLE EOCENE	-215	1440
EARLY EOCENE	-1665	696
PALEOCENE	-2351	890
CRETACEOUS	-3241	

HYDROLOGIC UNITS

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
I	-375	715
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	-2320	31
2		
3		

RECORD NUMBER: 1209503 COUNTY: CRANGE LOCAL WELL NUMBER: FLACR10 LAT: 0282820 LONG: 0810230

OPERATOR: TEXACO LEASE: #1 CESERET FARMS

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 23S 33E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
20 23S 33E X

ELEVATION OF DERRICK FLOOR (FT.) 75
ELEVATION OF GROUND LEVEL (FT.) 68
DEPTH OF WELL (FT.) 7118

STATE GEOLOGICAL SURVEY WELL NUMBER: 441

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-216	>1507
EARLY EOCENE	-1723	700
PALEOCENE	-2423	910
CRETACEOUS	-3333	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-216	269
SUB-REGIONAL LOW-PERM. UNIT:		
I	-485	635
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -1120 1434

BOULDER ZONE

BASE OF SYSTEM -2554

LOCAL LOW-PERMEABILITY UNIT(S)

1	-2368	55
2		
3		

RECORD NUMBER: 1209504 COUNTY: ORANGE LOCAL WELL NUMBER: FLACR11 LAT: 0282645 LONG: 0812630
OPERATOR: LAYNE LEASE: #1 SAND LAKE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 23S 29E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
32 23S 29E X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 13287

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+90	10	SURFICAL AQUIFER	+90	10
MIocene	+80	128	UPPER CONFINING UNIT, LS SYSTEM	+80	128
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-48	90	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-48	335
MIDDLE EOCENE	-138	1598	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1736	548	I	-383	622
PALEOCENE	-2284	915	II		
CRETACEOUS	-3199		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1005	1279
			BOULDER ZONE		
			BASE OF SYSTEM	-2284	
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

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BASIC WELL DATA

RECORD NUMBER: 1209505 COUNTY: CRANGE LOCAL WELL NUMBER: FLAOR12 LAT: 0282533 LONG: 0810822

OPERATOR: USGS

LEASE: COCOA "C" SAL MONITOR

SECTION TOWN- RANGE
SHIP 24S 32E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.) 63
ELEVATION OF GROUND LEVEL (FT.) 63
DEPTH OF WELL (FT.) 1388

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+63	58
MIocene	+5	190
OLIGOCENE	-185	17
LATE EOCENE	-202	>1123
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+63	58
UPPER CONFINING UNIT, LS SYSTEM	+5	190
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-185	256
SUB-REGIONAL LOW-PERM. UNIT:		
I	-441	1005
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -1146 >179

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1209506 COUNTY: ORANGE LOCAL WELL NUMBER: FLACR13 LAT: 0283405 LONG : 0812315
OPERATOR: LEASE: ORLANDO UTIL/LK ADAIR
SECTION TOWN-RANGE DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
23 22S 29E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 2124

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+80	38	SURFICAL AQUIFER	+80	38
MIocene	+42	62	UPPER CONFINING UNIT, LS SYSTEM	+42	62
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-20	84	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-20	318
MIDDLE EOCENE	-104	>1056	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I	-338	590
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-928	>232
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1209701 COUNTY: GSCEOLA LOCAL WELL NUMBER: FLA-051 LAT: 0280900 LONG : 0805440
OPERATOR: HUMBLE LEASE: #1 N RAY CARROLL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
10 27S 34E X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 8

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+46	90
MIocene	-44	192
OLIGOCENE		
LATE EOCENE	-236	50
MIDDLE EOCENE	-286	1656
EARLY EOCENE	-1942	844
PALEOCENE	-2786	784
CRETACEOUS	-3570	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+46	90
UPPER CONFINING UNIT, LS SYSTEM	-44	192
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-236	411
SUB-REGIONAL LOW-PERM. UNIT:		
I	-647	547
II		
III		
IV		
V		
VI		
VII		
VIII	-2227	205
LOWER MAJOR PERMEABLE ZONE	-1194	1693
BOULDER ZONE		
BASE OF SYSTEM	-2887	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-2727	59
2		
3		

RECORD NUMBER: 1209702 COUNTY: OSCEOLA LOCAL WELL NUMBER: FLA-052 LAT: 0281000 LCNG : 0810715
 OPERATOR: HUNT LEASE: #3 CON NAVAL STORES
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 32E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 4 27S 32E X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 91

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
POST-MIOCENE		SURFICIAL AQUIFER	
MIOCENE		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	A-277 >135	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-277 >321
MIDDLE EOCENE	-412 1446		
EARLY EOCENE	-1858 834	SUB-REGIONAL LOW-PERM. UNIT:	
PALEOCENE	-2692 870	I	-598 626
CRETACEOUS	-3562	II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	-2152 180
		LOWER MAJOR PERMEABLE ZONE	-1224 1623
		BOULDER ZONE	
		BASE OF SYSTEM	-2847
		LOCAL LOW-PERMEABILITY UNIT(S)	
		1	-2652 40
		2	
		3	

UNITED STATES DEPARTMENT OF THE INTERIOR
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SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1209703 COUNTY: OSCEOLA LOCAL WELL NUMBER: FLA-053

LAT: 0281650 LONG: 0805445

OPERATOR: HUNT LEASE: #2-A PEAVY-WILSON

SECTION TOWN-RANGE DATA AVAILABLE
SHIP 25S 34E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
27 25S 34E X

ELEVATION OF DERRICK FLOOR (FT.) 44
ELEVATION OF GROUND LEVEL (FT.) 38
DEPTH OF WELL (FT.) 5856

STATE GEOLOGICAL SURVEY WELL NUMBER: 81

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-179	>76
MIDDLE EOCENE	-255	1630
EARLY EOCENE	-1885	810
PALEOCENE	-2695	855
CRETACEOUS	-3550	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-179	>471
SUB-REGIONAL LOW-PERM. UNIT:		
I	-650	620
II		
III		
IV		
V		
VI		
VII		
VIII	-2139	251
LOWER MAJOR PERMEABLE ZONE	-1270	1545
Boulder Zone		
BASE OF SYSTEM	-2815	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-2625	70
2		
3		

RECORD NUMBER: COUNTY: OSCEOLA LOCAL WELL NUMBER: FLA-054 LAT: 0274800 LONG: 08C5930

OPERATOR: HUMBLE LEASE: #1 & P HAYMAN

SECTION 12 TOWN- 31S RANGE 33E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 DATA AVAILABLE
 X

ELEVATION OF DERRICK FLOOR (FT.) 88
 ELEVATION OF GROUND LEVEL (FT.) 68
 DEPTH OF WELL (FT.) 8798

STATE GEOLOGICAL SURVEY WELL NUMBER: 31

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-243	>1419
EARLY EOCENE	-1662	958
PALEOCENE	-2620	1282
CRETACEOUS	-3902	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-243	>258
SUB-REGIONAL LOW-PERM. UNIT:		
I	-501	518
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1875	402
BOULDER ZONE	-1019	1982
BASE OF SYSTEM	-3001	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-2589	31
2		
3		

RECORD NUMBER: 1209704 COUNTY: OSCEOLA LOCAL WELL NUMBER: FLA-055 LAT: 0275930 LONG: 0811245
OPERATOR: ARCO LEASE: #1 IRLO BRONSON
SECTION TOWN- DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
3 29S 31E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 539

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-2833 >1035

-3864

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE

(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

A-2833

>397

BOULDER ZONE

BASE OF SYSTEM

-3230

LOCAL LOW-PERMEABILITY UNIT(S)

1

-2880

49

2

3

RECORD NUMBER: 1209705	COUNTY: OSCEOLA	LOCAL WELL NUMBER: FLA-056	LAT: 0280718	LONG : 0812148						
OPERATOR: ARCO	LEASE: #2 IRCO BRONSON									
SECTION	TOWN- SHIP	RANGE	CUTTINGS	CORE	PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG	ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
24	27S	29E			DATA AVAILABLE			79	69	6900

STATE GEOLOGICAL SURVEY WELL NUMBER: 543

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
		(MSL)

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	100.0	1.0
2	99.0	1.0
3	98.0	1.0
4	97.0	1.0
5	96.0	1.0
6	95.0	1.0
7	94.0	1.0
8	93.0	1.0
9	92.0	1.0
10	91.0	1.0
11	90.0	1.0
12	89.0	1.0
13	88.0	1.0
14	87.0	1.0
15	86.0	1.0
16	85.0	1.0
17	84.0	1.0
18	83.0	1.0
19	82.0	1.0
20	81.0	1.0
21	80.0	1.0
22	79.0	1.0
23	78.0	1.0
24	77.0	1.0
25	76.0	1.0
26	75.0	1.0
27	74.0	1.0
28	73.0	1.0
29	72.0	1.0
30	71.0	1.0
31	70.0	1.0
32	69.0	1.0
33	68.0	1.0
34	67.0	1.0
35	66.0	1.0
36	65.0	1.0
37	64.0	1.0
38	63.0	1.0
39	62.0	1.0
40	61.0	1.0
41	60.0	1.0
42	59.0	1.0
43	58.0	1.0
44	57.0	1.0
45	56.0	1.0
46	55.0	1.0
47	54.0	1.0
48	53.0	1.0
49	52.0	1.0
50	51.0	1.0
51	50.0	1.0
52	49.0	1.0
53	48.0	1.0
54	47.0	1.0
55	46.0	1.0
56	45.0	1.0
57	44.0	1.0
58	43.0	1.0
59	42.0	1.0
60	41.0	1.0
61	40.0	1.0
62	39.0	1.0
63	38.0	1.0
64	37.0	1.0
65	36.0	1.0
66	35.0	1.0
67	34.0	1.0
68	33.0	1.0
69	32.0	1.0
70	31.0	1.0
71	30.0	1.0
72	29.0	1.0
73	28.0	1.0
74	27.0	1.0
75	26.0	1.0
76	25.0	1.0
77	24.0	1.0
78	23.0	1.0
79	22.0	1.0
80	21.0	1.0
81	20.0	1.0
82	19.0	1.0
83	18.0	1.0
84	17.0	1.0
85	16.0	1.0
86	15.0	1.0
87	14.0	1.0
88	13.0	1.0
89	12.0	1.0
90	11.0	1.0
91	10.0	1.0
92	9.0	1.0
93	8.0	1.0
94	7.0	1.0
95	6.0	1.0
96	5.0	1.0
97	4.0	1.0
98	3.0	1.0
99	2.0	1.0
100	1.0	1.0

POST-MIOCENE

UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

MIDDLE EOCENE

SUB-REGIONAL LOW-PERM. UNIT:

EARLY EOCENE

PALEOCENE
A-2634
>996

1

CRETACEOUS
-3630

2

2

11

21

=

3

...

• • • • •

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM
-2850

LOCAL LOW-PERMEABILITY UNIT(S)

-2650 4C

RECORD NUMBER: 1209901 COUNTY: PALM BEACH LOCAL WELL NUMBER: FLA-PB1 LAT: 0264055 LONG: 0801945
OPERATOR: HUMBLE LEASE: #1 TUSCCN CORP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
35 43S 40E X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 47

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIocene	A-114	>466
OLIGOCENE		
LATE EOCENE	-580	235
MIDDLE EOCENE	-815	956
EARLY EOCENE	-1771	1235
PALEOCENE	-3005	1735
CRETACEOUS	-4740	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM	A-114	>601
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LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-715	355
---	------	-----

SUB-REGIONAL LOW-PERM. UNIT:

I	-1070	348
---	-------	-----

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE	-2080	435
----------------------------	-------	-----

BOULDER ZONE

BASE OF SYSTEM	-1418	2577
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LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1209902 COUNTY: PALM BEACH LOCAL WELL NUMBER: FLA-PB2 LAT: 0262005 LONG : 08C4855

OPERATOR: HUMBLE

SECTION	TOWN-SHIP	RANGE	CUTTINGS	CCRE	PALEONTOLOGY	ELECTRIC	LOG	GAMMA	LOG	FLCRO	LEVEL	WELL
										(FT.)	(FT.)	
2	485	35E	X		X					31	21	12810

STATE GEOLOGICAL SURVEY WELL NUMBER: 265

GEOLOGIC UNITS			HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	SURFICAL AQUIFER	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE						
MIocene	A-243	>457	UPPER CONFINING UNIT, LS SYSTEM	A-243		>654
OLIGOCENE	-700	83	LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-783	255	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-897		141
MIDDLE EOCENE	-1038	996				
EARLY EOCENE	-2034	1388	SUB-REGIONAL LOW-PERM. UNIT:			
PALEOCENE	-3422	1755	I	-1038		441
CRETACEOUS	-5177		II			
			III			
			IV			
			V			
			VI	-1709		595
			VII			
			VIII	-2474		512
			LOWER MAJOR PERMEABLE ZONE	-1479		2497
			BOULDER ZONE	-2986		436
			BASE OF SYSTEM	-3976		
			LOCAL LOW-PERMEABILITY UNIT(S)			

1 2 3

RECORD NUMBER: 1209903 COUNTY: PALM BEACH LOCAL WELL NUMBER: FLA-283 LAT: 0265140 LONG : 0802545

OPERATOR: AMERADA LEASE: #1 SOUTHERN STATES 34

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 39E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
34 41S 39E X X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 235

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE	A-105	>390	UPPER CONFINING UNIT, LS SYSTEM	A-105	>580
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-495	303	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-685	487
MIDDLE EOCENE	-798	1066			
EARLY EOCENE	-1864	1148	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-3012	1740	I	-1172	365
CRETACEOUS	-4752		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII	-2180	428
			BOULDER ZONE	-2608	365
			BASE OF SYSTEM	-4148	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1209904 COUNTY: PALM BEACH LOCAL WELL NUMBER: FLA-PB4 LAT: 0264245 LONG : 0802740
OPERATOR: AMERADA LEASE: #1 CONN SUGAR
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 39E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
21 435 39E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 385

GEOLOGIC UNITS		HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICIAL AQUIFER		
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE	A-3983	>991	II		
CRETACEOUS	-4974		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	A-3983	>89
			BOULDER ZONE		
			BASE OF SYSTEM	-4072	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1209905 COUNTY: PALM BEACH LOCAL WELL NUMBER: FLA-PB5 LAT: 0264412 LONG: 0800752
OPERATOR: PROGRESS LEASE: #4 WP BEACH DISPOSAL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 43S 42E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
10 43S 42E X 34 19 3287

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+19	189	SURFICAL AQUIFER	+19	189
MIOCENE	-170	641	UPPER CONFINING UNIT, LS SYSTEM	-170	843
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-811	374	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-1013	376
MIDDLE EOCENE	-1185	826			
EARLY EOCENE	-2011	>1242	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I	-1389	418
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII	-2580	>401
			LOWER MAJOR PERMEABLE ZONE	-1807	>1174
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1209906 COUNTY: PALM BEACH LOCAL WELL NUMBER: FLA-P86 LAT: 0263025 LONG: 0805237
OPERATOR: SHELL LEASE: #1 GULF & WESTERN 7-4
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 46S 35E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
7 46S 35E
STATE GEOLOGICAL SURVEY WELL NUMBER: 740

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICIAL AQUIFER			
MIocene	A-271	>564		UPPER CONFINING UNIT, LS SYSTEM	A-271	>654	
OLIGOCENE	-835	90		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-925	142		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-925	142	
MIDDLE EOCENE	-1067	933		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-2000	1395		I	-1067	333	
PALEOCENE	-3395	1766		II			
CRETACEOUS	-5161			III			
				IV			
				V			
				VI	-1735	405	
				VII			
				VIII	-2420	653	
				LOWER MAJOR PERMEABLE ZONE	-1400	2488	
				BOULDER ZONE	-3073	322	
				BASE OF SYSTEM	-3888		
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

RECORD NUMBER: 1209907 COUNTY: PALM BEACH LOCAL WELL NUMBER: FLA-PB7 LAT: 0264227 LONG : 0803907

OPERATOR: QUAKER OATS LEASE: BELLE GLADE #1

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 43S 37E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
20 43S 37E X

ELEVATION OF DERRICK FLOOR (FT.) 15
ELEVATION OF GROUND LEVEL (FT.) 15
DEPTH OF WELL (FT.) 1475

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+15	104
MIocene	-89	704
OLIGOCENE	-793	141
LATE EOCENE	-934	144
MIDDLE EOCENE	-1078	>382
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+15	104
UPPER CONFINING UNIT, LS SYSTEM	-89	845
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-934	413
SUB-REGIONAL LOW-PERM. UNIT:		
I	-1347	113
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1210101 COUNTY: PASCO LOCAL WELL NUMBER: FLAPAS2 LAT: 0282618 LONG : 0820506
OPERATOR: AMOCO LEASE: #1 CUMMER CO.
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 235 22E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
35 235 22E X
STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER					
UPPER CONFINING UNIT, LS SYSTEM					
LIMESTONE AQUIFER SYSTEM:					
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)					
SUB-REGIONAL LOW-PERM. UNIT:					
I			A-290		>560
II				-850	208
III					
IV					
V					
VI					
VII					
VIII					
LOWER MAJOR PERMEABLE ZONE					
BOULDER ZONE					
BASE OF SYSTEM					
LOCAL LOW-PERMEABILITY UNIT(S)					
1					
2					
3					

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1210102 COUNTY: PASCO LOCAL WELL NUMBER: FLAPAS3 LAT: 0281330 LONG: 0823700
OPERATOR: ARCO LEASE: #1 J.B. STARKEY 16-4
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 16 26S 17E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
16 26S 17E X 57 41 9591
STATE GEOLOGICAL SURVEY WELL NUMBER: .608

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>1118

A-2824

-3942

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

A-2824

>28

BOULDER ZONE

BASE OF SYSTEM

-2852

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1210103 COUNTY: PASCO LOCAL WELL NUMBER: FLAPAS4 LAT: 0282048 LONG : 0821233
OPERATOR: LEASE: CADE CITY OPT KRISMAN
SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF ELEVATION OF DEPTH
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DERRICK FLOOR LEVEL OF WELL
33 24S 21E X X X (FT.) (FT.) (FT.) (FT.) (FT.) (FT.)
176 1434

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	
			(MSL)				(MSL)
SURFICAL AQUIFER				SURFICAL AQUIFER			
POST-MIOCENE				UPPER CONFINING UNIT, LS SYSTEM	+176	96	
MIocene	+176	96		LIMESTONE AQUIFER SYSTEM:			
OLIGOCENE	+80	80		UPPER MAJOR PERMEABLE ZONE	+80	900	
LATE EOCENE	0	206		(TOP OF SYSTEM)			
MIDDLE EOCENE	-206	>1052		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE				I			
PALEOCENE				II	-820	210	
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-1030	>228	
				BOULDER ZONE			
				BASE OF SYSTEM			
				LOCAL LOW-PERMEABILITY UNIT(S)			

- 1
- 2
- 3

RECORD NUMBER: 1210104 COUNTY: PASCO LOCAL WELL NUMBER: FLAPASS LAT: 0281053 LONG: 0823104
OPERATOR: LEASE: CITY OF ST PETERSBURG
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 265 18E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
33 265 18E X
DEPTH OF WELL (FT.) 1006
ELEVATION OF DERRICK FLOOR (FT.) 59
ELEVATION OF GROUND LEVEL (FT.) 59

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-24	>40
OLIGOCENE	-64	177
LATE EOCENE	-241	276
MIDDLE EOCENE	-517	>430
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-24	>923
SUB-REGIONAL LOW-PERM. UNIT:		

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1210301 COUNTY: PINELLAS LOCAL WELL NUMBER: FLAPINI LAT: 0280532 LONG: 0825250
OPERATOR: CALIFORNIA CC LEASE: #3 FLA ST LSE 224-B
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 36
ELEVATION OF GROUND LEVEL (FT.) -20
DEPTH OF WELL (FT.) 10600

STATE GEOLOGICAL SURVEY WELL NUMBER: 304

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	A-504	>1399	A-504		>549
EARLY EOCENE	-1903	1200			
PALEOCENE	-3103	1520	SUB-REGIONAL LOW-PERM. UNIT:		
CRETACEOUS			I		
			II	-1053	420
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			-1473		1940
			BOULDER ZONE		
			BASE OF SYSTEM		
			-3413		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1210302 COUNTY: PINELLAS LOCAL WELL NUMBER: FLAPIN2 LAT: 0275310 LONG : 0823820

OPERATOR: COASTAL LEASE: #1 E C WRIGHT

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 17E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
7 3CS 17E X X X X X

ELEVATION OF DERRICK FLOOR (FT.) 13
ELEVATION OF GROUND LEVEL (FT.) 2
DEPTH OF WELL (FT.) 11507

STATE GEOLOGICAL SURVEY WELL NUMBER: 75

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-48	>140
OLIGOCENE	-188	60
LATE EOCENE	-248	>260
MIDDLE EOCENE	A-688	>1386
EARLY EOCENE	-2074	1070
PALEOCENE	-3144	1535
CRETACEOUS	-4679	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-48	>100
LIMESTONE ACUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-138	1208
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II	-1346	435
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1781	1916
BOULDER ZONE		
BASE OF SYSTEM	-3697	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-2036	38
2		
3		

RECORD NUMBER: 1210303 COUNTY: PINELLAS LOCAL WELL NUMBER: FLAPIN3 LAT: 0280942 LONG: 0823907
 OPERATOR: LEASE: PINELLAS CO N-1-C
 SECTION TOWN- RANGE DATA AVAILABLE
 1 275 16E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 DEPTH OF WELL (FT.) 1190
 ELEVATION OF DERRICK FLOOR (FT.) 35
 ELEVATION OF GROUND LEVEL (FT.) 35

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+35	42	SURFICAL AQUIFER	+35	42
MIocene	-7	92	UPPER CONFINING UNIT, LS SYSTEM	-7	54
OLIGOCENE	-99	146	LIMESTONE ACUIFER SYSTEM:		
LATE EOCENE	-245	240	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-61	984
MIDDLE EOCENE	-485	>670	SUB-REGIONAL LCH-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II	-1045	>110
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE
 BOULDER ZONE
 BASE OF SYSTEM
 LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

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BASIC WELL DATA**

LONG : 0813915

ELEVATION OF ELEVATION OF DEPTH

X

HYDROLOGIC UNITS

[illegible]

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE

September 19, 1913

0123456789

1305

-4367

>210

-3132

1

2

M

RECORD NUMBER: 1210503 COUNTY: POLK LOCAL WELL NUMBER: FLAPOL3 LAT: 0275655 LONG : 0813120
OPERATOR: HUGHES LEASE: #1 MASTERPIECE 21-2
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
21 29S 28E 88 74 7119

STATE GEOLOGICAL SURVEY WELL NUMBER: 854

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

SURFICIAL AQUIFER			
POST-MIOCENE			
MIocene			
OLIGOCENE			
LATE EOCENE			
MIDDLE EOCENE			
EARLY EOCENE	A-1991		>551
PALEOCENE	-2542		1298
CRETACEOUS	-3840		
UPPER CONFINING UNIT, LS SYSTEM			
LIMESTONE AQUIFER SYSTEM:			
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)			
SUB-REGIONAL LOW-PERM. UNIT:			
	I		
	II		
	III		
	IV		
	V		
	VI		
	VII		
	VIII		
LOWER MAJOR PERMEABLE ZONE			
	A-1991		>730
BOULDER ZONE			
BASE OF SYSTEM			
	-2721		
LOCAL LOW-PERMEABILITY UNIT(S)			
	1		
	2		
	3		

RECORD NUMBER: 1210504
COUNTY: POLK
LOCAL WELL NUMBER: FLPCLT4
LAT: 0281058
LONG: 0814950
OPERATOR: USGS
SECTION TOWN-SHIP RANGE
32 25E 26N
CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X
DATA AVAILABLE
X
ELEVATION OF DERRICK FLOOR (FT.)
137
ELEVATION OF GROUND LEVEL (FT.)
137
DEPTH OF WELL (FT.)
1996

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+137	30	SURFICAL AQUIFER	+137	30
MIOCENE	+107	90	UPPER CONFINING UNIT, LS SYSTEM	+107	90
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+17	120	UPPER MAJOR PERMEABLE ZONE . (TOP OF SYSTEM)	+17	353
MIDDLE EOCENE	-103	1540			
EARLY EOCENE	-1643	>216	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I	-336	307
CRETACEOUS			II	-823	775
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1598	>261
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

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RECORD NUMBER: 1210505 COUNTY: POLK LOCAL WELL NUMBER: FLAPOLS LAT: 0280244 LONG: 0815708

OPERATOR: LEASE: CITY OF LAKELAND #4

SECTION TOWN- RANGE DATA AVAILABLE

SHIP 28S 24E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG

ELEVATION OF DERRICK FLOOR (FT.) 188
ELEVATION OF GROUND LEVEL (FT.) 188
DEPTH OF WELL (FT.) 1167

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A-148	>95
LATE EOCENE	-243	259
MIDDLE EOCENE	-502	>477
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-148	>831
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1210506 COUNTY: POLK LOCAL WELL NUMBER: FLAPOL6 LAT: 0275314 LONG: 0815142
OPERATOR: SWFUND LEASE: BARTON BALL PARK
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 30S 24E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
12 30S 24E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE			SURFICAL AQUIFER		
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE	A-78	>108	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-186	229	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-78	>842
MIDDLE EOCENE	-415	>505	SUB-REGIONAL LCH-PERM. UNIT:		
EARLY EOCENE					

PALEOCENE	I				
CRETACEOUS	II				
	III				
	IV				
	V				
	VI				
	VII				
	VIII				
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

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RECORD NUMBER: 1210701 COUNTY: PUTNAM LOCAL WELL NUMBER: FLAPUT2 LAT: 0294225 LONG: 0815040
OPERATOR: SUN-SEABOARD LEASE: #1-A O.I. ROBERTS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 9S 25E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
19 X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 58

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+196	180
MIocene	+16	150
OLIGOCENE		
LATE EOCENE	-134	190
MIDDLE EOCENE	-324	770
EARLY EOCENE	-1094	440
PALEOCENE	-1534	475
CRETACEOUS	-2009	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+196	180
UPPER CONFINING UNIT, LS SYSTEM	+16	150
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-134	286
SUB-REGIONAL LOW-PERM. UNIT:		
I	-420	142
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-562	1141
BOULDER ZONE		
BASE OF SYSTEM	-1703	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

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LAT: 0293932 LONG : 0813428

ELEVATION OF ELEVATION OF DEPTH

CUTTINGS	CORE	PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG
			X	X

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	100.0	1.0	2	99.0	1.0
3	98.0	1.0	4	97.0	1.0
5	96.0	1.0	6	95.0	1.0
7	94.0	1.0	8	93.0	1.0
9	92.0	1.0	10	91.0	1.0
11	90.0	1.0	12	89.0	1.0
13	88.0	1.0	14	87.0	1.0
15	86.0	1.0	16	85.0	1.0
17	84.0	1.0	18	83.0	1.0
19	82.0	1.0	20	81.0	1.0
21	80.0	1.0	22	79.0	1.0
23	78.0	1.0	24	77.0	1.0
25	76.0	1.0	26	75.0	1.0
27	74.0	1.0	28	73.0	1.0
29	72.0	1.0	30	71.0	1.0
31	70.0	1.0	32	69.0	1.0
33	68.0	1.0	34	67.0	1.0
35	66.0	1.0	36	65.0	1.0
37	64.0	1.0	38	63.0	1.0
39	62.0	1.0	40	61.0	1.0
41	60.0	1.0	42	59.0	1.0
43	58.0	1.0	44	57.0	1.0
45	56.0	1.0	46	55.0	1.0
47	54.0	1.0	48	53.0	1.0
49	52.0	1.0	50	51.0	1.0
51	50.0	1.0	52	49.0	1.0
53	48.0	1.0	54	47.0	1.0
55	46.0	1.0	56	45.0	1.0
57	44.0	1.0	58	43.0	1.0
59	42.0	1.0	60	41.0	1.0
61	40.0	1.0	62	39.0	1.0
63	38.0	1.0	64	37.0	1.0
65	36.0	1.0	66	35.0	1.0
67	34.0	1.0	68	33.0	1.0
69	32.0	1.0	70	31.0	1.0
71	30.0	1.0	72	29.0	1.0
73	28.0	1.0	74	27.0	1.0
75	26.0	1.0	76	25.0	1.0
77	24.0	1.0	78	23.0	1.0
79	22.0	1.0	80	21.0	1.0
81	20.0	1.0	82	19.0	1.0
83	18.0	1.0	84	17.0	1.0
85	16.0	1.0	86	15.0	1.0
87	14.0	1.0	88	13.0	1.0
89	12.0	1.0	90	11.0	1.0
91	10.0	1.0	92	9.0	1.0
93	8.0	1.0	94	7.0	1.0
95	6.0	1.0	96	5.0	1.0
97	4.0	1.0	98	3.0	1.0
99	2.0	1.0	100	1.0	1.0

POST-MIocene	+19	6C	SURFICAL AQUIFER	+19	6C
--------------	-----	----	------------------	-----	----

MIocene	-41	62	UPPER CONFINING UNIT, LS SYSTEM	-41	62
---------	-----	----	---------------------------------	-----	----

OLIGOCENE

LATE EOCENE	-103	263	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-103	>421
-------------	------	-----	---	------	------

SUB-REGIONAL LCH-PERM. UNIT:

1

1
2
3
4
5
6
7
8
9

CRETACEOUS

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1210704 COUNTY: PUTNAM LOCAL WELL NUMBER: FLAPUT7 LAT: 0292817 LONG: 0813345

OPERATOR: LEASE: DEXTER FARMS (P-335)
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 12S 27E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 4 12S 27E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE	+65	64	SURFICAL AQUIFER	+65	64
MIocene	+1	62	UPPER CONFINING UNIT, LS SYSTEM	+1	62
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-61	208	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-61	>358
MIDDLE EOCENE	-269	>150	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE					

PALEOCENE	I				
CRETACEOUS	II				
	III				
	IV				
	V				
	VI				
	VII				
	VIII				

LOWER MAJOR PERMEABLE ZONE
 BOULDER ZONE
 BASE OF SYSTEM
 LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

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RECORD NUMBER: 1210901 COUNTY: ST. JOHNS LOCAL WELL NUMBER: FLA-SJ3 LAT: 0294300 LONG: 0811417

OPERATOR: US PARK SERV LEASE: FT MATANZAS

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 14 9S 30E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
457

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+6	76
MIocene	-70	92
OLIGOCENE		
LATE EOCENE	-162	215
MIDDLE EOCENE	-377	>74
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+6	76
UPPER CONFINING UNIT, LS SYSTEM	-70	9C
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-162	>289
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1210902 COUNTY: ST. JOHN'S LOCAL WELL NUMBER: FLA-SJ4 LAT: 0294947 LONG: 0813022
 OPERATOR: LEASE: PETE CAPARELLI (SJ467)
 SECTION TOWN-SHIP RANGE DATA AVAILABLE
 5 8S 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 20 526

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+20	108	SURFICAL AQUIFER	+20	108
MIOCENE	-88	158	UPPER CONFINING UNIT, LS SYSTEM	-88	158
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-246	240	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-240	>260
MIDDLE EOCENE	-486	>20	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1210903 COUNTY: ST JOHN'S LOCAL WELL NUMBER: FLA-SJ5 LAT: 0293729 LONG: 0812212

OPERATOR: LEASE: USGS (SJ-115)

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 10S 29E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
16 10S 29E X X X X X

ELEVATION OF DERRICK FLOOR (FT.) 39
ELEVATION OF GROUND LEVEL (FT.) 39
DEPTH OF WELL (FT.) 613

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+39	80
MIOCENE	-41	70
OLIGOCENE		
LATE EOCENE	-111	230
MIDDLE EOCENE	-341	>233
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+39	80
UPPER CONFINING UNIT, LS SYSTEM	-41	70
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-111	>463
SUB-REGIONAL LOW-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1210904 COUNTY: ST. JOHN'S LOCAL WELL NUMBER: FLA-SJ6 LAT: 0294238 LONG: 0812857
OPERATOR: LEASE: KERR & REVELS (SJ107)
SECTION TOWN-RANGE DATA AVAILABLE
SHIP 13 9S 28E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
13 9S 28E

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+28	76	SURFICAL AQUIFER	+28	76
MIOCENE	-48	98	UPPER CONFINING UNIT, LS SYSTEM	-48	98
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-146	238	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-146	>418
MIDDLE EOCENE	-384	>180			
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
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**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER: 254

HYDROLOGIC UNITS

THICKNESS (FT.)	ELEVATION OF TOP OF UNIT (FT.) (MSL)
1.0	10.0
1.0	11.0
1.0	12.0
1.0	13.0
1.0	14.0
1.0	15.0
1.0	16.0
1.0	17.0
1.0	18.0
1.0	19.0
1.0	20.0
1.0	21.0
1.0	22.0
1.0	23.0
1.0	24.0
1.0	25.0
1.0	26.0
1.0	27.0
1.0	28.0
1.0	29.0
1.0	30.0
1.0	31.0
1.0	32.0
1.0	33.0
1.0	34.0
1.0	35.0
1.0	36.0
1.0	37.0
1.0	38.0
1.0	39.0
1.0	40.0
1.0	41.0
1.0	42.0
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1.0	44.0
1.0	45.0
1.0	46.0
1.0	47.0
1.0	48.0
1.0	49.0
1.0	50.0
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1.0	70.0
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1.0	72.0
1.0	73.0
1.0	74.0
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1.0	98.0
1.0	99.0
1.0	100.0

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-88

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE

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EX

1

STATE GEOLOGICAL SURVEY WELL NUMBER: 158

HYCROLOGIC UNITS

1 2 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1211302 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLA-SR2 LAT: 0304310 LONG : 0870905

OPERATOR: HUMBLE LEASE: #1 ST REGIS PAPER

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 29W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
4 2N 29W X X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 299

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+108	388
MIOCENE	-280	345
OLIGOCENE	-625	338
LATE EOCENE	-963	295
MIDDLE EOCENE	-1258	572
EARLY EOCENE	-1830	990
PALEOCENE	-2820	1055
CRETACEOUS	-3875	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+108	388
UPPER CONFINING UNIT, LS SYSTEM	-280	345
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-625	165
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-790	173
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-963	187
BOULDER ZONE		
BASE OF SYSTEM	-1150	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1211303 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLA-SR3 LAT: 0302500 LONG: 0870430
OPERATOR: HUMBLE LEASE: #1 FLA ST LSE 833
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 251

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER					
POST-MIOCENE					
MIOCENE					
UPPER CONFINING UNIT, LS SYSTEM					
LIMESTONE AQUIFER SYSTEM:					
OLIGOCENE	A-988	>488			
LATE EOCENE	-1476	428	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	-1904	615	A-988		
EARLY EOCENE	-2519	975	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-3494	706	I		
CRETACEOUS	-4200		II		
			III		
			IV		
			V	-1288	188
			VI		
			VII		
			VIII		
LOWER MAJOR PERMEABLE ZONE					
BOULDER ZONE					
BASE OF SYSTEM					
LOCAL LOW-PERMEABILITY UNIT(S)					
1					
2					
3					

RECORD NUMBER: 1211304 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLA-SR4 LAT: 0303621 LONG : 0865721
OPERATOR: SINCLAIR LEASE: #1 H O LYNN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 9 1N 27W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
1N 27W X
ELEVATION OF DERRICK FLOOR (FT.) 139
ELEVATION OF GROUND LEVEL (FT.) 128
DEPTH OF WELL (FT.) 70G1

STATE GEOLOGICAL SURVEY WELL NUMBER: 196

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+128	280
MIOCENE	-152	416
OLIGOCENE	-568	402
LATE EOCENE	-970	367
MIDDLE EOCENE	-1337	588
EARLY EOCENE	-1925	987
PALEOCENE	-2912	858
CRETACEOUS	-3770	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+128	280
UPPER CONFINING UNIT, LS SYSTEM	-152	416
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-568	212
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-780	190
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-970	200
BOULDER ZONE		
BASE OF SYSTEM	-1170	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1211305 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLA-SRS LAT: 0302818 LONG: 0870048
OPERATOR: GULF LEASE: #1 FLA ST LSE 833
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1S 28W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.) 6064
23 1S 28W X 10 3

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER					
POST-MIOCENE			UPPER CONFINING UNIT, LS SYSTEM	A-712	>198
MIocene	A-712	>198	LIMESTONE AQUIFER SYSTEM:		
OLIGOCENE	-910	488	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-910	307
LATE EOCENE	-1398	432	SUB-REGIONAL LOW-PERM. UNIT:		
MIDDLE EOCENE	-1830	542	I		
EARLY EOCENE	-2372	1009	II		
PALEOCENE	-3381	754	III		
CRETACEOUS	-4135		IV		
			V	-1217	181
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1398	349
			BOULDER ZONE		
			BASE OF SYSTEM	-1747	
			LOCAL LOW-PERMEABILITY UNIT(S)		

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RECORD NUMBER: 1211306 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLA-SR6 LAT: 0305018 LONG : 0865945
OPERATOR: BRITISH-AMER LEASE: #1 W S ROSACO
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 28W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
24 4N 28W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 183

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+72	98
MIocene	-26	230
OLIGOCENE	-256	344
LATE EOCENE	-600	324
MIDDLE EOCENE	-924	648
EARLY EOCENE	-1572	911
PALEOCENE	-2483	981
CRETACEOUS	-3464	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+72	98
UPPER CONFINING UNIT, LS SYSTEM	-26	230
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-256	210
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-466	134
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-600	214
BOULDER ZONE		
BASE OF SYSTEM	-814	
LOCAL LOW-PERMEABILITY UNIT(S)		

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RECORD NUMBER: 1211307 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLA-SR9 LAT: 0304742 LONG: 0865400

OPERATOR: APPLEMAN LEASE: #1 USA ST OF FLA
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 27W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
1 3N 27W X
ELEVATION OF DERRICK FLOOR (FT.) 130
ELEVATION OF GROUND LEVEL (FT.) 123
DEPTH OF WELL (FT.) 6510

STATE GEOLOGICAL SURVEY WELL NUMBER: 166

GEOLOGIC UNITS
UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE
UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

MIocene
UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

OLIGOCENE A-378 >229

LATE EOCENE -607 309

MIDDLE EOCENE -916 618

EARLY EOCENE -1534 693

PALEOCENE -2227 1098

CRETACEOUS -3325

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-378 >96

SUB-REGIONAL LCM-PERM. UNIT:

I

II

III

IV

V -476 133

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -607 208

BOULDER ZONE

BASE OF SYSTEM -815

LOCAL LOW-PERMEABILITY UNIT(S)

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RECORD NUMBER: 1211308 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR11 LAT: 0304500 LONG: 0864900
OPERATOR: SUNNYLAND LEASE: #1 USA
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 26W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
23 3N 26W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 200

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
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POST-MIOCENE

MIocene		
OLIGOCENE	A-387	>226
LATE EOCENE	-613	287
MIDDLE EOCENE	-900	635
EARLY EOCENE	-1535	748
PALEOCENE	-2283	1055
CRETACEOUS	-3338	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
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SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-387 83
SUB-REGIONAL LOW-PERM. UNIT:

I		
II		
III		
IV		
V	-470	143
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -613 198
BOULDER ZONE
BASE OF SYSTEM -811
LOCAL LOW-PERMEABILITY UNIT(S)

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RECORD NUMBER: 1211309 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR12 LAT: 0305012 LONG: 0864800
 OPERATOR: CLINCH DRILLIN LEASE: #1 J W KELLY
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 26W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 24 4N 26W X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 179

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICAL AQUIFER			
MIOCENE				UPPER CONFINING UNIT, LS SYSTEM			
OLIGOCENE	A-285	>212		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-497	317		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)			
MIDDLE EOCENE	-814	578			A-285	>80	
EARLY EOCENE	-1392	896		SUB-REGIONAL LOW-PERM. UNIT:			
PALEOCENE	-2288	886		I			
CRETACEOUS	-3174			II			
				III			
				IV			
				V	-365	132	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
					-497	148	
				BOULDER ZONE			
				BASE OF SYSTEM			
					-645		
				LOCAL LOW-PERMEABILITY UNIT(S)			
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							3

RECORD NUMBER: 1211310 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR14 LAT: 0305630 LONG: 0865300
OPERATOR: SUNNYLAND LEASE: #3 SANTA MARIA UNIT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 18 26W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
5N 18 X 237
ELEVATION OF DERRICK FLOOR (FT.) 225
ELEVATION OF GROUND LEVEL (FT.) 225
DEPTH OF WELL (FT.) 6475

STATE GEOLOGICAL SURVEY WELL NUMBER: 197

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A-298	>82
LATE EOCENE	-380	342
MIDDLE EOCENE	-722	624
EARLY EOCENE	-1346	787
PALEOCENE	-2133	935
CRETACEOUS	-3068	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-298	>32
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-330	50
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-380	260
BOULDER ZONE		
BASE OF SYSTEM	-640	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1211311 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR16 LAT: 0304000 LONG : 0865124
 OPERATOR: PHILLIPS LEASE: #1 ST REGIS B
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 26W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 21 2N 26W X
 STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	
POST-MIOCENE	+155	260		SURFICAL AQUIFER	+155	260	
MIOCENE	-105	319		UPPER CONFINING UNIT, LS SYSTEM	-105	319	
OLIGOCENE	-424	365		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-789	288		UPPER MAJOR PERMEABLE ZONE			
MIDDLE EOCENE	-1077	626		(TOP OF SYSTEM)	-424	221	
EARLY EOCENE	-1703	903		SUB-REGIONAL LOW-PERM. UNIT:			
PALEOCENE	-2606	926		I			
CRETACEOUS	-3532			II			
				III			
				IV			
				V	-645	144	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-789	184	
				BOULDER ZONE			
				BASE OF SYSTEM	-973		
				LOCAL LOW-PERMEABILITY UNIT(S)			

- 1
- 2
- 3

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RECORD NUMBER: 1211312 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR22 LAT: 0305730 LONG: 087040C
OPERATOR: HUNT LEASE: #2 FOSHER-MILLER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 5N 28W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
8 5N 28W 282 6512

STATE GEOLOGICAL SURVEY WELL NUMBER: 671

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE A-341 >129
LATE EOCENE -470 363
MIDDLE EOCENE -833 751
EARLY EOCENE -1584 801
PALEOCENE -2385 924
CRETACEOUS -3309

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

A-341 >129

LOWER MAJOR PERMEABLE ZONE

183

BOULDER ZONE

-470 -653

BASE OF SYSTEM

1

2

3

RECORD NUMBER: 1211313 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR23 LAT: 0305712 LONG: 0870721
OPERATOR: SUNNYLAND LEASE: T J NICHOLS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 15 SN 29W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
180 190 180 6992

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
SURFICIAL AQUIFER							
POST-MIOCENE				UPPER CONFINING UNIT, LS SYSTEM	A-160	>32	
MIocene	A-160	>32		LIMESTONE AQUIFER SYSTEM:			
OLIGOCENE	-192	368		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-192	253	
LATE EOCENE	-563	358		SUB-REGIONAL LOW-PERM. UNIT:			
MIDDLE EOCENE	-918	787		I			
EARLY EOCENE	-1705	850		II			
PALEOCENE	-2555	966		III			
CRETACEOUS	-3521			IV			
				V	-445	115	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-560	180	
				BOULDER ZONE			
				BASE OF SYSTEM	-740		
				LOCAL LOW-PERMEABILITY UNIT(S)			

- 1
- 2
- 3

RECORD NUMBER: 1211314 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR25 LAT: 0310000 LONG: 0870924
OPERATOR: SCRUGGS LEASE: #1 H MANNA
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 29W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
29 6N 29W

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE		
MIOCENE		
OLIGOCENE	A-351	>158
LATE EOCENE	-509	353
MIDDLE EOCENE	-862	776
EARLY EOCENE	-1638	895
PALEOCENE	-2533	1053
CRETACEOUS	-3586	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-351	>96
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V	-447	62
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-509	198
BOULDER ZONE		
BASE OF SYSTEM	-707	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1211315 COUNTY: SANTA ROSA LCCAL WELL NUMBER: FLASR26 LAT: 0305018 LONG: 0871718
OPERATOR: TEMPLE LEASE: #1 A M MCDAVID
SECTION TOWN-RANGE DATA AVAILABLE
SHIP 38 4N 30W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
38 4N 30W

STATE GEOLOGICAL SURVEY WELL NUMBER: 224

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE	A-316	>99	UPPER CONFINING UNIT, LS SYSTEM A-316		
OLIGOCENE	-415	390	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-805	275	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	-1080	559	SUB-REGIONAL LCM-PERM. UNIT:		
EARLY EOCENE	-1639	892	I	-415	312
PALEOCENE	-2531	1253	II		
CRETACEOUS	-3784		III		

IV					
V				-727	78
VI					
VII					
VIII					
LOWER MAJOR PERMEABLE ZONE				-805	195
BOULDER ZONE					
BASE OF SYSTEM				-1000	
LOCAL LOW-PERMEABILITY UNIT(S)					

- 1
- 2
- 3

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RECORD NUMBER: 1211316 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR31 LAT: 0305330 LONG: 0870600
OPERATOR: TEXAS CO LEASE: #1 C W BAILEY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 4N 29W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
1 4N 29W X
STATE GEOLOGICAL SURVEY WELL NUMBER:

ELEVATION OF DERRICK FLOOR (FT.) 154
ELEVATION OF GROUND LEVEL (FT.) 144
DEPTH OF WELL (FT.) 7020

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE

MIOCENE
OLIGOCENE A-589 >60
LATE EOCENE -649 305
MIDDLE EOCENE -954 636
EARLY EOCENE -159C 988
PALEOCENE -2578 967
CRETACEOUS -3545

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

A-589 >60

LOWER MAJOR PERMEABLE ZONE -649 2C1

BOULDER ZONE

BASE OF SYSTEM -850

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1211317 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR70 LAT: 0304410 LONG: 0865450
OPERATOR: RUTHERFORD LEASE: #1 ST REGIS B 23-2
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 23 3N 27W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
187 163 16210

STATE GEOLOGICAL SURVEY WELL NUMBER: 615

GEOLOGIC UNITS			HYCROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+163	130	SURFICAL AQUIFER	+163	130
MIocene	+33	370	UPPER CONFINING UNIT, LS SYSTEM	+33	370
OLIGOCENE	-337	350	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-687	290	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-337	195
MIDDLE EOCENE	-977	670	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1647	695	I		
PALEOCENE	-2342	1085	II		
CRETACEOUS	-3427		III		
			IV		
			V	-532	155
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-687	195
			BOULDER ZONE		
			BASE OF SYSTEM	-882	
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1211318 COUNTY: SANTA ROSA LOCAL WELL NUMBER: FLASR73 LAT: 0302330 LONG : 0864820

OPERATOR: USAF LEASE: SITE A-15

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 25 26W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 13
ELEVATION OF GROUND LEVEL (FT.) 13
DEPTH OF WELL (FT.) 860

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+13	172
MIOCENE	-159	610
OLIGOCENE	-779	>68
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+13	408
UPPER CONFINING UNIT, LS SYSTEM	-395	290
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-685	>162
SUB-REGIONAL LCM-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

HYDROLOGIC UNITS

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+16	24	SURFICAL AQUIFER	+16	24
MIocene	-8	646	UPPER CONFINING UNIT, LS SYSTEM	-8	646
OLIGOCENE	-654	>58	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-654	>58
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1211502 COUNTY: SARASOTA LOCAL WELL NUMBER: FLASAR2 LAT: 0270642 LONG: 0822538

OPERATOR: LEASE: BAY INDIES #2

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 39S 19E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 14
ELEVATION OF GROUND LEVEL (FT.) 14
DEPTH OF WELL (FT.) 670

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+14	22
MIOCENE	-8	564
OLIGOCENE	-572	>84
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+14	22
UPPER CONFINING UNIT, LS SYSTEM	-8	564
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-572	>84
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1211503	COUNTY: SARASOTA	LOCAL WELL NUMBER: FLASAR3	LAT: Q271659	LONG : 0823130
OPERATOR:	LEASE: PHILIP ANDERSON		ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)
SECTION TOWN-SHIP	RANGE	CUTTINGS CCRE PALEONTOLOGY	DATA AVAILABLE	DEPTH OF WELL (FT.)
8	37S	18E		25
				736

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+25	42	SURFICAL AQUIFER	+25	42
MIOCENE	-17	518	UPPER CONFINING UNIT, LS SYSTEM	-17	518
OLIGOCENE	-535	>176	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-535	>176
MIDDLE EOCENE					
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

RECORD NUMBER: 1211504 COUNTY: SARASOTA LOCAL WELL NUMBER: FLASAR4 LAT: 0272032 LONG: 0822503

OPERATOR: LEASE: COWART RANCH

SECTION TOWN- RANGE
SHIP 36S 19E

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.) 35
ELEVATION OF GROUND LEVEL (FT.) 35
DEPTH OF WELL (FT.) 1037

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +35 34
MIOCENE +1 500
OLIGOCENE -499 302
LATE EOCENE -801 >201
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +35 34
UPPER CONFINING UNIT, LS SYSTEM +1 500
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -499 >503

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1211505 COUNTY: SARASOTA LOCAL WELL NUMBER: FLASARS LAT: 0272053 LONG: 0823202
OPERATOR: LEASE: SARASOTA SEWAGE PLANT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 18 36S 18E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
19 X
3513

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+19	18	SURFICAL AQUIFER	+19	18
MIOCENE	+1	542	UPPER CONFINING UNIT, LS SYSTEM	+1	542
OLIGOCENE	-541	234	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-775	306	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-541	872
MIDDLE EOCENE	-1081	1348			
EARLY EOCENE	-2429	>1065	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II	-1413	1122
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-2535	>458
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	-2993	501
			2		
			3		

RECORD NUMBER: 1212101 COUNTY: SUWANNEE LOCAL WELL NUMBER: FLASUW4 LAT: 0301710 LONG : 0824920
OPERATOR: SUN LEASE: #1 TILLIS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2S 15E CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
28 2S 15E X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 57

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A+40	>276
-236	600
-836	430
-1266	350
-1616	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LCN-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 110
ELEVATION OF GROUND LEVEL (FT.) 100
DEPTH OF WELL (FT.) 3684

STATE GEOLOGICAL SURVEY WELL NUMBER: 143

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

>176

395

323

-1556

A-662

-838

-1233

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-662 >781

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1443

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

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LAT: 0301200 LONG : 0830800

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
95	85	3819

DATA AVAILABLE				
CUTTINGS	CORE	PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG
X	X	X	X	

✕

06

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
(MSL)		
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102
103	104	105
106	107	108
109	110	111
112	113	114
115	116	117
118	119	120
121	122	123
124	125	126
127	128	129
130	131	132
133	134	135
136	137	138
139	140	141
142	143	144
145	146	147
148	149	150
151	152	153
154	155	156
157	158	159
160	161	162
163	164	165
166	167	168
169	170	171
172	173	174
175	176	177
178	179	180
181	182	183
184	185	186
187	188	189
190	191	192
193	194	195
196	197	198
199	200	201
202	203	204
205	206	207
208	209	210
211	212	213
214	215	216
217	218	219
220	221	222
223	224	225
226	227	228
229	230	231
232	233	234
235	236	237
238	239	240
241	242	243
244	245	246
247	248	249
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
292	293	294
295	296	297
298	299	300
301	302	303
304	305	306
307	308	309
310	311	312
313	314	315
316	317	318
319	320	321
322	323	324
325	326	327
328	329	330
331	332	333
334	335	336
337	338	339
340	341	342
343	344	345
346	347	348
349	350	351
352	353	354
355	356	357
358	359	360
361	362	363
364		

SURFICAL AQUIFER

25

55+

-218

88-1

-1258

-1533

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

9

2

3

RECORD NUMBER: 1212104 COUNTY: SUWANNEE LOCAL WELL NUMBER: FLASUW7 LAT: 0300425 LONG: 0824935
OPERATOR: SUN LEASE: #1 A B RUSSELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 15E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
8 SS X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 109

GEOLGIC UNITS
ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
UNIT UNIT ELEVATION OF TOP THICKNESS
(MSL) (MSL) (FT.) (FT.)

POST-MIOCENE
MIOCENE
OLIGOCENE
LATE EOCENE A-6 >337
MIDDLE EOCENE -343 450
EARLY EOCENE -793 380
PALEOCENE -1173 350
CRETACEOUS -1523
SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE A-6 >755
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III -761 32
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -793 566
BOULDER ZONE
BASE OF SYSTEM -1359
LOCAL LOW-PERMEABILITY UNIT(S)
1
2
3

RECORD NUMBER: 1212105 COUNTY: SUWANNEE LOCAL WELL NUMBER: FLASUW8 LAT: 0300045 LONG: 0825100
OPERATOR: SUN LEASE: #1 EARL ODUM
SECTION TOWN-RANGE DATA AVAILABLE
SHIP 31 5S 15E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 45

GEOLOGIC UNITS
UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE
MIocene
OLIGOCENE
LATE EOCENE A+7 >383
MIDDLE EOCENE -376 450
EARLY EOCENE -826 345
PALEOCENE -1171 355
CRETACEOUS -1526

HYDROLOGIC UNITS
UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE A+7 >1351
SUB-REGIONAL LCW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -1344
LOCAL LOW-PERMEABILITY UNIT(S)
1
2
3

RECORD NUMBER: 1212106 COUNTY: SUWANNEE LOCAL WELL NUMBER: FLASUW9 LAT: 0301830 LONG: 0830740
OPERATOR: HUNT LEASE: #1 C R HOWES
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 16 2S 12E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 724

GEOLOGIC UNITS
ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
UNIT UNIT ELEVATION OF TOP THICKNESS
(MSL) OF UNIT (FT.) (FT.)

POST-MIOCENE
MIocene
OLIGOCENE
LATE EOCENE A+5 >178
MIDDLE EOCENE 173 800
EARLY EOCENE -973 420
PALEOCENE -1393 420
CRETACEOUS -1813

SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE A+5 >1515
SUB-REGIONAL LCM-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -1510
LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1212107 COUNTY: SUWANNEE LOCAL WELL NUMBER: FLSUW1C LAT: 0301530 LONG: 0830250
OPERATOR: HUNT LEASE: #1 T P HURST
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 13E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
5 3S 13E X
STATE GEOLOGICAL SURVEY WELL NUMBER: 723

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A+21 >144
-123 860
-983 360
-1343 350
-1693

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LCM-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

-1438

STATE GEOLOGICAL SURVEY WELL NUMBER: 119

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)	
(MSL)			
1	10.0	1.0	1.0
2	10.0	1.0	1.0
3	10.0	1.0	1.0
4	10.0	1.0	1.0
5	10.0	1.0	1.0
6	10.0	1.0	1.0
7	10.0	1.0	1.0
8	10.0	1.0	1.0
9	10.0	1.0	1.0
10	10.0	1.0	1.0
11	10.0	1.0	1.0
12	10.0	1.0	1.0
13	10.0	1.0	1.0
14	10.0	1.0	1.0
15	10.0	1.0	1.0
16	10.0	1.0	1.0
17	10.0	1.0	1.0
18	10.0	1.0	1.0
19	10.0	1.0	1.0
20	10.0	1.0	1.0
21	10.0	1.0	1.0
22	10.0	1.0	1.0
23	10.0	1.0	1.0
24	10.0	1.0	1.0
25	10.0	1.0	1.0
26	10.0	1.0	1.0
27	10.0	1.0	1.0
28	10.0	1.0	1.0
29	10.0	1.0	1.0
30	10.0	1.0	1.0
31	10.0	1.0	1.0
32	10.0	1.0	1.0
33	10.0	1.0	1.0
34	10.0	1.0	1.0
35	10.0	1.0	1.0
36	10.0	1.0	1.0
37	10.0	1.0	1.0
38	10.0	1.0	1.0
39	10.0	1.0	1.0
40	10.0	1.0	1.0
41	10.0	1.0	1.0
42	10.0	1.0	1.0
43	10.0	1.0	1.0
44	10.0	1.0	1.0
45	10.0	1.0	1.0
46	10.0	1.0	1.0
47	10.0	1.0	1.0
48	10.0	1.0	1.0
49	10.0	1.0	1.0
50	10.0	1.0	1.0
51	10.0	1.0	1.0
52	10.0	1.0	1.0
53	10.0	1.0	1.0
54	10.0	1.0	1.0
55	10.0	1.0	1.0
56	10.0	1.0	1.0
57	10.0	1.0	1.0
58	10.0	1.0	1.0
59	10.0	1.0	1.0
60	10.0	1.0	1.0
61	10.0	1.0	1.0
62	10.0	1.0	1.0
63	10.0	1.0	1.0
64	10.0	1.0	1.0
65	10.0	1.0	1.0
66	10.0	1.0	1.0
67	10.0	1.0	1.0
68	10.0	1.0	1.0
69	10.0	1.0	1.0
70	10.0	1.0	1.0
71	10.0	1.0	1.0
72	10.0	1.0	1.0
73	10.0	1.0	1.0
74	10.0	1.0	1.0
75	10.0	1.0	1.0
76	10.0	1.0	1.0
77	10.0	1.0	1.0
78	10.0	1.0	1.0
79	10.0	1.0	1.0
80	10.0	1.0	1.0
81	10.0	1.0	1.0
82	10.0	1.0	1.0
83	10.0	1.0	1.0
84	10.0	1.0	1.0
85	10.0	1.0	1.0
86	10.0	1.0	1.0
87	10.0	1.0	1.0
88	10.0	1.0	1.0
89	10.0	1.0	1.0
90	10.0	1.0	1.0
91	10.0	1.0	1.0
92	10.0	1.0	1.0
93	10.0	1.0	1.0
94	10.0		

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP CF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

11

III

iv

2

VI

VI

viii

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM
-1303

LOCAL LOW-PERMEABILITY UNIT(S)

-9915

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1212302 COUNTY: TAYLOR LCCAL WELL NUMBER: FLATAY3 LAT: 0300412 LONG: 0834109
OPERATOR: HUMBLE LEASE: #1 G H HODGES
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 6E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
12 5S 6E X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 85

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-25	>159
MIDDLE EOCENE	-184	952
EARLY EOCENE	-1136	438
PALEOCENE	-1574	514
CRETACEOUS	-2088	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-25	>1658
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1212303 COUNTY: TAYLOR LOCAL WELL NUMBER: FLATAY4 LAT: 0295718 LONG: 0332624

OPERATOR: GULF LEASE: 18BROOKS-SCANLON BLK37

SECTION TOWN- RANGE DATA AVAILABLE
SHIP 6S 9E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 67
ELEVATION OF GROUND LEVEL (FT.) 57
DEPTH OF WELL (FT.) 4877

STATE GEOLOGICAL SURVEY WELL NUMBER: 120

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	+57	334
MIDDLE EOCENE	-277	775
EARLY EOCENE	-1052	378
PALEOCENE	-1430	565
CRETACEOUS	-1995	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+57	1457
SUB-REGIONAL LCM-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

SOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

-1400

1	-1042	10
2	-1180	20
3		

RECORD NUMBER: 1212304 COUNTY: TAYLOR LOCAL WELL NUMBER: FLATAYS LAT: 0294730 LONG : 0832530
OPERATOR: GULF LEASE: 18BROOKS-SCANLON BLK42
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 8S 9E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
9 8S 9E X X X X X
ELEVATION OF DERRICK ELEVATION OF DEPTH
FLOOR (FT.) GROUND LEVEL (FT.) OF WELL (FT.)
41 3C 5517

STATE GEOLOGICAL SURVEY WELL NUMBER: 116

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-12 >316
-328 725
-1053 395
-1448 470
-1918

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-12 >1331

SUB-REGIONAL LCM-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1343

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

25

-1034

RECORD NUMBER: 1212305 COUNTY: TAYLOR LOCAL WELL NUMBER: FLATAY7 LAT: 0300140 LONG: 0834845
OPERATOR: HUNT LEASE: #1 BUCKEYE CELLULOSE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
22 55 SE X
ELEVATION OF DERRICK FLOOR (FT.) 18
ELEVATION OF GROUND LEVEL (FT.) 5
DEPTH OF WELL (FT.) 7502

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

SURFICAL AQUIFER					
POST-MIOCENE					
MIocene					
OLIGOCENE					
UPPER CONFINING UNIT, LS SYSTEM					
LIMESTONE AQUIFER SYSTEM:					
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)					
LATE EOCENE	A-299	>83		A-299	>1401
MIDDLE EOCENE	-382	810			
EARLY EOCENE	-1192	385			
PALEOCENE	-1577	467			
CRETACEOUS	-2044				
SUB-REGIONAL LOW-PERM. UNIT:					
			I		
			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
LOWER MAJOR PERMEABLE ZONE					
BOULDER ZONE					
BASE OF SYSTEM					
LOCAL LOW-PERMEABILITY UNIT(S)					
-1700					

- 1
- 2
- 3

RECORD NUMBER: 1212501 COUNTY: UNION LOCAL WELL NUMBER: FLAUN-2 LAT: 0300230 LONG: 0823154
OPERATOR: GETTY LEASE: #1 K.O. DICKS 20-8
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 5S 18E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
20 5S 18E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 649

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+40	>29
OLIGOCENE		
LATE EOCENE	+11	331
MIDDLE EOCENE	-320	660
EARLY EOCENE	-980	280
PALEOCENE	-1260	430
CRETACEOUS	-1690	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+40 >29

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) +11 1431

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1420

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
139	126	3036

RECORD NUMBER: 1212703 COUNTY: VOLUSIA LOCAL WELL NUMBER: FLAVO-4 LAT: 0290541 LONG: 0811329
OPERATOR: USGS LEASE: SALT-WATER MONITOR
SECTION TOWN- DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
20 16S 31E X
STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
POST-MIOCENE		SURFICIAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	
MIDDLE EOCENE	A-605 >677	SUB-REGIONAL LOW-PERM. UNIT:	
EARLY EOCENE	-1282 >176	I	A-605 >193
PALEOCENE		II	
CRETACEOUS		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	-798 >660
		BOULDER ZONE	
		BASE OF SYSTEM	
		LOCAL LOW-PERMEABILITY UNIT(S)	

- 1
- 2
- 3

RECORD NUMBER: 1212502 COUNTY: UNION LOCAL WELL NUMBER: FLAUN-3 LAT: 0300548 LONG : 0822715

OPERATOR: GETTY LEASE: #1 WILFORD CROFT 31-7
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 4S 19E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 31 4S 19E X

STATE GEOLOGICAL SURVEY WELL NUMBER: 680

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

POST-MIOCENE

MIOCENE A+9 >24
 OLIGOCENE
 LATE EOCENE -15 339
 MIDDLE EOCENE -354 625
 EARLY EOCENE -979 495
 PALEOCENE -1474 345
 CRETACEOUS -1819

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+9 >24
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE
 (TOP OF SYSTEM) -15 1459
 SUB-REGIONAL LOW-PERM. UNIT:

I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1474

LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

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RECORD NUMBER: 1212701 COUNTY: VOLUSIA LOCAL WELL NUMBER: FLAVO-1 LAT: 0291350 LONG: 0811000
OPERATOR: GRACE LEASE: #1 RETAIL LUMBER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 155 30E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
2 X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 1746

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-42	>1297
EARLY EOCENE	-1339	545
PALEOCENE	-1884	880
CRETACEOUS	-2764	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-42	>318
SUB-REGIONAL LOW-PERM. UNIT:		
I	-360	526
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-886	1176
BOULDER ZONE		
BASE OF SYSTEM	-2062	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1212704 COUNTY: VOLLISIA LCCAL WELL NUMBER: FLAVO-5 LAT: 0290251 LONG : 0810014
OPERATOR: USGS LEASE: NEAR NEW SMYRNA
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 17S 33E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
9 17S 33E X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+26	48		SURFICAL AQUIFER	+26	48	
MIocene	-22	48		UPPER CONFINING UNIT, LS SYSTEM	-22	48	
OLIGOCENE				LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-70	132		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-70	338	
MIDDLE EOCENE	-202	>468		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE				I	-408	>262	
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM			
				LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

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RECORD NUMBER: 1212705 COUNTY: VOLUSIA LOCAL WELL NUMBER: FLAVO-6 LAT: 0291031 LONG: 0805904
OPERATOR: LEASE: DAYTONA BEACH (OLD 10)
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 15S 33E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
33 15S 33E X X
STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+13	50
MIocene	-37	48
OLIGOCENE		
LATE EOCENE	-85	132
MIDDLE EOCENE	-217	>638
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+13	50
UPPER CONFINING UNIT, LS SYSTEM	-37	48
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-85	338
SUB-REGIONAL LCM-PERM. UNIT:		
I	-423	340
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-763	>92
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1212901 COUNTY: WAKULLA LOCAL WELL NUMBER: FLAWAK1 LAT: 0301330 LONG: 0841200
OPERATOR: RAVLIN-BROWN LEASE: #1 V C PHILLIPS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 35 1E CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
14 35 1E X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 440

GEOLOGIC UNITS
ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE
MIOCENE
OLIGOCENE A-335 >61
LATE EOCENE -396 420
MIDDLE EOCENE -816 1156
EARLY EOCENE -1972 505
PALEOCENE -2477 154
CRETACEOUS -2631
SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-335 >1767
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII

HYDROLOGIC UNITS
ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)
LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -2102
LOCAL LOW-PERMEABILITY UNIT(S)
1 -587 130
2
3

RECORD NUMBER: 1212902 COUNTY: WAKULLA LOCAL WELL NUMBER: FLAWAK2 LAT: 0301625 LONG: 0843200
OPERATOR: PLACIO LEASE: #1 USA 27-2
SECTION TOWN- DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
27 2S 3W X 99 85 11735
STATE GEOLOGICAL SURVEY WELL NUMBER: 696

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.) (MSL)

POST-MIOCENE

MIOCENE A+3 >113
OLIGOCENE -110 320
LATE EOCENE -430 420
MIDDLE EOCENE -850 920
EARLY EOCENE -1770 685
PALEOCENE -2455 285
CRETACEOUS -2740

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.) (MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+3 >113
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -110 1660
SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -1770

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1213101 COUNTY: WALTON LOCAL WELL NUMBER: FLAWAL2 LAT: 0304921 LONG: 0861809

OPERATOR: SUN LEASE: #4 BRADY BELCHER

SECTION TOWN-RANGE DATA AVAILABLE
SHIP 25 4N 21W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 244

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-190	>292
MIDDLE EOCENE	-482	599
EARLY EOCENE	-1081	845
PALEOCENE	-1926	703
CRETACEOUS	-2629	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-190	>240
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-430	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
244	235	5223

RECORD NUMBER: 1213102 COUNTY: WALTON LOCAL WELL NUMBER: FLAWAL4 LAT: 0305448 LONG: 0862053
OPERATOR: D E L BYERS LEASE: #1 EARL EDWARD
SECTION TOWN- DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
28 5N 21W X 212 208 5267

STATE GEOLOGICAL SURVEY WELL NUMBER: 68

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE			SURFICIAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
			A+107		
			>39		
			LIMESTONE AQUIFER SYSTEM:		
OLIGOCENE			A+107		
			>108		
LATE EOCENE			-61		
			267		
MIDDLE EOCENE			-328		
			515		
EARLY EOCENE			-843		
			832		
PALEOCENE			-1675		
			655		
CRETACEOUS			-2330		

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -192
LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1213103 COUNTY: WALTON LOCAL WELL NUMBER: FLAWALS LAT: 0304536 LONG: 0860812
OPERATOR: TEMPLE LEASE: #2 HARBESON LUMBER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 3N 19W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
15 3N 19W X
ELEVATION OF DERRICK FLOOR (FT.) 227
ELEVATION OF GROUND LEVEL (FT.) 223
DEPTH OF WELL (FT.) 4975

STATE GEOLOGICAL SURVEY WELL NUMBER: 168

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+115	>121
OLIGOCENE	-6	165
LATE EOCENE	-171	244
MIDDLE EOCENE	-415	594
EARLY EOCENE	-1009	824
PALEOCENE	-1833	732
CRETACEOUS	-2565	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A+115	>121
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-6	368
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

-374

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

OPERATOR: TEMPLE
SECTION TOWN- RANGE
SHIP 20W
CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
27 4N 20W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 169

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE				SURFICIAL AQUIFER			
MIOCENE	A+158	>73		UPPER CONFINING UNIT, LS SYSTEM	A+158	>73	
OLIGOCENE	+85	105		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-20	364		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+85	70	
MIDDLE EOCENE	-384	643		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-1027	820		I			
PALEOCENE	-1847	718		II			
CRETACEOUS	-2565			III			
				IV			
				V	+15	35	
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE	-20	288	
				BOULDER ZONE			
				BASE OF SYSTEM	-308		
				LOCAL LOW-PERMEABILITY UNIT(S)			

- 1
- 2
- 3

RECORD NUMBER: 1213105 COUNTY: WALTON LOCAL WELL NUMBER: FLAWAL7 LAT: 0305242 LONG : 0860318

OPERATOR: SUNNYLAND LEASE: #1 T A YAWKEY

SECTION TOWN- DATA AVAILABLE

SHIP RANGE

5 4N 18W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 203

ELEVATION OF DERRICK FLOOR (FT.) 302

ELEVATION OF GROUND LEVEL (FT.) 292

DEPTH OF WELL (FT.) 4632

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
THICKNESS (FT.)			
POST-MIOCENE		SURFICAL AQUIFER	
MIOCENE		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	A-36	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	
MIDDLE EOCENE	-332		
EARLY EOCENE	-749		
PALEOCENE	-1503		
CRETACEOUS	-2170		
		SUB-REGIONAL LOW-PERM. UNIT:	
		I	
		II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	
		BOULDER ZONE	
		BASE OF SYSTEM	
		LOCAL LOW-PERMEABILITY UNIT(S)	
		-241	

- 1
- 2
- 3

RECORD NUMBER: 1213107 COUNTY: WALTON LOCAL WELL NUMBER: FLWAL11 LAT: 0302851 LONG : 0855600
OPERATOR: C L SMITH LEASE: #1 WALTON LD & TIMBER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1N 17W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
22 1N 17W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 142

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-383	>346
MIDDLE EOCENE	-784	714
EARLY EOCENE	-1498	880
PALEOCENE	-2378	710
CRETACEOUS	-3008	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-383	>283
SUB-REGIONAL LCH-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1213108 COUNTY: WALTON LOCAL WELL NUMBER: FLWAL12 LAT: 0302439 LONG: 0861900
OPERATOR: H L HAWKINS LEASE: #1 COROTHY COFFEEIN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2S 21W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
14 2S 21W 14 3 6010

STATE GEOLOGICAL SURVEY WELL NUMBER: 206

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER					
UPPER CONFINING UNIT, LS SYSTEM					
LIMESTONE AQUIFER SYSTEM:					
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)					
SUB-REGIONAL LOW-PERM. UNIT:					
I					
II					
III					
IV					
V					
VI					
VII					
VIII					
LOWER MAJOR PERMEABLE ZONE					
BOULDER ZONE					
BASE OF SYSTEM					
LOCAL LOW-PERMEABILITY UNIT(S)					
1					
2					
3					

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1213109 COUNTY: WALTON LOCAL WELL NUMBER: FLWAL13 LAT: 0302530 LONG: 86CC00
OPERATOR: BYERS LEASE: #1 BOB SEALEY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 25 18W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
12 25 18W X
ELEVATION OF DERRICK FLOOR (FT.) 37
ELEVATION OF GROUND LEVEL (FT.) 27
DEPTH OF WELL (FT.) 5477

STATE GEOLOGICAL SURVEY WELL NUMBER: 1657

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-95	>62
OLIGOCENE	-157	240
LATE EOCENE	-397	375
MIDDLE EOCENE	-772	830
EARLY EOCENE	-1602	800
PALEOCENE	-2402	815
CRETACEOUS	-3217	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

A-95 >272

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

375

BOULDER ZONE

BASE OF SYSTEM

-772

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

RECORD NUMBER: 1213110 COUNTY: WALTON LOCAL WELL NUMBER: FLWAL17 LAT: 0302234 LONG: 0861049
 OPERATOR: USAF LEASE: RADIO TOWER (WL-27)
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 30 25 19W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 30 25 19W
 ELEVATION OF DERRICK FLOOR (FT.) 15
 ELEVATION OF GROUND LEVEL (FT.) 15
 DEPTH OF WELL (FT.) 683

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF UNIT (FT.) (MSL)	TOP THICKNESS (FT.)
POST-MIOCENE	+15	138
MIocene	-123	246
OLIGOCENE	-369	288
LATE EOCENE	-657	>11
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF UNIT (FT.) (MSL)	TOP THICKNESS (FT.)
SURFICAL AQUIFER	+15	138
UPPER CONFINING UNIT, LS SYSTEM	-123	82
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-205	>403
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
 2
 3

RECORD NUMBER: 1213111 COUNTY: WALTON LOCAL WELL NUMBER: FLWAL12 LAT: 0303251 LONG: 0855957

OPERATOR: LEASE: FIRST AMER FARMS #65

SECTION TOWN- RANGE
SHIP 1N 184

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X

ELEVATION OF DERRICK FLOOR (FT.) 132
ELEVATION OF GROUND LEVEL (FT.) 132
DEPTH OF WELL (FT.) 498

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+132	38
MIocene	+94	172
OLIGOCENE	-78	110
LATE EOCENE	-188	>178
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+132	38
UPPER CONFINING UNIT, LS SYSTEM	+94	172
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-78	>288
SUB-REGIONAL LOW-PERM. UNIT:		

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1213301 COUNTY: WASHINGTON LOCAL WELL NUMBER: FLAWASI LAT: 0303949 LONG: 0853242

OPERATOR: SATERLEE-ADAMS LEASE: #1 HORNE

SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 16 3N 13W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 16 3N 13W X X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 73

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+157	139
MIOCENE		
OLIGOCENE	+18	97
LATE EOCENE	-79	283
MIDDLE EOCENE	-362	540
EARLY EOCENE	-902	725
PALEOCENE	-1617	586
CRETACEOUS	-2203	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+157	139
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+18	380
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-362	
LOCAL LOW-PERMEABILITY UNIT(S)		

1

2

3

RECORD NUMBER: 1213302 COUNTY: WASHINGTON LOCAL WELL NUMBER: FLAWAS2 LAT: 0303236 LONG: 0854700
OPERATOR: TEMPLE LEASE: #2 VERNON LD & TBR
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 30 2N 15W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAKNA LOG
30 2N 15W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 156

GEOLOGIC UNITS
ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
UNIT UNIT ELEVATION OF TOP THICKNESS
(MSL) (MSL)

POST-MIOCENE
MIocene
OLIGOCENE A-145 >252
LATE EOCENE -397 230
MIDDLE EOCENE -627 755
EARLY EOCENE -1382 670
PALEOCENE -2052 830
CRETACEOUS -2882

SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-145 >482
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -627
LOCAL LOW-PERMEABILITY UNIT(S)
1
2
3

RECORD NUMBER: 1213303 COUNTY: WASHINGTON LOCAL WELL NUMBER: FLAWAS3 LAT: 0303630 LONG: 0855200
OPERATOR: BYERS LEASE: #1 M A KIMBROUGH
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 2N 16W CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
5 2N 16W

STATE GEOLOGICAL SURVEY WELL NUMBER: 71

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-227	>287
MIDDLE EOCENE	-514	732
EARLY EOCENE	-1246	948
PALEOCENE	-2194	709
CRETACEOUS	-2903	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM;		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-227	>287
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-514	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

ELEVATION OF DERRICK FLOOR (FT.)

70

60

6024

RECORD NUMBER: 1213304 COUNTY: WASHINGTON LOCAL WELL NUMBER: FLAWAS4 LAT: 0302815 LONG: 0855150
OPERATOR: TEMPLE-WILLIAM LEASE: #1 J R MOODY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP 1N 16W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
29 1N 16W 77 72 5000

STATE GEOLOGICAL SURVEY WELL NUMBER: 154

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A-202 >201
LATE EOCENE -403 300
MIDDLE EOCENE -703 635
EARLY EOCENE -1338 855
PALEOCENE -2193 800
CRETACEOUS -2993

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-202 >60

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

-262 30

LOWER MAJOR PERMEABLE ZONE -292 411

BOULDER ZONE

BASE OF SYSTEM -703

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1213305 COUNTY: WASHINGTON LOCAL WELL NUMBER: FLAWASS LAT: 0302830 LONG: 0854348

OPERATOR: WILLIAMS LEASE: #3 VERNON LD & TBR
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP 15W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 22 -1N 15W X

STATE GEOLOGICAL SURVEY WELL NUMBER: 164

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-75	>38
OLIGOCENE	-113	270
LATE EOCENE	-383	250
MIDDLE EOCENE	-633	635
EARLY EOCENE	-1268	830
PALEOCENE	-2098	754
CRETACEOUS	-2852	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-75	>38
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-113	555
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-668	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1213306 COUNTY: WASHINGTON LOCAL WELL NUMBER: FLAWAS6 LAT: 0303200 LONG : 0853442
OPERATOR: BYERS LEASE: #1-A ALFRED BROS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
31 2N 13W X
STATE GEOLOGICAL SURVEY WELL NUMBER: 79

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT
POST-MIOCENE			
MIOCENE			
OLIGOCENE	A-407	>187	
LATE EOCENE	-594	296	
MIDDLE EOCENE	-890	578	
EARLY EOCENE	-1468	672	
PALEOCENE	-2140	568	
CRETACEOUS	-2708		
SURFICIAL AQUIFER			
UPPER CONFINING UNIT, LS SYSTEM			
LIMESTONE AQUIFER SYSTEM:			
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)			A-407 >483
SUB-REGIONAL LOW-PERM. UNIT:			
I			
II			
III			
IV			
V			
VI			
VII			
VIII			
LOWER MAJOR PERMEABLE ZONE			
BOULDER ZONE			
BASE OF SYSTEM			-890
LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

RECORD NUMBER: 1213307 COUNTY: WASHINGTON LOCAL WELL NUMBER: FLAWAS7 LAT: 0304139 LONG: 0853824
OPERATOR: THOMPSON LEASE: #1 ROSS DEAL
SECTION TOWN-RANGE DATA AVAILABLE
SHIP 3N 14W CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
4 3N 14W
STATE GEOLOGICAL SURVEY WELL NUMBER: 240

HYDROLOGIC UNITS
ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
UNIT (MSL)

POST-MIOCENE
MIOCENE
OLIGOCENE
LATE EOCENE A-228 >242
MIDDLE EOCENE -470 446
EARLY EOCENE -916 707
PALEOCENE -1623 627
CRETACEOUS

SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE A-228 >242
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -470
LOCAL LOW-PERMEABILITY UNIT(S)
1
2
3

RECCO NUMBER: 1300101 COUNTY: APPLING LOCAL WELL NUMBER: GA-AP-1 LAT: 0315255 LONG: 0822300
OPERATOR: FELSENTHAL LEASE: #1 BRADLEY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
ELEVATION OF DERRICK FLOOR (FT.) 231
ELEVATION OF GROUND LEVEL (FT.) 219
DEPTH OF WELL (FT.) 4098

STATE GEOLOGICAL SURVEY WELL NUMBER: 148

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

POST-MIOCENE			SURFICIAL AQUIFER		
MIocene	A+159	>448	UPPER CONFINING UNIT, LS SYSTEM	A+159	>448
OLIGOCENE	-289	122	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-411	273	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-289	800
MIDDLE EOCENE	-684	405	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1089	280	I		
PALEOCENE	-1369	210	II		
CRETACEOUS	-1579		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	-1089	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 130C102 COUNTY: APPLING LOCAL WELL NUMBER: GA-AP-2 LAT: 0314609 LONG: 0822105

OPERATOR: USGS LEASE: BAXLEY, SW ENCRACHMT

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 203
ELEVATION OF GROUND LEVEL (FT.) 203
DEPTH OF WELL (FT.) 520

STATE GEOLOGICAL SURVEY WELL NUMBER: 1059

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+203	72
MIocene	+131	>448

OLIGOCENE
LATE EOCENE
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+203	72
UPPER CONFINING UNIT, LS SYSTEM	+131	>448

LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 130C103 COUNTY: APPLING LOCAL WELL NUMBER: GA-AP-3 LAT: 0314315 LONG : 0821200
OPERATOR: USGS LEASE: SURRENCY, SW ENCROACH
SECTION TOWN- DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
190 190 606

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

POST-MIOCENE	+190	84	SURFICAL AQUIFER	+190	84
MIOCENE	+106	460	UPPER CONFINING UNIT, LS SYSTEM	+106	460
OLIGOCENE	-354	>62	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-354	>62

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII
- LOWER MAJOR PERMEABLE ZONE
- BOULDER ZONE
- BASE OF SYSTEM
- LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIocene	A-85	>385	UPPER CONFINING UNIT, LS SYSTEM	A-85	>385
OLIGOCENE	-470	3C	LIMESTONE AQUIFER SYSTEM:		
LATE ECCENE	-500	>280	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-470	>310
MIDDLE EOCENE			SUB-REGIONAL LCW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LCW-PERMEABILITY UNIT(S)		
			1	-645	95
			2		
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1300301 COUNTY: ATKINSON LOCAL WELL NUMBER: GA-AT-1 LAT: 0311600 LONG: 0825700
OPERATOR: SUN LEASE: #1 DOOSTER-LADSON
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE
SHIP X
ELEVATION OF DERRICK FLOOR (FT.) 223
ELEVATION OF GROUND LEVEL (FT.) 217
DEPTH OF WELL (FT.) 4282

STATE GEOLOGICAL SURVEY WELL NUMBER: 107

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A+133 >155
OLIGOCENE -22 148
LATE EOCENE -170 187
MIDDLE EOCENE -357 708
EARLY EOCENE -1065 282
PALEOCENE -1347 230
CRETACEOUS -1577

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+133 >155
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -22 575
SUB-REGIONAL LCH-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -597

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1300501 COUNTY: BACON LOCAL WELL NUMBER: GA-BAC1 LAT: 0313655 LONG: 0822740
OPERATOR: LEASE: MONROE LEE
SECTION TOWN-SHIP RANGE DATA AVAILABLE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
215 215 544

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+215	44	SURFICAL AQUIFER	+215	44
MIOCENE	+171	412	UPPER CONFINING UNIT, LS SYSTEM	+171	412
OLIGOCENE	-241	76	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-317	>12	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-241	>88
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1300701 COUNTY: BAKER LOCAL WELL NUMBER: GA-BAK1 LAT: 0312000 LONG: 0843715

OPERATOR: LEASE: W. P. SMITH

SECTION TOWN-SHIP RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
244
401

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +244 53

MIOCENE

OLIGOCENE

LATE EOCENE +191 135

MIDDLE EOCENE +56 >213

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER +244 53

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) +191 135

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM +56

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1300702 COUNTY: BAKER LOCAL WELL NUMBER: GA-BAK2 LAT: 0312050 LONG: 0842900

OPERATOR: LEASE: MCRAINEY ESTATE

SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
SHIP DATA AVAILABLE X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE +150 51

MIOCENE

OLIGOCENE

LATE EOCENE +99 133

MIDDLE EOCENE -34 219

EARLY EOCENE -253 175

PALEOCENE -428 >32

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER +150 51

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) +99 133

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -34

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1301701 COUNTY: BEN HILL LOCAL WELL NUMBER: GA-8H-1 LAT: 0314255 LONG: 0831439
OPERATOR: LAYNE LEASE: CITY OF FITZGERALD
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

STATE GEOLOGICAL SURVEY WELL NUMBER: 154

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+357	13
MIocene	+344	239
OLIGOCENE	+105	50
LATE EOCENE	+55	208
MIDDLE EOCENE	-153	>229
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+357	162
UPPER CONFINING UNIT, LS SYSTEM	+195	90
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+105	418

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

-313

██████████ SUPPLEMENT TO ██████████
PROFESSIONAL PAPER 1403-B

RECORD NUMBER: 1301702 COUNTY: BEN HILL LOCAL WELL NUMBER: GA-BH-2 LAT: 0314950 LONG : 0830906

OPERATOR: GA DEPT MINES LEASE: #4 TREES, INC.

SECTION	TOWN- SHIP	RANGE	CUTTINGS	CCRE	PALEONTOLOGY	ELECTRIC	LOG	GAMMA	LOG	FLOOR (FT.)	GROUND LEVEL (FT.)	WELL (FT.)
				X				X			197	390

STATE GEOLOGICAL SURVEY WELL NUMBER: 3037

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER	+197	53
MIocene	+197	96	UPPER CONFINING UNIT, LS SYSTEM	+124	23
OLIGOCENE	+101	124	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-23	>170	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+101	>294
MIDDLE EOCENE					
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
CRETACEOUS					

1 2 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1301901 COUNTY: BERRIEN LOCAL WELL NUMBER: GA-8ER1 LAT: 031211S LONG: 083174S

OPERATOR: LEASE: FULLER FARMS

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 323
ELEVATION OF GROUND LEVEL (FT.) 323
DEPTH OF WELL (FT.) 529

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------	------	--------------------------------------	-----------------

POST-MIOCENE	+323	32	SURFICAL AQUIFER	+323	156
--------------	------	----	------------------	------	-----

MIOCENE	+291	>497	UPPER CONFINING UNIT, LS SYSTEM	+167	>373
---------	------	------	---------------------------------	------	------

OLIGOCENE LIMESTONE AQUIFER SYSTEM:

LATE EOCENE UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

MIDDLE EOCENE

EARLY EOCENE

SUB-REGIONAL LCW-PERM. UNIT:

PALEOCENE

CRETACEOUS

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1301902 COUNTY: BERRIEN LOCAL WELL NUMBER: GA-BER2 LAT: 0312250 LONG: 0831315
 OPERATOR: EVERETT LEASE: CITY OF ALAPAMA
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS "CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 1368

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+290	42		SURFICAL AQUIFER	+290	170	
MIocene	+248	370		UPPER CONFINING UNIT, LS SYSTEM	+120	242	
OLIGOCENE	-122	>58		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE				UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-122	>58	
MIDDLE EOCENE				SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE				I			
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM			
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1			
				2			
				3			

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
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BASIC WELL DATA

RECORD NUMBER: 1302501 COUNTY: BRANTLEY LOCAL WELL NUMBER: GA-BRA1 LAT: 0311723 LONG: 0815700
OPERATOR: HUMBLE LEASE: ST-1 W.F. HELLEMN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X 52 42 4513

STATE GEOLOGICAL SURVEY WELL NUMBER: 720

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+42	40
MIOCENE	+2	480
OLIGOCENE	-478	40
LATE EOCENE	-518	265
MIDDLE EOCENE	-783	1070
EARLY EOCENE	-1853	262
PALEOCENE	-2115	328
CRETACEOUS	-2443	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+42	40
UPPER CONFINING UNIT, LS SYSTEM	+2	480
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-478	365
SUB-REGIONAL LCW-PERM. UNIT:		
I	-843	215
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1058	795
BOULDER ZONE		
BASE OF SYSTEM	-1853	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-1487	104
2	-1605	12
3		

RECORD NUMBER: 1302502 COUNTY: BRANTLEY LOCAL WELL NUMBER: GA-BRA2 LAT: 0310848 LONG: 0815130
 OPERATOR: LEASE: SATILLA RIVER ESTATES
 SECTION TOWN-SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LCG DATA AVAILABLE
 DEPTH OF WELL (FT.) 764
 ELEVATION OF DERRICK FLOOR (FT.) 60
 ELEVATION OF GROUND LEVEL (FT.) 60

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+60	38	SURFICAL AQUIFER	+60	38
MIOCENE	+22	578	UPPER CONFINING UNIT, LS SYSTEM	+22	578
OLIGOCENE	-555	63	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-618	>86	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-555	>149
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1302503 COUNTY: BRANTLEY LOCAL WELL NUMBER: GA-BRA3 LAT: 0311533 LONG: 0820319
OPERATOR: HUMBLE LEASE: #1 C. M. DOWLING
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.) 850
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.) 850
X X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +69 35
MIocene +34 545
OLIGOCENE -511 35
LATE EOCENE -546 205
MIDDLE EOCENE -751 >30
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +69 35
UPPER CONFINING UNIT, LS SYSTEM +34 545
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP CF SYSTEM) -511 >270

SUB-REGIONAL LCH-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1302504 COUNTY: BRANTLEY LOCAL WELL NUMBER: GA-BRA4 LAT: 0312051 LONG: 0815828
OPERATOR: HUMBLE LEASE: #1 ROY HARPER
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE
SHIP X X X
ELEVATION OF DERRICK FLOOR (FT.) 53
ELEVATION OF GROUND LEVEL (FT.) 53
DEPTH OF WELL (FT.) 865

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+53	13	SURFICAL AQUIFER	+53	13
MIOCENE	+40	587	UPPER CONFINING UNIT, LS SYSTEM	+40	587
OLIGOCENE	-547	5C	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-597	187	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-547	>265
MIDDLE EOCENE	-784	>28	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1302505 COUNTY: BRANTLEY LOCAL WELL NUMBER: GA-2RAS LAT: 0311335 LONG: 0814819

OPERATOR: HUMBLE LEASE: #1 UNION BAG 99

SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP X DATA AVAILABLE X

ELEVATION OF DERRICK FLOOR (FT.) 60
ELEVATION OF GROUND LEVEL (FT.) 60
DEPTH OF WELL (FT.) 961

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+60	45
MIocene	+15	555
OLIGOCENE	-540	80
LATE EOCENE	-620	270
MIDDLE EOCENE	-890	>11
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER	+60	45
UPPER CONFINING UNIT, LS SYSTEM	+15	555
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-540	>361
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1302506 COUNTY: BRANTLEY LOCAL WELL NUMBER: GA-8RA6 LAT: 0311931 LONG: 0815205
OPERATOR: HUMBLE LEASE: #1 W.H. BROWN
SECTION TOWN-SHIP RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
STATE GEOLOGICAL SURVEY WELL NUMBER: 3222

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+71	40	SURFICAL AQUIFER	+71	40
MIOCENE	+31	600	UPPER CONFINING UNIT, LS SYSTEM	+31	600
OLIGOCENE	-569	55	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-624	240	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-569	>354
MIDDLE EOCENE	-864	>59	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1302507 COUNTY: BRANTLEY LOCAL WELL NUMBER: GA-BRA7 LAT: 0311115 LONG: 0815756
OPERATOR: HUMBLE LEASE: #1 G.W. HIGHSMITH
SECTION TOWN-SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE
SHIP X X X
ELEVATION OF DERRICK FLOOR (FT.) 75
ELEVATION OF GROUND LEVEL (FT.) 75
DEPTH OF WELL (FT.) 950

STATE GEOLOGICAL SURVEY WELL NUMBER: 3315

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +75 50
MIOCENE +25 575
OLIGOCENE -550 65
LATE EOCENE -615 255
MIDDLE EOCENE -870 >5
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +75 50
UPPER CONFINING UNIT, LS SYSTEM +25 575
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -550 >325
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1302701 COUNTY: BROOKS LOCAL WELL NUMBER: GA-BR01 LAT: 0305716 LONG : 0833644
OPERATOR: HUGHES LEASE: #1-B ROGERS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 184

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE		LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	A-461	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-461
MIDDLE EOCENE	-637		>150
EARLY EOCENE	-1255	SUB-REGIONAL LOW-PERM. UNIT:	
PALEOCENE	-1576	I	
CRETACEOUS	-2091	II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	
		BOULDER ZONE	
		BASE OF SYSTEM	-611
		LOCAL LOW-PERMEABILITY UNIT(S)	

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RECORD NUMBER: 1302702 COUNTY: BROOKS LOCAL WELL NUMBER: GA-BR02 LAT: 0305626 LONG : 0834406
OPERATOR: U S GYPSUM LEASE: CORE HOLE #76-2A
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

STATE GEOLOGICAL SURVEY WELL NUMBER: 3189

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIocene A+116 >59

OLIGOCENE +57 131

LATE EOCENE -74 >61

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+116 >59

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) +57 >202

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

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U.S. DEPARTMENT OF
GEOLOGICAL SURVEY

STATE GEOLOGICAL SURVEY WELL NUMBER: 846

HYDROLOGIC UNITS

[illegible]

POST-MIOCENE	+223	28	SURFICAL AQUIFER	+223	28
MIOCENE	+195	184	UPPER CONFINING UNIT, LS SYSTEM	+195	184
OLIGOCENE	+11	>83	LIMESTONE AQUIFER SYSTEM:		
LATE Eocene			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+11	>83

SUB-REGIONAL LOW-PERM. UNIT:

PALEOCENE
CRETACEOUS

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1 2 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1302901 COUNTY: BRYAN LOCAL WELL NUMBER: GA-BRY1 LAT: 0321356 LONG: 0812653

OPERATOR: LEASE: U. BUTLER

SECTION TOWN-
SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
66
309

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +66 50
MIOCENE +16 214
OLIGOCENE -198 >45
LATE EOCENE
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +66 50
UPPER CONFINING UNIT, LS SYSTEM +16 214
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -198 >45
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

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RECORD NUMBER: 1302902 COUNTY: BRYAN LOCAL WELL NUMBER: GA-BRY2 LAT: 0315855 LONG: 0812737
OPERATOR: LEASE: U.S. GOVT. "TOWERS"
SECTION TOWN-RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+20	28	SURFICAL AQUIFER	+20	28
MIOCENE	-8	276	UPPER CONFINING UNIT, LS SYSTEM	-8	276
OLIGOCENE	-284	>2	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-284	>2
MIDDLE EOCENE					
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1302903 COUNTY: BRYAN LOCAL WELL NUMBER: GA-BRY3 LAT: 0320122 LONG: 0812016

OPERATOR: LEASE: U.S. GOVT. "MERCER"

SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL (FT.)
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X 17 426

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+17	43	SURFICAL AQUIFER	+17	43
MIocene	-26	264	UPPER CONFINING UNIT, LS SYSTEM	-26	264
OLIGOCENE	-290	75	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-365	>44	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-290	>119
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
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RECORD NUMBER: 1302904 COUNTY: BRYAN LOCAL WELL NUMBER: GA-BRY4 LAT: 0315356 LCNG : 0812143
OPERATOR: LEASE: INTL PAPER 145
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X
ELEVATION OF DERRICK FLOOR (FT.) 20
ELEVATION OF GROUND LEVEL (FT.) 20
DEPTH OF WELL (FT.) 425

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYCROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+20	62	SURFICAL AQUIFER	+20	62
MIOCENE	-42	282	UPPER CONFINING UNIT, LS SYSTEM	-42	282
OLIGOCENE	-324	76	LIMESTONE AQUIFER SYSTEM:		
LATE ECCENE	-400	>5	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-324	>81
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY ECCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1302905 COUNTY: BRYAN LOCAL WELL NUMBER: GA-BRY5 LAT: 0315326 LONG: 0811157
OPERATOR: LEASE: INTL PAPER #162
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
DEPTH OF WELL (FT.) 656
ELEVATION OF DERRICK FLOOR (FT.) 15
ELEVATION OF GROUND LEVEL (FT.) 15

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+15	86
MIocene	-71	224
OLIGOCENE	-295	76
LATE EOCENE	-371	>270
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+15	86
UPPER CONFINING UNIT, LS SYSTEM	-71	224
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-295	>346

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	-389	105
2	-541	83
3		

RECORD NUMBER: 1302906 COUNTY: BRYAN LOCAL WELL NUMBER: GA-BRY6 LAT: 0315011 LONG: 0811657

OPERATOR: LEASE: INTL PAPER #26

SECTION TOWN-SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE

ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)

18 465

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+18	56	SURFICAL AQUIFER	+18	56
MIocene	-38	286	UPPER CONFINING UNIT, LS SYSTEM	-38	286
OLIGOCENE	-324	68	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-392	>55	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-324	>123

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII
- LOWER MAJOR PERMEABLE ZONE
- BOULDER ZONE
- BASE OF SYSTEM
- LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1303101 COUNTY: BULLOCH LOCAL WELL NUMBER: GA-8UL1 LAT: 0322830 LONG: 0814650

OPERATOR: CARLSON LEASE: STATESBORO #6

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
200
1461

STATE GEOLOGICAL SURVEY WELL NUMBER: 3210

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +200 60
MIOCENE +140 236
OLIGOCENE -96 142
LATE EOCENE -138 168
MIDDLE EOCENE -306 474
EARLY EOCENE -780 90
PALEOCENE -870 155
CRETACEOUS -1025

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +200 60
UPPER CONFINING UNIT, LS SYSTEM +140 236
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -96 210
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -306

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1303102 COUNTY: BULLOCH LOCAL WELL NUMBER: GA-BUL2 LAT: 0322440 LONG: 0814610
 OPERATOR: LAKE SIDE LEASE: STATESBORO #7
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 3427

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+193	44		SURFICAL AQUIFER	+193	44	
MIocene	+149	406		UPPER CONFINING UNIT, LS SYSTEM	+149	406	
OLIGOCENE	-257	46		LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	-303	100		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-257	146	
MIDDLE EOCENE	-403	>204		SUB-REGIONAL LCM-PERM. UNIT:			
EARLY EOCENE				I			
PALEOCENE				II			
CRETACEOUS				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM	-403		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1			
				2			
				3			

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1303301 COUNTY: BURKE LOCAL WELL NUMBER: GA-BU-1 LAT: 0330850 LONG: 0814540
OPERATOR: LEASE: GA POWER-VOGTLE PLANT
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
DEPTH OF WELL (FT.) 930
ELEVATION OF GROUND LEVEL (FT.) 219
ELEVATION OF DERRICK FLOOR (FT.)

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +219 78
MIOCENE
OLIGOCENE
LATE EOCENE
MIDDLE EOCENE +141 182
EARLY EOCENE
PALEOCENE -41 140
CRETACEOUS -181

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +219 78

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

STATE GEOLOGICAL SURVEY WELL NUMBER: 1171

HYDROLOGIC UNITS

POST-MIOCENE	+251	88	
SURFICAL AQUIFER	+251	88	

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LCH-PERM. UNIT:

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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1303303 COUNTY: BURKE LOCAL WELL NUMBER: GA-BU-3 LAT: 0325232 LONG: 0821315

OPERATOR: USGS LEASE: MIDVILLE

SECTION TOWN- RANGE

SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
1562

STATE GEOLOGICAL SURVEY WELL NUMBER: 3444

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+268	24
MIocene	+244	28
OLIGOCENE	+216	34
LATE EOCENE	+182	244
MIDDLE EOCENE	-62	160
EARLY EOCENE	-222	46
PALEOCENE	-268	138
CRETACEOUS	-406	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+268	24
UPPER CONFINING UNIT, LS SYSTEM	+244	28
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+216	115
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	+101	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	+188	52
2		
3		

RECORD NUMBER: 1303701 COUNTY: CALHOUN LOCAL WELL NUMBER: GA-CAL2 LAT: 0313220 LONG: 0843600
OPERATOR: LEASE: #1 CITY OF MORGAN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAPMA LOG
X

STATE GEOLOGICAL SURVEY WELL NUMBER: 331

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+245	24
MIocene		
OLIGOCENE		
LATE EOCENE	+221	10
MIDDLE EOCENE	+211	215
EARLY EOCENE	-4	111
PALEOCENE	-115	297
CRETACEOUS	-412	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+245	24
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+221	10
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1303901 COUNTY: CAMDEN LOCAL WELL NUMBER: GA-CAM1 LAT: 0310241 LONG: 0815303

OPERATOR: CALIFORNIA CO LEASE: #1 JOHN A BUIE

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
4969

STATE GEOLOGICAL SURVEY WELL NUMBER: 153

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
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POST-MIOCENE

SURFICAL AQUIFER

MIOCENE	A-98	>343	UPPER CONFINING UNIT, LS SYSTEM	A-98	>343
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OLIGOCENE	-441	27	LIMESTONE AQUIFER SYSTEM:		
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LATE EOCENE	-468	302	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-441	457
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MIDDLE EOCENE	-770	868			
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EARLY EOCENE	-1638	422	SUB-REGIONAL LOW-PERM. UNIT:		
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PALEOCENE	-2060	478	I	-898	102
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CRETACEOUS	-2538		II		
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III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE	-1000	1182
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BOULDER ZONE

BASE OF SYSTEM	-2182
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LOCAL LOW-PERMEABILITY UNIT(S)

1	-1578	230
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2

3

RECORD NUMBER: 1303902 COUNTY: CAMCEN LOCAL WELL NUMBER: GA-CAM2 LAT: 0305042 LONG: 0814410
OPERATOR: PAN-AM LEASE: #1-C UNION CAMP
SECTION TOWN- RANGE CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP DATA AVAILABLE X
STATE GEOLOGICAL SURVEY WELL NUMBER: 1199

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER					
UPPER CONFINING UNIT, LS SYSTEM					
LIMESTONE AQUIFER SYSTEM:					
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)					
SUB-REGIONAL LCW-PERM. UNIT:					
I					
II					
III					
IV					
V					
VI					
VII					
VIII					
LOWER MAJOR PERMEABLE ZONE A-1471 >956					
BOULDER ZONE					
BASE OF SYSTEM -2427					
LOCAL LCW-PERMEABILITY UNIT(S)					
			1	A-1471	>357
			2	-2034	85
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1303903 COUNTY: CAMDEN LOCAL WELL NUMBER: GA-CAM3 LAT: 0305045 LONG: 0815130
OPERATOR: PAN-AM LEASE: #1-9 UNION CAMP
SECTION TOWN-RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 28
ELEVATION OF GROUND LEVEL (FT.) 15
DEPTH OF WELL (FT.) 469

STATE GEOLOGICAL SURVEY WELL NUMBER: 1198

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-1474 >94
-1568 539
-2107 559
-2666

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LCM-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE A-1474 >1014

BOULDER ZONE

BASE OF SYSTEM -2488

LOCAL LOW-PERMEABILITY UNIT(S)

1

A-1474

>382

2

-1987

130

3

RECORD NUMBER: 1303904 COUNTY: CAMDEN LOCAL WELL NUMBER: GA-CAM4 LAT: 0310419 LONG: 0814405
 OPERATOR: HUMBLE LEASE: #1 J.F. ATKINSON
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 STATE GEOLOGICAL SURVEY WELL NUMBER: 3247

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+18	55
MIOCENE	-37	435
OLIGOCENE	-472	35
LATE EOCENE	-507	300
MIDDLE EOCENE	-807	>5
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+18	55
UPPER CONFINING UNIT, LS SYSTEM	-37	435
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-472	>340

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1303905 COUNTY: CAMDEN LOCAL WELL NUMBER: GA-CAMS LAT: 0310551 LONG: 0813525
OPERATOR: HUMBLE LEASE: #95 UNION-CAMP
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
28 1020

STATE GEOLOGICAL SURVEY WELL NUMBER: 3331

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+28	35
MIocene	-7	592
OLIGOCENE		
LATE EOCENE	-599	381
MIDDLE EOCENE	-980	>12
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+28	35
UPPER CONFINING UNIT, LS SYSTEM	-7	592
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-599	>393
SUB-REGIONAL LOW-PERM. UNIT:		

- I
- II
- III
- IV
- V
- VI
- VII
- VIII
- LOWER MAJOR PERMEABLE ZONE
- BOULDER ZONE
- BASE OF SYSTEM
- LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1303906 COUNTY: CAMDEN LOCAL WELL NUMBER: GA-CAM6 LAT: 0305625 LONG: 0814843
OPERATOR: LEASE: JOHN VAN
SECTION TOWN-RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CORE X
DEPTH OF WELL (FT.) 630
ELEVATION OF DERRICK FLOOR (FT.) 17
ELEVATION OF GROUND LEVEL (FT.) 17

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+17	50	SURFICAL AQUIFER	+17	50
MIOCENE	-33	358	UPPER CONFINING UNIT, LS SYSTEM	-33	358
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-391	>222	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-391	>222
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1303907 COUNTY: CAMDEN LOCAL WELL NUMBER: GA-CAM7 LAT: 0305804 LONG: 0814413
OPERATOR: LEASE: HENRY WILLIAMS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
9 783

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+9	64
MIocene	-55	313
OLIGOCENE		
LATE EOCENE	-368	387
MIDDLE EOCENE	-755	>19
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+9	64
UPPER CONFINING UNIT, LS SYSTEM	-55	313
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-368	>406
SUB-REGIONAL LOW-PERM. UNIT:		

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1303908 COUNTY: CAMDEN LOCAL WELL NUMBER: GA-CAM8 LAT: 0305613 LONG: 0813029
OPERATOR: LEASE: THIKON, WELL 3
SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL (FT.)
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X 14 796

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+14	90	SURFICAL AQUIFER	+14	90
MIOCENE	-76	422	UPPER CONFINING UNIT, LS SYSTEM	-76	422
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-498	>284	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-498	>284
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1303909 COUNTY: CAMDEN LOCAL WELL NUMBER: GA-CAM9 LAT: 0305630 LONG : 0812444

OPERATOR: LEASE: BOTSFORD

SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP DATA AVAILABLE X

ELEVATION OF DERRICK FLOOR (FT.) 10
ELEVATION OF GROUND LEVEL (FT.) 10
DEPTH OF WELL (FT.) 743

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+10	64
MIocene	-54	476
OLIGOCENE		
LATE EOCENE	-530	>203
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+10	64
UPPER CONFINING UNIT, LS SYSTEM	-54	476
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-530	>203
SUB-REGIONAL LOW-PERM. UNIT:		

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1303910 COUNTY: CAMCEN LOCAL WELL NUMBER: GACAM10 LAT: 0304821 LONG: 0815103
 OPERATOR: LEASE: MRS OSCAR SILCOX
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 14
 ELEVATION OF GROUND LEVEL (FT.) 14
 DEPTH OF WELL (FT.) 433

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+14	56	SURFICIAL AQUIFER	+14	56
MIocene	-42	356	UPPER CONFINING UNIT, LS SYSTEM	-42	356
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-398	>21	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-398	>21
MIDDLE EOCENE			SUB-REGIONAL LGW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: 1303911 COUNTY: CAMDEN LOCAL WELL NUMBER: GACAM11 LAT: 0304804 LONG : 0814054
OPERATOR: LEASE: EDMOND GROSS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
26 26 516

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+26	83	SURFICAL AQUIFER	+26	83
MIocene	-57	383	UPPER CONFINING UNIT, LS SYSTEM	-57	383
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-440	>50	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-440	>50
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: 1303912 COUNTY: CAMCEN LOCAL WELL NUMBER: GACAM12 LAT: 0304408 LONG: 0813234

OPERATOR: LEASE: ST MARYS KRAFT

SECTION TOWN-SHIP RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)

CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X 11 1299

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+11	102	SURFICAL AQUIFER	+11	102
MIOCENE	-91	402	UPPER CONFINING UNIT, LS SYSTEM	-91	402
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-493	406	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-493	>795
MIDDLE EOCENE	-899	>389			
EARLY EOCENE			SUB-REGIONAL LCW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1303913 COUNTY: CAMDEN LOCAL WELL NUMBER: GACAM13 LAT: 0304756 LONG: 0813110
OPERATOR: U.S. NAVY LEASE: TEST WELL #1
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+10	86
MIOCENE	-76	470
OLIGOCENE		
LATE EOCENE	-546	364
MIDDLE EOCENE	-910	>384
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+10	86
UPPER CONFINING UNIT, LS SYSTEM	-76	470
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-546	>748
SUB-REGIONAL LOW-PERM. UNIT:		

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1304901 COUNTY: CHARLTON LOCAL WELL NUMBER: GA-CHN1 LAT: 0304728 LONG: 0815925
OPERATOR: SOUTH PENN LEASE: #1 G.C. MIZELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X 36 25 4578

STATE GEOLOGICAL SURVEY WELL NUMBER: 876

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+25	70	SURFICAL AQUIFER	+25	70
MIocene	-45	340	UPPER CONFINING UNIT, LS SYSTEM	-45	340
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-385	370	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-385	
MIDDLE EOCENE	-755	559			
EARLY EOCENE	-1354	670	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-2024	690	I		
CRETACEOUS	-2714		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	A-1233	>1146
			BOULDER ZONE		
			BASE OF SYSTEM	-2379	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	-1354	186
			2	-1867	157
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1305101 COUNTY: CHATHAM LOCAL WELL NUMBER: GA-CH-1 LAT: 0320824 LONG: 0811940
OPERATOR: LEASE: BLOCHINGDALE NURSERY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 42
ELEVATION OF GROUND LEVEL (FT.) 42
DEPTH OF WELL (FT.) 308

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+42	43
MIocene	-1	229
OLIGOCENE	-230	>36
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+42	43
UPPER CONFINING UNIT, LS SYSTEM	-1	229
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-230	>36
SUB-REGIONAL LCH-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1305102 COUNTY: CHATHAM LOCAL WELL NUMBER: GA-CH-2 LAT: 0320759 LONG: 0811103
 OPERATOR: LEASE: #1 PORT WENTWORTH
 SECTION TOWN-RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.)
 ELEVATION OF GROUND LEVEL (FT.)
 DEPTH OF WELL (FT.)
 970

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

POST-MIOCENE +40 28
 MIOCENE +12 242
 OLIGOCENE -230 38
 LATE EOCENE -268 300
 MIDDLE EOCENE -568 >362
 EARLY EOCENE
 PALEOCENE
 CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

SURFICAL AQUIFER +40 28
 UPPER CONFINING UNIT, LS SYSTEM +12 242
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE -230 480
 (TOP OF SYSTEM)
 SUB-REGIONAL LCM-PERM. UNIT:
 I -710 94
 II
 III
 IV
 V
 VI
 VII
 VIII
 LOWER MAJOR PERMEABLE ZONE -806 42
 BOULDER ZONE
 BASE OF SYSTEM -848
 LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1305103 COUNTY: CHATHAM LOCAL WELL NUMBER: GA-CH-3 LAT: 0320558 LONG: 0810747

OPERATOR:

LEASE: #4 UNION-CAMP

ELEVATION OF DERRICK FLOOR (FT.) 21
ELEVATION OF GROUND LEVEL (FT.) 1012
DEPTH OF WELL (FT.) 1012

SECTION TOWN-SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X

DATA AVAILABLE

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+21	56	SURFICAL AQUIFER	+21	56
MIocene	-35	172	UPPER CONFINING UNIT, LS SYSTEM	-35	172
OLIGOCENE	-207	20	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-227	310	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-207	540
MIDDLE EOCENE	-537	>454	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I	-747	108
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-855	22
			BOULDER ZONE		
			BASE OF SYSTEM	-877	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1305104 COUNTY: CHATHAM LOCAL WELL NUMBER: GA-CH-4 LAT: 0320459 LONG: 0810104
OPERATOR: GRAY LEASE: #2 AMERICAN CYANAMID
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 15
ELEVATION OF GROUND LEVEL (FT.) 15
DEPTH OF WELL (FT.) 647

STATE GEOLOGICAL SURVEY WELL NUMBER: 386

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIocene	A-205	>6	UPPER CONFINING UNIT, LS SYSTEM	A-205	>6
OLIGOCENE	-211	58	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-269	256	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-211	>421
MIDDLE EOCENE	-525	>107	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1305105 COUNTY: CHATHAM LOCAL WELL NUMBER: GA-CH-5 LAT: 0320202 LONG: 0811130
OPERATOR: LEASE: PLANTATION INN MOTEL
SECTION TOWN-RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
30
371

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE +30 56
MIOCENE -26 214
OLIGOCENE -240 62
LATE EOCENE -302 >39
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

SURFICAL AQUIFER +30 56
UPPER CONFINING UNIT, LS SYSTEM -26 214
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -240 >101

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1305106 COUNTY: CHATHAM LOCAL WELL NUMBER: GA-CH-6 LAT: 0315922 LONG: 0810845

OPERATOR: LEASE: WILSHIRE ESTATES

SECTION TOWN-SHIP RANGE DATA AVAILABLE
 CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X X
 ELEVATION OF DERRICK FLOOR (FT.) 18
 ELEVATION OF GROUND LEVEL (FT.) 18
 DEPTH OF WELL (FT.) 408

STATE GEOLOGICAL SURVEY WELL NUMBER: 656

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

POST-MIOCENE +18 64
 MIOCENE -46 196
 OLIGOCENE -242 68
 LATE EOCENE -310 >80
 MIDDLE EOCENE
 EARLY EOCENE
 PALEOCENE
 CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

SURFICAL AQUIFER +18 64
 UPPER CONFINING UNIT, LS SYSTEM -46 196
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE -242 >148
 (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE

BOULOER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1305107 COUNTY: CHATHAM LOCAL WELL NUMBER: GA-CH-7 LAT: 0315947 LONG: 0805937
OPERATOR: LEASE: #2 WILMINGTON PARK
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 11
ELEVATION OF GROUND LEVEL (FT.) 11
DEPTH OF WELL (FT.) 427

STATE GEOLOGICAL SURVEY WELL NUMBER: 563

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------	------	--------------------------------------	-----------------

POST-MIOCENE	+11	62	SURFICAL AQUIFER	+11	62
MIOCENE	-51	116	UPPER CONFINING UNIT, LS SYSTEM	-51	116
OLIGOCENE	-167	70	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-237	>176	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-167	>249

SUB-REGIONAL LCW-PERM. UNIT:

I	
II	
III	
IV	
V	
VI	
VII	
VIII	

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

LAT: 0320151 LONG : 0805404

ELEVATION OF ELEVATION OF DEPTH

GROUND LEVEL (FT.)	WELL (FT.)
8	1408

381

1 2 3)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1305109 COUNTY: CHATHAM LOCAL WELL NUMBER: GA-CH-9 LAT: 0315557 LONG: 0810513

OPERATOR: LEASE: JACK HARMON

SECTION TOWN-SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
8
382

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +8 86
MIOCENE -78 164
OLIGOCENE -242 96
LATE EOCENE -338 >36
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER +8 86
UPPER CONFINING UNIT, LS SYSTEM -78 164
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -242 >132

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1306501 COUNTY: CLINCH LOCAL WELL NUMBER: GA-CL11 LAT: 0310905 LONG: 0825150
 OPERATOR: BALLARD LEASE: #B-1 TIMBER PRODUCTS
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 496

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIocene	A-36	>73	UPPER CONFINING UNIT, LS SYSTEM	A-36	>73
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-109	286	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-109	1236
MIDDLE EOCENE	-395	940			
EARLY EOCENE	-1335	440	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-1775	400	I		
CRETACEOUS	-2175		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	-1345	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: 1306502 COUNTY: CLINCH LOCAL WELL NUMBER: GA-CL12 LAT: 0304700 LONG: 0822627

OPERATOR: GRACE LEASE: #1 LEM GRIFFIS

SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP X

ELEVATION OF DERRICK FLOOR (FT.) 120
ELEVATION OF GROUND LEVEL (FT.) 110
DEPTH OF WELL (FT.) 4588

STATE GEOLOGICAL SURVEY WELL NUMBER: 338

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+110	21	SURFICIAL AQUIFER	+110	21
MIocene	+89	309	UPPER CONFINING UNIT, LS SYSTEM	+89	309
OLIGOCENE	-220	30	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-250	>154	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-220	1765
MIDDLE EOCENE			SUB-REGIONAL LCM-PERM. UNIT:		
EARLY EOCENE	-1506	>574	I		
PALEOCENE	-2080	540	II		
CRETACEOUS	-2620		III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	-1530	175
2		
3		

RECORD NUMBER: 1306503 COUNTY: CLINCH LOCAL WELL NUMBER: GA-CLI3 LAT: 0305120 LONG: 0824317
OPERATOR: HUNT LEASE: #1 ALICE MUSGROVE
SECTION TOWN- DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X
STATE GEOLOGICAL SURVEY WELL NUMBER: 481

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+139	25	SURFICAL AQUIFER	+139	25
MIOCENE	+114	309	UPPER CONFINING UNIT, LS SYSTEM	+114	309
OLIGOCENE	-195	123	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-318	297	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-195	1459
MIDDLE EOCENE	-615	832	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1447	704	I		
PALEOCENE	-2151	520	II		
CRETACEOUS	-2671		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	-1654	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1306504 COUNTY: CLINCH LOCAL WELL NUMBER: GA-CL14 LAT: 0305838 LONG: 0824230
OPERATOR: HUNT LEASE: #2 ALICE MUSGROVE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X
ELEVATION OF DERRICK FLOOR (FT.) 172
ELEVATION OF GROUND LEVEL (FT.) 162
DEPTH OF WELL (FT.) 3410

STATE GEOLOGICAL SURVEY WELL NUMBER: 167

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+162	25
MIOCENE	+137	370
OLIGOCENE	-233	100
LATE EOCENE	-333	285
MIDDLE EOCENE	-618	820
EARLY EOCENE	-1438	642
PALEOCENE	-208C	683
CRETACEOUS	-2763	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+162	119
UPPER CONFINING UNIT, LS SYSTEM	+43	276
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-233	910
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-1143	111
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1254	314
BOULDER ZONE		
BASE OF SYSTEM	-1568	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

STATE GEOLOGICAL SURVEY WELL NUMBER: 144

HYDROLOGIC UNITS

488

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1306506 COUNTY: CLINCH LOCAL WELL NUMBER: GA-CLI6 LAT: 0310110 LONG: 0824806

OPERATOR: VA SUPPLY LEASE: STANDARD CONTAINER CO

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
182
182
570

STATE GEOLOGICAL SURVEY WELL NUMBER: 1014

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+182	10	SURFICAL AQUIFER	+182	10
MIOCENE	+172	348	UPPER CONFINING UNIT, LS SYSTEM	+172	348
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-176	>212	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-176	>212
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-3
BASIC WELL DATA

RECORD NUMBER: 1306902 COUNTY: COFFEE LOCAL WELL NUMBER: GA-COF3 LAT: 0314110 LONG: 0825320
OPERATOR: CARPENTER LEASE: #1 J.M. KNIGHT
SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK ELEVATION OF GROUND DEPTH
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG FLOOR LEVEL WELL
X 270 (FT.) (FT.) (FT.)
4151

STATE GEOLOGICAL SURVEY WELL NUMBER: 508

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIOCENE A+204 >377

OLIGOCENE -173 155

LATE EOCENE -328 247

MIDDLE EOCENE -575 380

EARLY EOCENE -955 170

PALEOCENE -1125 315

CRETACEOUS -1440

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER +270 150

UPPER CONFINING UNIT, LS SYSTEM +120 293

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -173 782

SUB-REGIONAL LGW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -955

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECCO NUMBER: 1306903 COUNTY: COFFEE LOCAL WELL NUMBER: GA-COF6 LAT: 0314540 LONG: 0825616
 OPERATOR: CARPENTER LEASE: #1-A MRS. NINA MCLEAN
 SECTION TOWN-RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 STATE GEOLOGICAL SURVEY WELL NUMBER: 445

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIOCENE	+193	290
OLIGOCENE	-97	110
LATE EOCENE	-207	175
MIDDLE EOCENE	-382	595
EARLY EOCENE	-807	150
PALEOCENE	-957	340
CRETACEOUS	-1297	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+193	140
UPPER CONFINING UNIT, LS SYSTEM	+53	150
LINESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-97	510
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-607	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1306904. COUNTY: COFFEE LOCAL WELL NUMBER: GA-COF7 LAT: 0314222 LONG: 0825100

OPERATOR: CARPENTER LEASE: #1 C.O. BYRD

SECTION TOWN- RANGE DATA AVAILABLE

SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 30C
ELEVATION OF GROUND LEVEL (FT.) 30C
DEPTH OF WELL (FT.) 1605

STATE GEOLOGICAL SURVEY WELL NUMBER: 448

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+300	53
MIOCENE	+247	422
OLIGOCENE	-175	135
LATE EOCENE	-310	220
MIDDLE EOCENE	-530	430
EARLY EOCENE	-960	152
PALEOCENE	-1112	>193
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+300	270
UPPER CONFINING UNIT, LS SYSTEM	+30	2C5
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-175	>85
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -960

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1306905 COUNTY: COFFEE LOCAL WELL NUMBER: GA-COFFEE LAT: 0312705 LONG: 083C806
OPERATOR: CHEVRON LEASE: #1 CVEDA FUSSELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 3127

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE					
SURFICAL AQUIFER					
MIocene	A-69	>50	UPPER CONFINING UNIT, LS SYSTEM	A-69	>50
OLIGOCENE	-119	96	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-215	230	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-119	886
MIDDLE EOCENE	-445	560	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1005	193	I		
PALEOCENE	-1198	392	II		
CRETACEOUS	-1590		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	-1005	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1306906 COUNTY: COFFEE LOCAL WELL NUMBER: GA-COF9 LAT: 0313127 LONG: 0825120
OPERATOR: GREY LEASE: #3 CITY OF DOUGLAS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 3041

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+245	45
MIOCENE	+200	355
OLIGOCENE	-155	78
LATE EOCENE	-233	>172
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+245	45
UPPER CONFINING UNIT, LS SYSTEM	+200	355
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-155	>250

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1306907 COUNTY: COFFEE LOCAL WELL NUMBER: GACOF10 LAT: 0313057 LONG: 0823806
 OPERATOR: GRAY LEASE: #1 CITY OF NICHOLLS
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 195
 ELEVATION OF GROUND LEVEL (FT.) 195
 DEPTH OF WELL (FT.) 586

STATE GEOLOGICAL SURVEY WELL NUMBER: 434

GEOLOGIC UNITS

ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

POST-MIOCENE +195 56
 MIOCENE +139 389
 OLIGOCENE -250 83
 LATE EOCENE -333 >58
 MIDDLE EOCENE
 EARLY EOCENE
 PALEOCENE
 CRETACEOUS

HYDROLOGIC UNITS

ELEVATION OF TOP THICKNESS
 OF UNIT (FT.) (FT.)
 (MSL)

SURFICAL AQUIFER +195 56
 UPPER CONFINING UNIT, LS SYSTEM +139 389
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE -250 >141
 (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE
 BOULDER ZONE
 BASE OF SYSTEM
 LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1307101 COUNTY: COLQUITT LOCAL WELL NUMBER: GA-COQ1 LAT: 0311107 LONG: 0835400
OPERATOR: R.T. ADAMS LEASE: #1 D. G. ARRINGTON
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 270
ELEVATION OF GROUND LEVEL (FT.) 260
DEPTH OF WELL (FT.) 4904

STATE GEOLOGICAL SURVEY WELL NUMBER: 170

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

POST-MIOCENE

MIocene A+195 >385
OLIGOCENE -190 63
LATE EOCENE -253 167
MIDDLE EOCENE -420 510
EARLY EOCENE -930 93
PALEOCENE -1023 387
CRETACEOUS -1410

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+195 >385
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -190 230

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -420

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

RECORD NUMBER: 1307102 COUNTY: COLQUITT LOCAL WELL NUMBER: GA-CQ02 LAT: 0311543 LONG: 0834022
OPERATOR: RCWE LEASE: NORMAN PARK
SECTION TOWN-SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
DATA AVAILABLE X
DEPTH OF WELL (FT.) 1213
ELEVATION OF DERRICK FLOOR (FT.) 331
ELEVATION OF GROUND LEVEL (FT.) 331

STATE GEOLOGICAL SURVEY WELL NUMBER: 3195

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
UNIT (MSL) ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +331 162 SURFICAL AQUIFER +331 162
MIOCENE +169 310 UPPER CONFINING UNIT, LS SYSTEM +169 310
OLIGOCENE -141 4C LIMESTONE AQUIFER SYSTEM:
LATE EOCENE -181 270 UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -141 310
MIDDLE EOCENE -451 414
EARLY EOCENE -865 >12
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS
UNIT
SUB-REGIONAL LCW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM -451
LOCAL LCW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1307103 COUNTY: COLQUITT LOCAL WELL NUMBER: GA-CQ03 LAT: 0310244 LONG: 0834611
OPERATOR: U S GYPSUM LEASE: CORE HOLE 76-06
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
238 238 836

STATE GEOLOGICAL SURVEY WELL NUMBER: 3214

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+238	12
MIOCENE	+226	164
OLIGOCENE	+62	92
LATE EOCENE	-30	552
MIDDLE EOCENE	-582	>16
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+238	12
UPPER CONFINING UNIT, LS SYSTEM	+226	164
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+62	538
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-476	81
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-557	25
BOULDER ZONE		
BASE OF SYSTEM	-582	
LOCAL LOW-PERMEABILITY UNIT(S)		
1	-254	118
2		
3		

RECORD NUMBER: 1307104 COUNTY: COLQUITT LOCAL WELL NUMBER: GA-COQ4 LAT: 0311733 LONG: 0834324
OPERATOR: STATE OF GA LEASE: NEAR NORMAN PARK ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
SECTION TOWN- RANGE DATA AVAILABLE ELECTRIC LOG GAMMA LOG 370 370 705
SHIP CUTTINGS CORE PALEONTOLOGY X

STATE GEOLOGICAL SURVEY WELL NUMBER: 3179

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

POST-MIOCENE	+370	125
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MIocene	+245	>580
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OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

SURFICAL AQUIFER	+370	297
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UPPER CONFINING UNIT, LS SYSTEM	+73	>408
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LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

RECORD NUMBER: 1307105	COUNTY: COLQUITT	LOCAL WELL NUMBER: GA-CQ05	LAT: 0310407	LONG : 0835741
OPERATOR: TYSON-DEAN	LEASE: RALPH LINDSEY		ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)
SECTION TOWN-SHIP		DATA AVAILABLE		DEPTH OF WELL (FT.)
	CUTTINGS CCRE PALEONTOLOGY	ELECTRIC LOG		
	X	X		303
				372

STATE GEOLOGICAL SURVEY WELL NUMBER: 1973

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+303	63	SURFICAL AQUIFER	+303	63
MIOCENE	+240	177	UPPER CONFINING UNIT, LS SYSTEM	+240	177
OLIGOCENE	+63	>132	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+63	>132
MIDDLE EOCENE					
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1 2 3

HYDROLOGIC UNITS

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+333	107	SURFICAL AQUIFER	+333	311
MIOCENE	+226	641	UPPER CONFINING UNIT, LS SYSTEM	+21	436
OLIGOCENE	-415	>269	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-415	>269
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1307107 COUNTY: COLQUITT LOCAL WELL NUMBER: GA-CQ07 LAT: 0310930 LONG: 0834957
OPERATOR: ROWE LEASE: LARRY FUNDERBURKE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1968

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+320	42
MIocene	+278	365
OLIGOCENE	-87	169
LATE EOCENE	-256	>217
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+320	116
UPPER CONFINING UNIT, LS SYSTEM	+204	291
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-87	169

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1307108 COUNTY: COLQUITT LOCAL WELL NUMBER: GA-C008 LAT: 0311303 LONG: 0834445

OPERATOR: LEASE: BRIDGEPORT BRASS CO

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1260

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE +305 140
MIOCENE +165 360
OLIGOCENE -195 40
LATE EOCENE -235 >39
MIDDLE EOCENE

EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER +305 140
UPPER CONFINING UNIT, LS SYSTEM +165 360
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -195 >79
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1307109 COUNTY: COLQUITT LOCAL WELL NUMBER: GA-CQ9 LAT: 0311313 LONG: 0835936
OPERATOR: TYSON-DEAN LEASE: AL EGGIE
SECTION TOWN-RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1242

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +281 56
MIOCENE +229 216
OLIGOCENE +13 34
LATE EOCENE -21 >122
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +281 56
UPPER CONFINING UNIT, LS SYSTEM +229 216
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE +13 >156
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1307110 COUNTY: COLQUITT LOCAL WELL NUMBER: GACQ010 LAT: 0311356 LONG: 0834942
 OPERATOR: LEASE: JAMES KIRK II
 SECTION TOWN-SHIP RANGE DATA AVAILABLE
 CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
 ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
 306 306 790

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+306	107	SURFICAL AQUIFER	+306	107
MIOCENE	+199	289	UPPER CONFINING UNIT, LS SYSTEM	+199	289
OLIGOCENE	-90	46	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-136	167	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-90	213
MIDDLE EOCENE	-303	>181			

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

- LOWER MAJOR PERMEABLE ZONE
- BOULDER ZONE
- BASE OF SYSTEM
- LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

-303

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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RECORD NUMBER: 1307111 COUNTY: COLCUITT LOCAL WELL NUMBER: GAC0011 LAT: 0310623 LONG: 0834414
OPERATOR: U S GYPSUM LEASE: CORE MCLE 76-7
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
ELEVATION OF DERRICK FLOOR (FT.) 270
ELEVATION OF GROUND LEVEL (FT.) 270
DEPTH OF WELL (FT.) 770

STATE GEOLOGICAL SURVEY WELL NUMBER: 3213

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+270	32
MIOCENE	+238	190
OLIGOCENE	+48	91
LATE EOCENE	-43	>457
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+270	32
UPPER CONFINING UNIT, LS SYSTEM	+238	190
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+48	444
SUB-REGIONAL LOW-PERM. UNIT:		

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -424 >33

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

-304 62

RECORD NUMBER: 1307112 COUNTY: COLQUITT LOCAL WELL NUMBER: GACQ12 LAT: Q310824 LONG: 0833948
 OPERATOR: U S GYPSUM LEASE: CORE HOLE 76-5
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 245
 ELEVATION OF GROUND LEVEL (FT.) 245
 DEPTH OF WELL (FT.) 868

STATE GEOLOGICAL SURVEY WELL NUMBER: 3196

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+245	14
MIocene	+231	166
OLIGOCENE	+65	126
LATE EOCENE	-61	508
MIDDLE EOCENE	-569	>54
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

SURFICAL AQUIFER

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
UPPER CONFINING UNIT, LS SYSTEM	+231	166

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+65	562
--	-----	-----

SUB-REGIONAL LCW-PERM. UNIT:

I		
II		
III	-497	>126
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LCW-PERMEABILITY UNIT(S)

1	-375	8C
2		
3		

RECORD NUMBER: 1307501 COUNTY: COOK LOCAL WELL NUMBER: GA-COK1 LAT: 0310240 LONG: 0832340
OPERATOR: EVERETTS LEASE: CITY OF CECIL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 1423

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+244	50
MIOCENE	+194	202
OLIGOCENE	-8	>55
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+244	50
UPPER CONFINING UNIT, LS SYSTEM	+194	202
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-8	>55
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECCD NUMBER: 1307502 COUNTY: COOK LOCAL WELL NUMBER: GA-COK2 LAT: 0310810 LONG: 0832607
 OPERATOR: USGS LEASE: CITY OF AOEL
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 CUTTINGS CORE X
 DEPTH OF WELL (FT.) 841
 ELEVATION OF DERRICK FLOOR (FT.) 240
 ELEVATION OF GROUND LEVEL (FT.) 240

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+240	35
MIocene	+205	190
OLIGOCENE	+15	195
LATE EOCENE	-180	292
MIDDLE EOCENE	-472	>129
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+240	35
UPPER CONFINING UNIT, LS SYSTEM	+205	190
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+15	301
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-286	78
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE	-364	>237
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1307503 COUNTY: COOK LOCAL WELL NUMBER: GA-COK3 LAT: 0311011 LONG: 0832601
OPERATOR: LEASE: CITY OF SPARKS
SECTION TOWN-RANGE DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
237
237
354

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE +237 16
MIOCENE +221 169
OLIGOCENE +52 >169
LATE EOCENE
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

SURFICAL AQUIFER +237 16
UPPER CONFINING UNIT, LS SYSTEM +221 169
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE +52 >169
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1307504 COUNTY: COOK LOCAL WELL NUMBER: GA-COK4 LAT: 0311415 LONG: 0832800
OPERATOR: LEASE: LENOX OBS WELL
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X
DEPTH OF WELL (FT.) 382
ELEVATION OF DERRICK FLOOR (FT.) 274
ELEVATION OF GROUND LEVEL (FT.) 274

STATE GEOLOGICAL SURVEY WELL NUMBER: 1638

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+274	42	SURFICAL AQUIFER	+274	42
MIOCENE	+232	254	UPPER CONFINING UNIT, LS SYSTEM	+232	254
OLIGOCENE	-22	>84	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-22	>84

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII
- LOWER MAJOR PERMEABLE ZONE
- BOULDER ZONE
- BASE OF SYSTEM
- LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1308101 COUNTY: CRISP LOCAL WELL NUMBER: GA-CRP1 LAT: 0314936 LONG: 0834612
OPERATOR: KERR-MCGEE LEASE: #1 CECIL PATE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CCRE X 364 5008

STATE GEOLOGICAL SURVEY WELL NUMBER: 108

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+364	40	SURFICAL AQUIFER	+364	40
MIOCENE	+324	104	UPPER CONFINING UNIT, LS SYSTEM	+324	104
OLIGOCENE	+222	>28	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+222	>28
MIDDLE EOCENE	A+11	>317	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-306	95	I		
PALEOCENE	-401	160	II		
CRETACEOUS	-561		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1308102 COUNTY: CRISP LOCAL WELL NUMBER: GA-CRP2 LAT: 0315738 LONG: 0834628
OPERATOR: LAYNE LEASE: #4 CITY OF CORDELE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 316
ELEVATION OF GROUND LEVEL (FT.) 316
DEPTH OF WELL (FT.) 680

STATE GEOLOGICAL SURVEY WELL NUMBER: 390

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------	------	--------------------------------------	-----------------

POST-MIOCENE	+316	35	SURFICAL AQUIFER	+316	35
--------------	------	----	------------------	------	----

MIocene

UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

MIDDLE EOCENE

SUB-REGIONAL LOW-PERM. UNIT:

EARLY EOCENE

PALEOCENE

-199

I

CRETACEOUS

-290

>74

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

+76

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1308701 COUNTY: DECATUR LOCAL WELL NUMBER: GA-DE-1 LAT: 0305927 LONG: 0842933
OPERATOR: RENWAR LEASE: #1 G.E. DOLLAR
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 130
ELEVATION OF GROUND LEVEL (FT.) 124
DEPTH OF WELL (FT.) 4990

STATE GEOLOGICAL SURVEY WELL NUMBER: 540

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-375	>388
EARLY EOCENE	-763	392
PALEOCENE	-1155	390
CRETACEOUS	-1545	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

MIocene

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-375 >270

SUB-REGIONAL LGW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -645

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)

RECORD NUMBER: 1308702 COUNTY: DECATUR LEASE: #1 METCALF LOCAL WELL NUMBER: GA-DE-2 LAT: 0304840 LONG: 0843913

OPERATOR: HUNT	SECTION	TOWN- SHIP	RANGE	CUTTINGS	CORE	PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG	ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
				X		DATA AVAILABLE			105	95	6152
				X							
STATE GEOLOGICAL SURVEY WELL NUMBER: 168											

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
		(MSL)

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	100.0	10.0
2	90.0	10.0
3	80.0	10.0
4	70.0	10.0
5	60.0	10.0
6	50.0	10.0
7	40.0	10.0
8	30.0	10.0
9	20.0	10.0
10	10.0	10.0

POST-MIOCENE

MICCENE

OLIGOCENE

LATE Eocene

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

2347

-380-

-1098

-1415

-1953

718

317

835

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP CF SYSTEM)

(TOP CF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

1

11

iii

A

3

1

11

III

LOWER MAJOR PERMEABLE ZONE

BOLL DER ZONE

SPACE OF SYSTEM

LOCAL ION-EXCHANGEABILITY UNITS(S)

630

5

2

2

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1308703 COUNTY: DECATUR LOCAL WELL NUMBER: GA-DE-4 LAT: 0304229 LONG: 0842317
OPERATOR: CALVARY DEV LEASE: #1 J.W. SCOTT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 278
ELEVATION OF GROUND LEVEL (FT.) 270
DEPTH OF WELL (FT.) 4195

STATE GEOLOGICAL SURVEY WELL NUMBER: 206

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+270	45
MIOCENE	+225	115
OLIGOCENE	+110	320
LATE EOCENE	-210	287
MIDDLE EOCENE	-497	664
EARLY EOCENE	-1161	452
PALEOCENE	-1613	573
CRETACEOUS	-2186	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+270	45
UPPER CONFINING UNIT, LS SYSTEM	+225	115
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP CF SYSTEM)	+110	515
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-405	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

LAT: 0304547 LONG : 0843212

LEASE: LUTHER SWICORD

CUTTINGS	DATA AVAILABLE	CORE	PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG
				X	X

STATE GEOLOGICAL SURVEY WELL NUMBER:

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
1	100.0	1.0
2	99.0	1.0
3	98.0	1.0
4	97.0	1.0
5	96.0	1.0
6	95.0	1.0
7	94.0	1.0
8	93.0	1.0
9	92.0	1.0
10	91.0	1.0
11	90.0	1.0
12	89.0	1.0
13	88.0	1.0
14	87.0	1.0
15	86.0	1.0
16	85.0	1.0
17	84.0	1.0
18	83.0	1.0
19	82.0	1.0
20	81.0	1.0
21	80.0	1.0
22	79.0	1.0
23	78.0	1.0
24	77.0	1.0
25	76.0	1.0
26	75.0	1.0
27	74.0	1.0
28	73.0	1.0
29	72.0	1.0
30	71.0	1.0
31	70.0	1.0
32	69.0	1.0
33	68.0	1.0
34	67.0	1.0
35	66.0	1.0
36	65.0	1.0
37	64.0	1.0
38	63.0	1.0
39	62.0	1.0
40	61.0	1.0
41	60.0	1.0
42	59.0	1.0
43	58.0	1.0
44	57.0	1.0
45	56.0	1.0
46	55.0	1.0
47	54.0	1.0
48	53.0	1.0
49	52.0	1.0
50	51.0	1.0
51	50.0	1.0
52	49.0	1.0
53	48.0	1.0
54	47.0	1.0
55	46.0	1.0
56	45.0	1.0
57	44.0	1.0
58	43.0	1.0
59	42.0	1.0
60	41.0	1.0
61	40.0	1.0
62	39.0	1.0
63	38.0	1.0
64	37.0	1.0
65	36.0	1.0
66	35.0	1.0
67	34.0	1.0
68	33.0	1.0
69	32.0	1.0
70	31.0	1.0
71	30.0	1.0
72	29.0	1.0
73	28.0	1.0
74	27.0	1.0
75	26.0	1.0
76	25.0	1.0
77	24.0	1.0
78	23.0	1.0
79	22.0	1.0
80	21.0	1.0
81	20.0	1.0
82	19.0	1.0
83	18.0	1.0
84	17.0	1.0
85	16.0	1.0
86	15.0	1.0
87	14.0	1.0
88	13.0	1.0
89	12.0	1.0
90	11.0	1.0
91	10.0	1.0
92	9.0	1.0
93	8.0	1.0
94	7.0	1.0
95	6.0	1.0
96	5.0	1.0
97	4.0	1.0
98	3.0	1.0
99	2.0	1.0
100	1.0	1.0

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP CF SYSTEM)

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

MY

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1308705 COUNTY: DECATUR LOCAL WELL NUMBER: GA-CE-7 LAT: 0304730 LONG: 0843320
OPERATOR: MILLS LEASE: H.B. SPOONER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X X X X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 1359

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+302	66
MIOCENE	+236	256
OLIGOCENE	-20	115
LATE EOCENE	-135	>13
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+302	66
UPPER CONFINING UNIT, LS SYSTEM	+236	256
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-20	>128

SUB-REGIONAL LCM-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1309101 COUNTY: DOQGE LOCAL WELL NUMBER: GA-COE2 LAT: 0311300 LONG: 0831300

OPERATOR: LEASE: GUY TRIPP

SECTION TOWN-
SHIP RANGEDATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X XELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
375
375
430

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE	+375	27
MIOCENE	+348	61
OLIGOCENE	+287	52
LATE EOCENE	+235	96
MIDDLE EOCENE	+139	132
EARLY EOCENE	+7	>62
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	+348	143
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+205	198

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULOER ZONE

BASE OF SYSTEM +7

LOCAL LOW-PERMEABILITY UNIT(S)

1	+139	35
2		
3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1309301 COUNTY: DOOLY LOCAL WELL NUMBER: GA-CO-2 LAT: 0321250 LONG: 0835720
OPERATOR: MERICA LEASE: #1 B.F. HILL
SECTION TOWN-SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE
SHIP X
ELEVATION OF DERRICK FLOOR (FT.) 371
ELEVATION OF GROUND LEVEL (FT.) 361
DEPTH OF WELL (FT.) 1945

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+361	65
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	+296	225
EARLY EOCENE	+71	25
PALEOCENE		
CRETACEOUS	+46	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1309501 COUNTY: COUGHERTY LOCAL WELL NUMBER: GA-DOG1 LAT: 0313408 LONG: 0841512
OPERATOR: J.R. SEALY LEASE: #1 REYNOLDS LBR CO
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE
SHIP X 209 197 4935

STATE GEOLOGICAL SURVEY WELL NUMBER: 11

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A+63	>57
MIDDLE EOCENE	+6	262
EARLY EOCENE	-256	110
PALEOCENE	-366	135
CRETACEOUS	-501	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A+63	>57
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	+6	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1309502 COUNTY: COUGHERTY LOCAL WELL NUMBER: GA-DOG2 LAT: 0312708 LONG: 0842121
 OPERATOR: J R SEALY LEASE: #2 REYNOLDS LBR CO
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 X

STATE GEOLOGICAL SURVEY WELL NUMBER: 183

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A+55	>10
MIDDLE EOCENE	+45	288
EARLY EOCENE	-243	190
PALEOCENE	-433	255
CRETACEOUS	-688	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A+55	>10
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	+45	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
192	187	5255

RECORD NUMBER: 1309503 COUNTY: DOUGHERTY LOCAL WELL NUMBER: GA-COG3 LAT: 0313615 LONG : 0842015
OPERATOR: LEASE: GA GAME & FISH CCMM
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
226 226 675

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+226	12	SURFICAL AQUIFER	+226	12
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+214	84	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+214	84
MIDDLE EOCENE	+130	252			
EARLY EOCENE	-122	152	SUB-REGIONAL LCN-PERM. UNIT:		
PALEOCENE	-274	151	I		
CRETACEOUS	+425		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	+130	
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

RECORD NUMBER: 1309504 COUNTY: COUGHERTY LOCAL WELL NUMBER: GA-D064 LAT: 0313247 LONG: 0840505
OPERATOR: LAYNE LEASE: USMC SUPPLY DEPOT #3
SECTION TOWN-RANGE DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 261

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+222	40		SURFICIAL AQUIFER	+222	20	
MIocene				UPPER CONFINING UNIT, LS SYSTEM	+202	20	
OLIGOCENE				LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	+182	207		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+182	207	
MIDDLE EOCENE	-25	365		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-390	104		I			
PALEOCENE	-494	178		II			
CRETACEOUS	-672			III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM	-25		
				LOCAL LOW-PERMEABILITY UNIT(S)			

- 1
- 2
- 3

RECORD NUMBER: 1309505 COUNTY: COUGHERTY LOCAL WELL NUMBER: GA-COG5 LAT: 0313610 LONG : 0841055

OPERATOR: LAYNE LEASE: CITY OF ALBANY #15

SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL

SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG (FT.) (FT.) (FT.)

X X X 185 975

STATE GEOLOGICAL SURVEY WELL NUMBER: 405

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+185	15	SURFICAL AQUIFER	+185	15
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+170	135	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+170	135
MIDDLE EOCENE	+35	260			
EARLY EOCENE	-225	108	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-333	185	I		
CRETACEOUS	-518		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	+35	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1309506 COUNTY: DOUGHERTY LOCAL WELL NUMBER: GA-DOG6 LAT: 0313105 LONG : 0840644
OPERATOR: CORPS ENGRS LEASE: USGS-CITY OF ALBANY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 3187

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+195	42		SURFICAL AQUIFER	+195	42	
MIOCENE				UPPER CONFINING UNIT, LS SYSTEM			
OLIGOCENE				LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	+153	189		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+153	189	
MIDDLE EOCENE	-36	355		SUB-REGIONAL LOW-PERM. UNIT:			
EARLY EOCENE	-391	120		I			
PALEOCENE	-511	206		II			
CRETACEOUS	-717			III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM	-36		
				LOCAL LOW-PERMEABILITY UNIT(S)			

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1309901 COUNTY: EARLY LOCAL WELL NUMBER: GA-EA-4 LAT: 0311540 LONG: 0850200
OPERATOR: SUN LEASE: #1 R. V. ELLIS
SECTION TOWN-RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP X X X X X
ELEVATION OF DERRICK FLOOR (FT.) 164
ELEVATION OF GROUND LEVEL (FT.) 152
DEPTH OF WELL (FT.) 3176

STATE GEOLOGICAL SURVEY WELL NUMBER: 483

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A+84 >292
-208 231
-439 502
-941

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1309902 COUNTY: EARLY LOCAL WELL NUMBER: GA-EA-5 LAT: 0310647 LONG : 0850145
 OPERATOR: SUN LEASE: #1 MRS EDITH HARVEY
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 STATE GEOLOGICAL SURVEY WELL NUMBER: 485

GEOLOGIC UNITS				HYDROLOGIC UNITS			
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)		UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	
POST-MIOCENE	+110	10		SURFICAL AQUIFER	+110	10	
MIocene				UPPER CONFINING UNIT, LS SYSTEM			
OLIGOCENE				LIMESTONE AQUIFER SYSTEM:			
LATE EOCENE	+100	61		UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+100	61	
MIDDLE EOCENE	+39	386					
EARLY EOCENE	-347	307		SUB-REGIONAL LOW-PERM. UNIT:			
PALEOCENE	-654	608		I			
CRETACEOUS	-1262			II			
				III			
				IV			
				V			
				VI			
				VII			
				VIII			
				LOWER MAJOR PERMEABLE ZONE			
				BOULDER ZONE			
				BASE OF SYSTEM	+39		
				LOCAL LOW-PERMEABILITY UNIT(S)			
				1			
				2			
				3			

RECORD NUMBER: 1309903 COUNTY: EARLY LOCAL WELL NUMBER: GA-EA-6 LAT: 0311750 LONG: 0845145

OPERATOR: LAYNE LEASE: FARMER'S GIN & WHSE

SECTION TOWN- RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
178
1125

STATE GEOLOGICAL SURVEY WELL NUMBER: 437

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

POST-MIOCENE +178 36

MIOCENE

OLIGOCENE

LATE EOCENE +142 44

MIDDLE EOCENE +98 272

EARLY EOCENE -174 192

PALEOCENE -366 452

CRETACEOUS -818

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

SURFICAL AQUIFER +178 36

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) +142 44

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM +98

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1309904 COUNTY: EARLY LOCAL WELL NUMBER: GA-EA-7 LAT: 0312355 LONG: 0844845
OPERATOR: LAYNE LEASE: ML & T PECAN GROVE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+217	32
MIocene		
OLIGOCENE		
LATE EOCENE	+185	36
MIDDLE EOCENE	+149	223
EARLY EOCENE	-74	206
PALEOCENE	-280	387
CRETACEOUS	-667	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+217	32
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+185	36
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

+149

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1310101 COUNTY: ECHOLS LOCAL WELL NUMBER: GA-EC-1 LAT: 0304059 LONG: 0825243

OPERATOR: HUNT LEASE: #1 SUPERIOR PINE PRCD

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG

ELEVATION OF DERRICK FLOOR (FT.) 191
ELEVATION OF GROUND LEVEL (FT.) 181
DEPTH OF WELL (FT.) 3853

STATE GEOLOGICAL SURVEY WELL NUMBER: 166

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A-10 >132
LATE EOCENE -142 359
MIDDLE EOCENE -501 644
EARLY EOCENE -1145 780
PALEOCENE -1925 485
CRETACEOUS -2410

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) A-10 >653

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III -663 316
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -979 1021

BOULDER ZONE

BASE OF SYSTEM 2000

LOCAL LOW-PERMEABILITY UNIT(S)

1 -1869 56
2
3

RECORD NUMBER: 1310102 COUNTY: ECHOLS LOCAL WELL NUMBER: GA-EC-2 LAT: 0304138 LONG: 0824117
OPERATOR: HUNT LEASE: #2 SUPERIOR PINE PROD
SECTION TOWN-RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X
STATE GEOLOGICAL SURVEY WELL NUMBER: 169

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIOCENE	A+60	>184
OLIGOCENE	-124	104
LATE EOCENE	-228	220
MIDDLE EOCENE	-448	714
EARLY EOCENE	-1162	652
PALEOCENE	-1814	674
CRETACEOUS	-2488	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

A+60	>98
------	-----

UPPER CONFINING UNIT, LS SYSTEM	-38	86
---------------------------------	-----	----

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-124	632
---	------	-----

SUB-REGIONAL LCM-PERM. UNIT:

I	
---	--

II	
----	--

III	
-----	--

IV	
----	--

V	
---	--

VI	
----	--

VII	
-----	--

VIII	
------	--

LOWER MAJOR PERMEABLE ZONE	-868	1039
----------------------------	------	------

BOULDER ZONE

BASE OF SYSTEM	-1907	
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LOCAL LOW-PERMEABILITY UNIT(S)

1	
---	--

-1048	4C
-------	----

2	
---	--

-1338	.56
-------	-----

3	
---	--

-1728	86
-------	----

RECORD NUMBER: 1310103 COUNTY: ECHOLS LOCAL WELL NUMBER: GA-EC-3 LAT: 0303658 LONG: 0824658

OPERATOR: MUNT LEASE: #3 SUPERIOR PINE PROD
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP X DATA AVAILABLE X
ELEVATION OF DERRICK FLOOR (FT.) 145
ELEVATION OF GROUND LEVEL (FT.) 135
DEPTH OF WELL (FT.) 4001

STATE GEOLOGICAL SURVEY WELL NUMBER: 150

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+135	60	SURFICAL AQUIFER	+135	60
MIOCENE	+75	105	UPPER CONFINING UNIT, LS SYSTEM	+75	105
OLIGOCENE	-30	140	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-170	252	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-30	741
MIDDLE EOCENE	-422	750	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1172	688	I		
PALEOCENE	-1860	555	II		
CRETACEOUS	-2415		III	-771	129
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-900	1015
			BOULDER ZONE		
			BASE OF SYSTEM	-1915	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	-1425	163
			2	-1785	50
			3		

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RECORD NUMBER: 1310104 COUNTY: ECHOLS LOCAL WELL NUMBER: GA-EC-4 LAT: 0304412 LONG: 0825523
OPERATOR: HUNT LEASE: #4 SUPERIOR PINE PROD
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
X X X X X 156 146 3913

STATE GEOLOGICAL SURVEY WELL NUMBER: 158

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIocene A+36 >105
OLIGOCENE -69 115
LATE EOCENE -184 406
MIDDLE EOCENE -590 634
EARLY EOCENE -1224 696
PALEOCENE -1920 534
CRETACEOUS -2454

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+36 >105
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -69 885
(TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -792 622
BOULDER ZONE
BASE OF SYSTEM -1414
LOCAL LOW-PERMEABILITY UNIT(S)

1 -954 107
2
3

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

RECORD NUMBER: 131C105 COUNTY: ECHOLS LOCAL WELL NUMBER: GA-EC-5 LAT: 0304529 LONG: 0825430
OPERATOR: HUMBLE LEASE: #1 BENNETT & LANGSDAL
SECTION TOWN-RANGE DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 189

RECORD NUMBER: 131C105 COUNTY: ECHOLS LOCAL WELL NUMBER: GA-EC-5 LAT: 0304529 LONG: 0825430

OPERATOR: HUMBLE LEASE: #1 BENNETT & LANGSDAL

SECTION TOWN-RANGE DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 189

RECORD NUMBER: 131C105 COUNTY: ECHOLS LOCAL WELL NUMBER: GA-EC-5 LAT: 0304529 LONG: 0825430

OPERATOR: HUMBLE LEASE: #1 BENNETT & LANGSDAL

SECTION TOWN-RANGE DATA AVAILABLE
SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 189

RECORD NUMBER: 131C105 COUNTY: ECHOLS LOCAL WELL NUMBER: GA-EC-5 LAT: 0304529 LONG: 0825430

UNITED STATES DEPARTMENT OF THE INTERIOR
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RECORD NUMBER: 1310301 COUNTY: EFFINGHAM LOCAL WELL NUMBER: GA-EFF1 LAT: 0320836 LONG: 0812244
OPERATOR: LEASE: CENTRAL OF GA RR
SECTION TOWN-SHIP RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CORE X
X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1704

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE +32 39
MIOCENE -7 253
OLIGOCENE -260 60
LATE EOCENE -320 >148
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER +32 39
UPPER CONFINING UNIT, LS SYSTEM -7 253
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -260 >208

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1310302 COUNTY: EFFINGHAM LOCAL WELL NUMBER: GA-EFF2 LAT: 0321508 LONG: 0811251
OPERATOR: GA GEOL SVY LEASE: CORE HOLE #13
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
ELEVATION OF DERRICK FLOOR (FT.) 57
ELEVATION OF GROUND LEVEL (FT.) 57
DEPTH OF WELL (FT.) 315

STATE GEOLOGICAL SURVEY WELL NUMBER: 3140

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+57	28	SURFICAL AQUIFER	+57	28
MIocene	+29	253	UPPER CONFINING UNIT, LS SYSTEM	+29	253
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-224	>34	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-224	>34
MIDDLE EOCENE					
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1310303 COUNTY: EFFINGHAM LOCAL WELL NUMBER: GA-EFF3 LAT: 0322116 LONG: 0811250
OPERATOR: GA GEOL SVY LEASE: CORE HOLE #14
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
68 68 276

STATE GEOLOGICAL SURVEY WELL NUMBER: 3155

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+68	42
MIOCENE	+26	211
OLIGOCENE	-185	>23
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+68	42
UPPER CONFINING UNIT, LS SYSTEM	+26	211
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-185	>23

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1310304 COUNTY: EFFINGHAM LOCAL WELL NUMBER: GA-EFF4 LAT: 0323355 LONG: 0812202
OPERATOR: GA GEOL SVY LEASE: CORE HOLE #9
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
120
345

STATE GEOLOGICAL SURVEY WELL NUMBER: 3107

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

POST-MIOCENE	+120	34
MIOCENE	+86	131
OLIGOCENE	-45	15
LATE EOCENE	-60	53
MIDDLE EOCENE	-113	>112
EARLY EOCENE		

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

SURFICAL AQUIFER	+120	34
UPPER CONFINING UNIT, LS SYSTEM	+86	131
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-45	68

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1310701 COUNTY: EMANUEL LOCAL WELL NUMBER: GA-EM-1 LAT: 0323455 LONG: 0822110

OPERATOR: SOUTHERN LEASE: CITY OF SHAINSBORO

SECTION TOWN- RANGE DATA AVAILABLE
SHIP ELECTRIC LOG PALEONTOLOGY GAMMA LOG X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
290
290
755

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

POST-MIOCENE +290 28
MIOCENE +262 196
OLIGOCENE +66 71
LATE EOCENE -5 168
MIDDLE EOCENE -163 107
EARLY EOCENE -270 47
PALEOCENE -317 >148
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) (MSL) THICKNESS (FT.)

SURFICAL AQUIFER +290 28
UPPER CONFINING UNIT, LS SYSTEM +262 196
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) +66 75

SUB-REGIONAL LCW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -9

LOCAL LOW-PERMEABILITY UNIT(S)

1 +31 9
2
3

RECORD NUMBER: 1310901 COUNTY: EVANS LOCAL WELL NUMBER: GA-EV-1 LAT: 0320925 LONG: 0815415
 OPERATOR: LEASE: CITY OF CLAXTON
 SECTION TOWN-RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 190
 ELEVATION OF GROUND LEVEL (FT.) 190
 DEPTH OF WELL (FT.) 700

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +190 62
 MIOCENE +128 402
 OLIGOCENE -274 46
 LATE EOCENE -320 >190
 MIDDLE EOCENE
 EARLY EOCENE
 PALEOCENE
 CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +190 62
 UPPER CONFINING UNIT, LS SYSTEM +128 402
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -274 >236

SUB-REGIONAL LOW-PERM. UNIT:

I
 II
 III
 IV
 V
 VI
 VII
 VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1312710

COUNTY: GLYNN

LOCAL WELL NUMBER: GA-GLY2

LAT: 0311442

LONG: 0813801

OPERATOR: HUMBLE

LEASE: #1 W C MCDONALD

SECTION TOWN-
SHIP RANGE

DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 25
ELEVATION OF GROUND LEVEL (FT.) 15
DEPTH OF WELL (FT.) 4737

STATE GEOLOGICAL SURVEY WELL NUMBER: 719

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+15	75
MIOCENE	-60	510
OLIGOCENE	-570	50
LATE EOCENE	-620	290
MIDDLE EOCENE	-910	932
EARLY EOCENE	-1842	413
PALEOCENE	-2255	340
CRETACEOUS	-2595	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+15	75
UPPER CONFINING UNIT, LS SYSTEM	-60	510
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-570	435
SUB-REGIONAL LCW-PERM. UNIT:		
I	-1005	278
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -1283 1864

BOULDER ZONE

BASE OF SYSTEM -3147

LOCAL LOW-PERMEABILITY UNIT(S)

1 -2407 188

2

3

RECORD NUMBER: 1312702

COUNTY: GLYNN

LOCAL WELL NUMBER: GA-GLY3

LAT: 0310649

LONG: 0813232

OPERATOR: LARUE

LEASE: #1 MASSEY

SECTION TOWN-
SHIP RANGE

DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG

ELEVATION OF DERRICK FLOOR (FT.)

ELEVATION OF GROUND LEVEL (FT.)

DEPTH OF WELL (FT.)

4617

15

20

15

STATE GEOLOGICAL SURVEY WELL NUMBER: 362

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +15 62

MIOCENE -47 504

OLIGOCENE -551 20

LATE EOCENE -571 356

MIDDLE EOCENE -927 769

EARLY EOCENE -1696 391

PALEOCENE -2087 513

CRETACEOUS -2600

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +15 62

UPPER CONFINING UNIT, LS SYSTEM -47 504

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -551 479

SUB-REGIONAL LOW-PERM. UNIT: -1030 150

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -1180 2010

BOULDER ZONE

BASE OF SYSTEM -3190

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1312703 COUNTY: GLYNN LOCAL WELL NUMBER: GA-GLY7 LAT: 0310820 LONG: 0813820
OPERATOR: HUMBLE LEASE: NST-1 UNION-CAMP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 24
ELEVATION OF GROUND LEVEL (FT.) 14
DEPTH OF WELL (FT.) 4633

STATE GEOLOGICAL SURVEY WELL NUMBER: 724

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +14 45
MIOCENE -31 513
OLIGOCENE -544 19
LATE EOCENE -563 300
MIDDLE EOCENE -863 853
EARLY EOCENE -1716 386
PALEOCENE -2102 492
CRETACEOUS -2594

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +14 45
UPPER CONFINING UNIT, LS SYSTEM -31 513
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -544 412
SUB-REGIONAL LOW-PERM. UNIT:
I -956 150
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE -1106 3070
BOULDER ZONE
BASE OF SYSTEM -3186
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1312704 COUNTY: GLYN LOCAL WELL NUMBER: GA-GLY8 LAT: 0312220 LONG: 0813354

OPERATOR: PAN-AM LEASE: #1 UNION-CAMP

SECTION TOWN- RANGE DATA AVAILABLE

SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 24
ELEVATION OF GROUND LEVEL (FT.) 13
DEPTH OF WELL (FT.) 4438

STATE GEOLOGICAL SURVEY WELL NUMBER: 1197

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A-76	>462
OLIGOCENE	-538	25
LATE EOCENE	-563	198
MIDDLE EOCENE	-761	1015
EARLY EOCENE	-1776	290
PALEOCENE	-2066	280
CRETACEOUS	-2346	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A-76	>462
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-538	383
SUB-REGIONAL LOW-PERM. UNIT:		
I	-921	247
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1168	832
BOULDER ZONE		
BASE OF SYSTEM	-2000	
LOCAL LOW-PERMEABILITY UNIT(S)		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1312705 COUNTY: GLYNN LOCAL WELL NUMBER: GA-GLY9 LAT: 0310810 LONG: 0813235

OPERATOR: USGS LEASE: COLONEL'S ISLAND TM

SECTION TOWN-SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
DATA AVAILABLE
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
10
2730

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +10 84
MIOCENE -74 494
OLIGOCENE -568 27
LATE EOCENE -595 347
MIDDLE EOCENE -942 778
EARLY EOCENE -1720 414
PALEOCENE -2134 423
CRETACEOUS -2557

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +10 106
UPPER CONFINING UNIT, LS SYSTEM -96 472
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -568 480
SUB-REGIONAL LCM-PERM. UNIT:
I -1048 116
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE -1164 >1556
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1312706

COUNTY: GLYNN

LOCAL WELL NUMBER: GAGLY1C

LAT: 0311625 LONG : 0813229

OPERATOR: DAVIS

LEASE: #1 SCOTT-HEAD

SECTION	TOWN- SHIP	RANGE
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

FLOOR (FT.)	LEVEL (FT.)	WELL (FT.)
32	20	4509

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+20	95	SURFICAL AQUIFER	+20	95
MIocene	-75	536	UPPER CONFINING UNIT, LS SYSTEM	-75	536
OLIGOCENE	-611	32	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-643	405	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-611	557
MIDDLE EOCENE	-1048	810			
EARLY EOCENE	-1858	370	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-2228	370	I	-1168	264
CRETACEOUS	-2598		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1432	1410
			BOULDER ZONE		
			BASE OF SYSTEM	-2842	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1 2 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
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BASIC WELL DATA

RECORD NUMBER: 1312707 COUNTY: GLYNN LOCAL WELL NUMBER: GAGLY11 LAT: 0311516 LONG: 0812058
OPERATOR: MUMBLE LEASE: #1 R.A. TAYLOR, SR
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.-)
(MSL)

POST-MIOCENE +13 145
MIOCENE -132 495
OLIGOCENE -627 80
LATE EOCENE -707 280
MIDDLE EOCENE -987 >75
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.-)
(MSL)

SURFICIAL AQUIFER +13 145
UPPER CONFINING UNIT, LS SYSTEM -132 495
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -627 >435

SUB-REGIONAL LOW-PERM. UNITS:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1312708 COUNTY: GLYNN LOCAL WELL NUMBER: GAGLY12 LAT: 0311216 LONG: 0814547
OPERATOR: HUMBLE LEASE: #81 UNICH-CAMP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 44
ELEVATION OF GROUND LEVEL (FT.) 44
DEPTH OF WELL (FT.) 914

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+44	83	SURFICAL AQUIFER	+44	83
MIOCENE	-39	482	UPPER CONFINING UNIT, LS SYSTEM	-39	482
OLIGOCENE	-521	85	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-606	>264	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-521	>349
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1312709 COUNTY: GLYNN LOCAL WELL NUMBER: GAGLY13 LAT: 0311504 LONG: 0814351
OPERATOR: HUMBLE LEASE: #72 UNICN-CAMP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 17
ELEVATION OF GROUND LEVEL (FT.) 17
DEPTH OF WELL (FT.) 740

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+17	93
MIOCENE	-76	494
OLIGOCENE	-570	33
LATE EOCENE	-603	>120
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+17	93
UPPER CONFINING UNIT, LS SYSTEM	-76	494
LIMESTONE ACUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-570	>153

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1313101 COUNTY: GRADY LOCAL WELL NUMBER: GA-GR-1 LAT: 0305310 LONG: 0841910
OPERATOR: MILLS LEASE: DR. FERRENCE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 883

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+285	48	SURFICAL AQUIFER	+285	48
MIocene	+237	398	UPPER CONFINING UNIT, LS SYSTEM	+237	398
OLIGOCENE	-161	>36	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-161	>36
MIDDLE EOCENE			SUB-REGIONAL LCH-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1313102 COUNTY: GRADY LOCAL WELL NUMBER: GA-GR-2 LAT: 0305235 LONG: 0841015
OPERATOR: ROWE LEASE: CITY OF CAIRO #87
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +245 34
MIOCENE +211 342
OLIGOCENE -131 >51
LATE EOCENE
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER +245 34
UPPER CONFINING UNIT, LS SYSTEM +211 342
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -131 >51

SUB-REGIONAL LCW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1315301 COUNTY: HOUSTON LOCAL WELL NUMBER: GA-HOU1 LAT: 0322320 LONG: 0834415
 OPERATOR: TRICON LEASE: #1 M.B. GILBERT
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 364
 ELEVATION OF GROUND LEVEL (FT.) 354
 DEPTH OF WELL (FT.) 1698

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+354	20	SURFICAL AQUIFER		
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	+334	8	SUB-REGIONAL LOW-PERM. UNITS:		
EARLY EOCENE	+326	77	I		
PALEOCENE	+249	75	II		
CRETACEOUS	+174		III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1315501 COUNTY: IRWIN LOCAL WELL NUMBER: GA-IR-1 LAT: 0313628 LONG: 0831456
OPERATOR: LAYNE LEASE: TOWN OF OCILLA #4
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE
SHIP X
ELEVATION OF DERRICK FLOOR (FT.) 355
ELEVATION OF GROUND LEVEL (FT.) 355
DEPTH OF WELL (FT.) 696

STATE GEOLOGICAL SURVEY WELL NUMBER: 3103

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+355	15
MIocene	+340	230
OLIGOCENE	+110	66
LATE EOCENE	+44	>385
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+355	200
UPPER CONFINING UNIT, LS SYSTEM	+155	45
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+110	>451
SUB-REGIONAL LGW-PERM. UNIT:		

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LGW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1316102 COUNTY: JEFF DAVIS LOCAL WELL NUMBER: GA-JD-2 LAT: 0315129 LONG: 0823546

OPERATOR: SAPP

LEASE: HAZELHURST MILLS

SECTION TOWN-
SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
257
257
797

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE +257 24
MIOCENE +233 560
OLIGOCENE -327 64
LATE EOCENE -391 >149
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

SURFICAL AQUIFER +257 136
UPPER CONFINING UNIT, LS SYSTEM +121 448
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -327 >213

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1316501 COUNTY: JENKINS LOCAL WELL NUMBER: GA-JEN1 LAT: 0325255 LONG: 0815713
OPERATOR: LEASE: MAGNOLIA STATE PARK
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
210
476

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+210	40
MIOCENE	+170	56
OLIGOCENE		
LATE EOCENE	+114	46
MIDDLE EOCENE	+68	>334
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER	+210	40
UPPER CONFINING UNIT, LS SYSTEM	+170	56
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+114	46
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	+68	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1317501 COUNTY: LAURENS LOCAL WELL NUMBER: GA-LA-1 LAT: 0322840 LONG: 0824533
OPERATOR: CALAPOR LEASE: A1 GRACE MCCAIN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS

STATE GEOLOGICAL SURVEY WELL NUMBER: 51

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIocene A+117 >7
OLIGOCENE +110 110
LATE EOCENE 0 130
MIDDLE EOCENE -130 190
EARLY EOCENE -320 80
PALEOCENE -400 190
CRETACEOUS -590

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+117 >7
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE +110 180
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

SHOULDER ZONE

BASE OF SYSTEM -70

LOCAL LOW-PERMEABILITY UNIT(S)

1 +75 75
2
3

RECORD NUMBER: 1317502 COUNTY: LAURENS LOCAL WELL NUMBER: GA-LA-2 LAT: 0323225 LONG: 0824910
OPERATOR: SOUTHERN LEASE: E. LAURENS M.S.
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+270	22	SURFICAL AQUIFER	+270	22
MIOCENE	+248	101	UPPER CONFINING UNIT, LS SYSTEM	+248	101
OLIGOCENE	+147	22	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+125	145	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+147	72
MIDDLE EOCENE	-20	193	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-213	45	I		
PALEOCENE	-258	>47	II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	+75	
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1	+125	22
			2		
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1317503 COUNTY: LAURENS LOCAL WELL NUMBER: GA-LA-3 LAT: 0322500 LONG: 0825708
OPERATOR: SOUTHERN LEASE: W. LAURENS H.S.
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 275
ELEVATION OF GROUND LEVEL (FT.) 275
DEPTH OF WELL (FT.) 590

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+275	21
MIocene	+254	64
OLIGOCENE	+190	28
LATE EOCENE	+162	122
MIDDLE EOCENE	+40	231
EARLY EOCENE	-191	76
PALEOCENE	-267	>48
CRETACEOUS		

HYCROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+275	21
UPPER CONFINING UNIT, LS SYSTEM	+254	64
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+190	53
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1	+162	13
2		
3		

RECORD NUMBER: 1317701 COUNTY: LEE LOCAL WELL NUMBER: GA-LEE1 LAT: 0315209 LONG: 0841500
OPERATOR: SOUTHEASTERN LEASE: #1 DIXIE PINES
SECTION TOWN-RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAPMA LOG DATA AVAILABLE
SHIP X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 424

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+303	30	SURFICAL AQUIFER	+303	16
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM	+287	14
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+273	39	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+273	39
MIDDLE EOCENE	+234	155			
EARLY EOCENE	+79	80	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-1	148	I		
CRETACEOUS	-149		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	+234	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1317901 COUNTY: LIBERTY LOCAL WELL NUMBER: GA-LIB1 LAT: 0314131 LONG: 0812054
OPERATOR: LARUE LEASE: #1 JELKS-ROGERS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.) 4264
CUTTINGS X
ELEVATION OF DERRICK FLOOR (FT.) 26
ELEVATION OF GROUND LEVEL (FT.) 24

STATE GEOLOGICAL SURVEY WELL NUMBER: 363

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +24 110
MIOCENE -86 303
OLIGOCENE -389 45
LATE EOCENE -434 245
MIDDLE EOCENE -679 870
EARLY EOCENE -1549 200
PALEOCENE -1749 320
CRETACEOUS -2069

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +24 110
UPPER CONFINING UNIT, LS SYSTEM -86 303
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -389 591
SUB-REGIONAL LCW-PERM. UNIT:
I -980 178
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -1158 241
BOULDER ZONE
BASE OF SYSTEM -1399
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1317902 COUNTY: LIBERTY LOCAL WELL NUMBER: GA-L182 LAT: 0314412 LONG: 0811901
OPERATOR: HUMBLE LEASE: #1 C.H. REICKES
SECTION TOWN-SHIP RANGE DATA AVAILABLE ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
SHIP CUTTINGS CORE PALEONTOLOGY X X 16 725
STATE GEOLOGICAL SURVEY WELL NUMBER: 3282

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

POST-MIOCENE	+16	75
MIOCENE	-59	320
OLIGOCENE	-379	30
LATE EOCENE	-409	237
MIDDLE EOCENE	-646	>63
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

SURFICAL AQUIFER	+16	75
UPPER CONFINING UNIT, LS SYSTEM	-59	320
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-379	>330

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1317903 COUNTY: LIBERTY LOCAL WELL NUMBER: GA-L183 LAT: 0314324 LONG: 0812513
OPERATOR: HUNBLE LEASE: #1 WILLIAM JAMES
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 17
ELEVATION OF GROUND LEVEL (FT.) 17
DEPTH OF WELL (FT.) 750

STATE GEOLOGICAL SURVEY WELL NUMBER: 3290

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+17	48
MIocene	-31	377
OLIGOCENE	-408	33
LATE EOCENE	-441	227
MIDDLE EOCENE	-668	>65
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+17	48
UPPER CONFINING UNIT, LS SYSTEM	-31	377
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-408	>325

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1317904 COUNTY: LIBERTY LOCAL WELL NUMBER: GA-L1B4 LAT: 0314512 LONG: 0813121
OPERATOR: HUMBLE LEASE: #44 UNION-CAMP
SECTION TOWN-RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
X X 17 1410

STATE GEOLOGICAL SURVEY WELL NUMBER: 3355

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+17	48	SURFICAL AQUIFER	+17	48
MIocene	-31	345	UPPER CONFINING UNIT, LS SYSTEM	-31	345
OLIGOCENE	-376	27	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-403	252	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-376	432
MIDDLE EOCENE	-655	>738	SUB-REGIONAL LCM-PERM. UNIT:		
EARLY EOCENE			I	-808	183
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-991	197
			BOULDER ZONE		
			BASE OF SYSTEM	-1188	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1317905 COUNTY: LIBERTY LOCAL WELL NUMBER: GA-L185 LAT: 0314915 LONG: 0812607
OPERATOR: HUMBLE LEASE: #36 UNION-CAMP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 17
ELEVATION OF GROUND LEVEL (FT.) 17
DEPTH OF WELL (FT.) 800

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+17	75
MIOCENE	-58	317
OLIGOCENE	-375	48
LATE EOCENE	-423	202
MIDDLE EOCENE	-625	>158
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+17	75
UPPER CONFINING UNIT, LS SYSTEM	-58	317
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-375	>408
SUB-REGIONAL LOW-PERM. UNIT:		

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1317906 COUNTY: LIBERTY LOCAL WELL NUMBER: GA-L186 LAT: 0314928 LONG: 0813027
 OPERATOR: HUMBLE LEASE: #39 UNION-CAMP
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
 X X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+21	85	SURFICAL AQUIFER	+21	85
MIOCENE	-64	265	UPPER CONFINING UNIT, LS SYSTEM	-64	265
OLIGOCENE	-329	50	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-379	230	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-329	368
MIDDLE EOCENE	-609	805	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1414	>70	I	-697	137
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-834	287
			BOULDER ZONE		
			BASE OF SYSTEM	-1121	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
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BASIC WELL DATA

RECORD NUMBER: 1317907 COUNTY: LIBERTY LOCAL WELL NUMBER: GA-L187 LAT: 0315043 LONG: 0813530
OPERATOR: LEASE: FRED MINGLEDORF
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X X
DEPTH OF WELL (FT.) 682

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+54	56
MIocene	-2	340
OLIGOCENE	-342	40
LATE EOCENE	-382	219
MIDDLE EOCENE	-601	>27
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+54	56
UPPER CONFINING UNIT, LS SYSTEM	-2	340
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP CF SYSTEM)	-342	>286

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1317908 COUNTY: LIBERTY LOCAL WELL NUMBER: GA-L188 LAT: 0315628 LONG: 0813010
OPERATOR: U.S. ARMY LEASE: FT. STEWART
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1071

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+26	67	SURFICAL AQUIFER	+26	67
MIOCENE	-41	313	UPPER CONFINING UNIT, LS SYSTEM	-41	313
OLIGOCENE	-354	51	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-405	>161	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-354	>212
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1318301 COUNTY: LONG LOCAL WELL NUMBER: GA-LO-1 LAT: 0314532 LONG: 0815020
OPERATOR: HUMBLE LEASE: #2 J.E. PARKER
SECTION TOWN-SHIP RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CORE X
ELEVATION OF DERRICK FLOOR (FT.) 44
ELEVATION OF GROUND LEVEL (FT.) 64
DEPTH OF WELL (FT.) 764

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+44	25
MIocene	+19	395
OLIGOCENE	-376	20
LATE EOCENE	-396	320
MIDDLE EOCENE	-716	>4
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+44	25
UPPER CONFINING UNIT, LS SYSTEM	+19	395
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-376	>344
SUB-REGIONAL LOW-PERM. UNIT:		

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1318302 COUNTY: LONG LOCAL WELL NUMBER: GA-LO-2 LAT: 0314349 LONG: 0814146
OPERATOR: HUMBLE LEASE: #25 UNICN-CAMP
SECTION TOWN-SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE
SHIP X X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +64 30
MIOCENE +34 444
OLIGOCENE -401 50
LATE EOCENE -451 315
MIDDLE EOCENE -766 >13
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +64 30
UPPER CONFINING UNIT, LS SYSTEM +34 444
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -401 >378
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1318303 COUNTY: LONG LOCAL WELL NUMBER: GA-10-3 LAT: 0314235 LONG : 0813739
OPERATOR: HUMBLE LEASE: #23 UNION-CAMP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 69
ELEVATION OF GROUND LEVEL (FT.) 840
DEPTH OF WELL (FT.) 840

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+69	35
MIOCENE	+34	470
OLIGOCENE		
LATE EOCENE	-436	275
MIDDLE EOCENE	-711	>60
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+69	35
UPPER CONFINING UNIT, LS SYSTEM	+34	470
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-436	>335
SUB-REGIONAL LOW-PERM. UNIT:		

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1318304 COUNTY: LONG LOCAL WELL NUMBER: GA-LO-4 LAT: 0314230 LONG: 0814642
OPERATOR: HUMBLE LEASE: #4 ALTAMANA LAND
SECTION TOWN-SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 3337

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE

MIOCENE A-199 >250
OLIGOCENE -449 25
LATE EOCENE -474 275
MIDDLE EOCENE -749 >10
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-199 >250
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -449 >310
(TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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BASIC WELL DATA

RECORD NUMBER: 1318305 COUNTY: LONG LOCAL WELL NUMBER: GA-LO-5 LAT: 0313734 LONG: 0814021
OPERATOR: HUMBLE LEASE: #29 UNICH-CAMP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
STATE GEOLOGICAL SURVEY WELL NUMBER: 3357

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+27	27
MIOCENE	0	418
OLIGOCENE	-418	38
LATE EOCENE	-456	269
MIDDLE EOCENE	-725	>23
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF UNIT (MSL)	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+27		27
UPPER CONFINING UNIT, LS SYSTEM	0		418
LIMESTONE AQUIFER SYSTEM:			
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-418		>330
SUB-REGIONAL LOW-PERM. UNIT:			
I			
II			
III			
IV			
V			
VI			
VII			
VIII			
LOWER MAJOR PERMEABLE ZONE			
BOULDER ZONE			
BASE OF SYSTEM			
LOCAL LOW-PERMEABILITY UNIT(S)			

1
2
3

RECORD NUMBER: 1318306 COUNTY: LONG LOCAL WELL NUMBER: GA-LO-6 LAT: 0313949 LONG: 0813405
OPERATOR: HUMBLE LEASE: #60 UNION-CAMP
SECTION TOWN-RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 19
DEPTH OF WELL (FT.) 1363

STATE GEOLOGICAL SURVEY WELL NUMBER: 3264

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+19	35
MIOCENE	-16	395
OLIGOCENE	-411	50
LATE EOCENE	-461	235
MIDDLE EOCENE	-696	>648
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+19	35
UPPER CONFINING UNIT, LS SYSTEM	-16	395
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP CF SYSTEM)	-411	489
SUB-REGIONAL LOW-PERM. UNIT:		
I	-900	91
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-991	215
BOULDER ZONE		
BASE OF SYSTEM	-1206	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1318307

COUNTY: LONG

LOCAL WELL NUMBER: GA-LO-7

LAT: 0313442 LONG: 0813411

OPERATOR: HUMBLE

LEASE: #20 UNICN-CAMP

SECTION TOWN-
SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
22
800

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +22 35
MIOCENE -13 420
OLIGOCENE -433 35
LATE EOCENE -468 255
MIDDLE EOCENE -723 >55
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +22 35
UPPER CONFINING UNIT, LS SYSTEM -13 420
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -433 >345

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1318501

COUNTY: LOWDES

LOCAL WELL NUMBER: GA-LOW1

LAT: 0305925 LONG: 0831508

OPERATOR: HUNT

LEASE: #1 J.T. STALVEY, JR.

SECTION TOWN-RANGE
SHIP

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
DATA AVAILABLE
X

ELEVATION OF DERRICK FLOOR (FT.) 169
ELEVATION OF GROUND LEVEL (FT.) 157
DEPTH OF WELL (FT.) 8550

STATE GEOLOGICAL SURVEY WELL NUMBER: 3113

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	A+23	>126
LATE EOCENE	-103	432
MIDDLE EOCENE	-535	718
EARLY EOCENE	-1253	453
PALEOCENE	-1706	705
CRETACEOUS	-2411	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE ACUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP CF SYSTEM)	A+23	>629
SUB-REGIONAL LCM-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -606

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1318502 COUNTY: LOWNDES LOCAL WELL NUMBER: GA-LOW2 LAT: 0305125 LONG : 0830323

OPERATOR: HUNT LEASE: #1 LANGSDALE

SECTION TOWN- RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 182
ELEVATION OF GROUND LEVEL (FT.) 171
DEPTH OF WELL (FT.) 5052

STATE GEOLOGICAL SURVEY WELL NUMBER: 3120

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+6	>44
OLIGOCENE	-38	130
LATE EOCENE	-168	423
MIDDLE EOCENE	-591	567
EARLY EOCENE	-1158	820
PALEOCENE	-1978	546
CRETACEOUS	-2524	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	A+6	>44
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-38	553
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-591	137
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-728	430
BOULDER ZONE		
BASE OF SYSTEM	-1158	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1318503 COUNTY: LOWNDES LOCAL WELL NUMBER: GA-L0W3 LAT: 0305054 LONG: 0831116
OPERATOR: MUNT LEASE: #1-A L.P. SHELTON
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
X 212 201 4985

STATE GEOLOGICAL SURVEY WELL NUMBER: 3115

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+201	20
MIOCENE	+181	193
OLIGOCENE	-12	136
LATE EOCENE	-148	387
MIDDLE EOCENE	-535	618
EARLY EOCENE	-1153	745
PALEOCENE	-1898	576
CRETACEOUS	-2474	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+201	20
UPPER CONFINING UNIT, LS SYSTEM	+181	193
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-12	416
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III	-428	334
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-762	252
BOULDER ZONE		
BASE OF SYSTEM	-1014	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-8
BASIC WELL DATA

RECORD NUMBER: 1318504 COUNTY: LOWDES LOCAL WELL NUMBER: GA-L0W4 LAT: 0305612 LONG: 0832423
OPERATOR: HUNT LEASE: #1 JACK CGLE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 254
ELEVATION OF GROUND LEVEL (FT.) 243
DEPTH OF WELL (FT.) 5246

STATE GEOLOGICAL SURVEY WELL NUMBER: 3099

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	A+80	>14
OLIGOCENE	+66	167
LATE EOCENE	-101	410
MIDDLE EOCENE	-511	735
EARLY EOCENE	-1246	470
PALEOCENE	-1716	600
CRETACEOUS	-2316	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM	A+80	>14
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+66	726

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

-660

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

HYCROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------

LONG : 0831652

**ELEVATION
DERRICK**

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

3122

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
1	10.0	1.0
2	9.0	1.0
3	8.0	1.0
4	7.0	1.0
5	6.0	1.0
6	5.0	1.0
7	4.0	1.0
8	3.0	1.0
9	2.0	1.0
10	1.0	1.0
11	0.0	1.0
12	-1.0	1.0
13	-2.0	1.0
14	-3.0	1.0
15	-4.0	1.0
16	-5.0	1.0
17	-6.0	1.0
18	-7.0	1.0
19	-8.0	1.0
20	-9.0	1.0
21	-10.0	1.0
22	-11.0	1.0
23	-12.0	1.0
24	-13.0	1.0
25	-14.0	1.0
26	-15.0	1.0
27	-16.0	1.0
28	-17.0	1.0
29	-18.0	1.0
30	-19.0	1.0
31	-20.0	1.0
32	-21.0	1.0
33	-22.0	1.0
34	-23.0	1.0
35	-24.0	1.0
36	-25.0	1.0
37	-26.0	1.0
38	-27.0	1.0
39	-28.0	1.0
40	-29.0	1.0
41	-30.0	1.0
42	-31.0	1.0
43	-32.0	1.0
44	-33.0	1.0
45	-34.0	1.0
46	-35.0	1.0
47	-36.0	1.0
48	-37.0	1.0
49	-38.0	1.0
50	-39.0	1.0
51	-40.0	1.0
52	-41.0	1.0
53	-42.0	1.0
54	-43.0	1.0
55	-44.0	1.0
56	-45.0	1.0
57	-46.0	1.0
58	-47.0	1.0
59	-48.0	1.0
60	-49.0	1.0
61	-50.0	1.0
62	-51.0	1.0
63	-52.0	1.0
64	-53.0	1.0
65	-54.0	1.0
66	-55.0	1.0
67	-56.0	1.0
68	-57.0	1.0
69	-58.0	1.0
70	-59.0	1.0
71	-60.0	1.0
72	-61.0	1.0
73	-62.0	1.0
74	-63.0	1.0
75	-64.0	1.0
76	-65.0	1.0
77	-66.0	1.0
78	-67.0	1.0
79	-68.0	1.0
80	-69.0	1.0
81	-70.0	1.0
82	-71.0	1.0
83	-72.0	1.0
84	-73.0	1.0
85	-74.0	1.0
86	-75.0	1.0
87	-76.0	1.0
88	-77.0	1.0
89	-78.0	1.0
90	-79.0	1.0
91	-80.0	1.0
92	-81.0	1.0
93	-82.0	1.0
94	-83.0	1.0
95	-84.0	1.0
96	-85.0	1.0
97	-86.0	1.0
98	-87.0	1.0
99	-88.0	1.0
100	-89.0	1.0
101	-90.0	1.0
102	-91.0	1.0
103	-92.0	1.0
104	-93.0	1.0
105	-94.0	1.0
106	-95.0	1.0
107	-96.0	1.0
108	-97.0	1.0
109	-98.0	1.0
110	-99.0	1.0
111	-100.0	1.0
112	-101.0	1.0
113	-102.0	1.0
114	-103.0	1.0
115	-104.0	1.0
116	-105.0	1.0
117	-106.0	1.0
118	-107.0	1.0
119	-108.0	

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE A+47 >264

LATE EOCENE -217 328

MIDDLE EOCENE -605 702

EARLY ECCENE -1307 492

PALEOCENE -1799 692

CRETACEOUS
-2491

IV

2

VI

vii

viii

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1318506 COUNTY: LOWNOES LOCAL WELL NUMBER: GA-L0W6 LAT: 0305149 LONG: 0831728
OPERATOR: USGS LEASE: #1 CITY OF VALDOSTA
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CGRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
DEPTH OF WELL (FT.) 986
ELEVATION OF DERRICK FLOOR (FT.) 189
ELEVATION OF GROUND LEVEL (FT.) 189

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +189 38
MIOCENE +151 174
OLIGOCENE -23 90
LATE EOCENE -113 414
MIDDLE EOCENE -527 >270
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +189 38
UPPER CONFINING UNIT, LS SYSTEM +151 174
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -23 318

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III -341 >456
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1318507 COUNTY: LOWDES LOCAL WELL NUMBER: GA-LOW7 LAT: 0305839 LONG : 0831215

OPERATOR:	LEASE:	MOODY AFB, OFFICERS M	DATA AVAILABLE	ELEVATION OF DERRICK FLOOR (FT.)	ELEVATION OF GROUND LEVEL (FT.)	DEPTH OF WELL (FT.)
SECTION TOWN-SHIP	RANGE	CUTTINGS CORE PALEONTOLOGY	ELECTRIC LOG	GAMMA LOG	224	342

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+224	46	SURFICAL AQUIFER	+224	46
MIOCENE	+178	83	UPPER CONFINING UNIT, LS SYSTEM	+178	83
OLIGOCENE	+95	137	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-42	>76	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+95	>212
MIDDLE EOCENE					
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1318508 COUNTY: LOWNDES LOCAL WELL NUMBER: GA-L0W8 LAT: 0305902 LONG: 0832155
OPERATOR: CARR LEASE: #1 CITY OF HAMIRA
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMPA LCG X
ELEVATION OF DERRICK FLOOR (FT.) 225
ELEVATION OF GROUND LEVEL (FT.) 225
DEPTH OF WELL (FT.) 360

STATE GEOLOGICAL SURVEY WELL NUMBER: 851

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +225 38

MIOCENE +187 164

OLIGOCENE +23 >158

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +225 38

UPPER CONFINING UNIT, LS SYSTEM +187 164

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) +23 >158

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1318509 COUNTY: LOWADES LOCAL WELL NUMBER: GA-LOW9 LAT: 0304125 LONG : 0830950
OPERATOR: LEASE: 1.5 MI NE OF LAKE PRK
SECTION TOWN- DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
150 150 168

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+150	32	SURFICAL AQUIFER	+150	32
MIOCENE	+118	>136	UPPER CONFINING UNIT, LS SYSTEM	+118	>136
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE			UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1319101

COUNTY: MCINTOSH

LOCAL WELL NUMBER: GA-MC-1

LAT: 0314032 LONG: 0813024

OPERATOR: HUMBLE

LEASE: #45 UNICH-CAMP

SECTION TOWN- RANGE
SHIP

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
22
1360

STATE GEOLOGICAL SURVEY WELL NUMBER: 3281

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+22	55
MIOCENE	-33	350
OLIGOCENE	-383	60
LATE EOCENE	-443	210
MIDDLE EOCENE	-653	>685
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER	+22	55
UPPER CONFINING UNIT, LS SYSTEM	-33	350
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-383	538
SUB-REGIONAL LCM-PERM. UNIT:		
I	-921	82
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1003	160
BOULDER ZONE		
BASE OF SYSTEM	-1163	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1319102 COUNTY: MCINTOSH LOCAL WELL NUMBER: GA-MC-2 LAT: 0313506 LONG: 0812920
OPERATOR: HUMBLE LEASE: #49 UNION-CAMP
SECTION TOWN-RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 3250

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE	+16	73
MIOCENE	-57	352
OLIGOCENE	-409	45
LATE EOCENE	-454	245
MIDDLE EOCENE	-699	>740
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER	+16	73
UPPER CONFINING UNIT, LS SYSTEM	-57	352
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-409	468

SUB-REGIONAL LCM-PERM. UNIT:

I	-877	160
---	------	-----

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE	-1037	250
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BOULDER ZONE

BASE OF SYSTEM	-1287	
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LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1319103 COUNTY: MCINTOSH LOCAL WELL NUMBER: GA-MC-3 LAT: 0313655 LONG: 0812209
OPERATOR: HUMBLE LEASE: UNION-CAMP #50
SECTION TOWN- RANGE DATA AVAILABLE
SHIP- CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.) 1492
CUTTINGS X PALEONTOLOGY X ELECTRIC LOG X GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 3301

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+21	55
MIOCENE	-34	398
OLIGOCENE		
LATE EOCENE	-432	267
MIDDLE EOCENE	-699	>772
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+21	55
UPPER CONFINING UNIT, LS SYSTEM	-34	398
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-432	452
SUB-REGIONAL LOW-PERM. UNIT:		
I	-884	158
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1042	367
BOULDER ZONE		
BASE OF SYSTEM	-1409	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1319104 COUNTY: MCINTOSH LOCAL WELL NUMBER: GA-MC-4 LAT: 0312920 LONG: 0813614
OPERATOR: HUMBLE LEASE: UNION-CAMP #32
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 3283

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+41	40
MIOCENE	+1	425
OLIGOCENE	-424	43
LATE EOCENE	-467	247
MIDDLE EOCENE	-714	>40
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+41	4C
UPPER CONFINING UNIT, LS SYSTEM	+1	425
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-424	>330
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1319105 COUNTY: MCINTOSH LOCAL WELL NUMBER: GA-MC-5 LAT: 0313151 LONG: 0812147
OPERATOR: HUMBLE LEASE: #1 M EDENFIELD
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 22
ELEVATION OF GROUND LEVEL (FT.) 22
DEPTH OF WELL (FT.) 875

STATE GEOLOGICAL SURVEY WELL NUMBER: 3256

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +22 55
MIOCENE -33 420
OLIGOCENE -453 63
LATE EOCENE -516 272
MIDDLE EOCENE -788 >65
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +22 55
UPPER CONFINING UNIT, LS SYSTEM -33 420
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -453 >400
SUB-REGIONAL LCH-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1319106 COUNTY: MCINTOSH LOCAL WELL NUMBER: GA-PC-6 LAT: 0312953 LONG: 0813303
OPERATOR: HUMBLE LEASE: A33 UNION-CAMP
SECTION TOWN-SHIP RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
CUTTINGS CORE X
STATE GEOLOGICAL SURVEY WELL NUMBER: 3338

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +19 57
MIOCENE -38 408
OLIGOCENE -446 45
LATE EOCENE -491 250
MIDDLE EOCENE -741 >40
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +19 57
UPPER CONFINING UNIT, LS SYSTEM -38 408
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -446 >335

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1319107

COUNTY: MCINTOSH

LOCAL WELL NUMBER: GA-MC-7

LAT: 0312849 LONG: 0813118

OPERATOR: HUMBLE

LEASE: #54 UNION-CAMP

SECTION TOWN-
SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.) 12
ELEVATION OF GROUND LEVEL (FT.) 12
DEPTH OF WELL (FT.) 1492

STATE GEOLOGICAL SURVEY WELL NUMBER: 3277

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+12	90
MIocene	-78	410
OLIGOCENE	-488	32
LATE EOCENE	-520	258
MIDDLE EOCENE	-778	>702
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER	+12	90
UPPER CONFINING UNIT, LS SYSTEM	-78	410
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-488	483
SUB-REGIONAL LOW-PERM. UNIT:		
I	-971	217
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1188	>292
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1319108 COUNTY: MCINTOSH LOCAL WELL NUMBER: GA-MC-8 LAT: 0312521 LONG: 0812553
OPERATOR: HUMBLE LEASE: #53 UNION-CAMP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
STATE GEOLOGICAL SURVEY WELL NUMBER: 3249

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

POST-MIOCENE +31 63
MIOCENE -32 529
OLIGOCENE -561 48
LATE EOCENE -609 255
MIDDLE EOCENE -864 >579
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

SURFICAL AQUIFER +31 63
UPPER CONFINING UNIT, LS SYSTEM -32 529
LIMESTONE AQUIFER SYSTEMS
UPPER MAJOR PERMEABLE ZONE -561 491
SUB-REGIONAL LCW-PERM. UNIT:
I -1052 217
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE -1269 >174
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1320501 COUNTY: MITCHELL LOCAL WELL NUMBER: GA-MIT1 LAT: 0310828 LONG: 0840413
OPERATOR: STANOLIND LEASE: #1 J.M. PULLEN
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
SHIP DATA AVAILABLE X 339 330 5662

STATE GEOLOGICAL SURVEY WELL NUMBER: 109

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene	+330	310
OLIGOCENE	+20	61
LATE EOCENE	-41	325
MIDDLE EOCENE	-366	342
EARLY EOCENE	-708	283
PALEOCENE	-991	357
CRETACEOUS	-1348	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+330	70
UPPER CONFINING UNIT, LS SYSTEM	+260	301
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-41	465
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1320502 COUNTY: MITCHELL LOCAL WELL NUMBER: GA-MIT2 LAT: 0312240 LONG: 0840952
OPERATOR: LAYNE LEASE: TOWN OF BACONTON
SECTION TOWN-SHIP RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CORE X

STATE GEOLOGICAL SURVEY WELL NUMBER: 3101

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +172 20
MIOCENE
OLIGOCENE
LATE EOCENE +152 275
MIDDLE EOCENE -123 297
EARLY EOCENE -420 198
PALEOCENE -618 83
CRETACEOUS -701

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +172 20

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) +152 275

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -123

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1320503 COUNTY: MITCHELL LOCAL WELL NUMBER: GA-MIT3 LAT: 0310455 LONG: 0842645

OPERATOR: LEASE: VEDA AIRFIELD

SECTION TOWN-SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAPMA LOG X
DATA AVAILABLE X

ELEVATION OF DERRICK FLOOR (FT.) 143
ELEVATION OF GROUND LEVEL (FT.) 143
DEPTH OF WELL (FT.) 206

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +143 86

MIocene

OLIGOCENE

LATE EOCENE +57

MIDDLE EOCENE >120

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +143 86

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE +57 >120
(TOP OF SYSTEM)

SUB-REGIONAL LCM-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1320504 COUNTY: MITCHELL LOCAL WELL NUMBER: GA-MIT4 LAT: 0311328 LONG: 0841307
OPERATOR: LAYNE LEASE: CITY OF CAMILLA #4
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X
STATE GEOLOGICAL SURVEY WELL NUMBER: 564

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+169	70	SURFICAL AQUIFER	+169	70
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+99	211	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+99	>212
MIDDLE EOCENE	-172	>1	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1320505 COUNTY: MITCHELL LOCAL WELL NUMBER: GA-MITS LAT: 0312557 LONG: 0840130
OPERATOR: LAYNE LEASE: GRAVEL HILL PLANTATIO ELEVATION OF DERRICK FLOOR (FT.) 285
SECTION TOWN-SHIP RANGE DATA AVAILABLE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X X X X
DEPTH OF WELL (FT.) 382

STATE GEOLOGICAL SURVEY WELL NUMBER: 1062

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
------	--------------------------------	-----------------	------	--------------------------------	-----------------

POST-MIOCENE	+285	57	SURFICAL AQUIFER	+285	57
--------------	------	----	------------------	------	----

MIocene

UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

MIDDLE EOCENE

>68

EARLY EOCENE

SUB-REGIONAL LOW-PERM. UNIT:

PALEOCENE

CRETACEOUS

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

-29

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1320901 COUNTY: MONTGOMERY LOCAL WELL NUMBER: GA-MO-1 LAT: 0320200 LCNG : 0823155

OPERATOR: MEADOWS LEASE: #3 MOSES

SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP X X

ELEVATION OF DERRICK FLOOR (FT.) 188
ELEVATION OF GROUND LEVEL (FT.) 178
DEPTH OF WELL (FT.) 1897

STATE GEOLOGICAL SURVEY WELL NUMBER: 128

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+178	26
MIOCENE	+152	374
OLIGOCENE	-222	80
LATE EOCENE	-302	210
MIDDLE EOCENE	-512	545
EARLY EOCENE	-1057	275
PALEOCENE	-1332	230
CRETACEOUS	-1562	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+178	26
UPPER CONFINING UNIT, LS SYSTEM	+152	374
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-222	560

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -782

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1320902 COUNTY: MONTGOMERY LOCAL WELL NUMBER: GA-MO-2 LAT: 0321301 LONG: 822847
OPERATOR: WEATHERFORD LEASE: #1 LONNIE WILKES
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 293
ELEVATION OF GROUND LEVEL (FT.) 283
DEPTH OF WELL (FT.) 2505

STATE GEOLOGICAL SURVEY WELL NUMBER: 190

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+283	40
MIocene	+243	225
OLIGOCENE	+18	105
LATE EOCENE	-87	165
MIDDLE EOCENE	-252	360
EARLY EOCENE	-612	225
PALEOCENE	-837	280
CRETACEOUS	-1117	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+283	40
UPPER CONFINING UNIT, LS SYSTEM	+243	225
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+18	375
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-357	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1322901 COUNTY: PIERCE LOCAL WELL NUMBER: GA-PI-1 LAT: 0312630 LONG: 0820340
OPERATOR: HINTON-CLARK LEASE: #1 ADAMS-MCCASHILL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X
STATE GEOLOGICAL SURVEY WELL NUMBER: 120

GEOLOGIC UNITS

UNIT ELEVATION OF TOP
OF UNIT (FT.) THICKNESS
(FT.)

POST-MIOCENE

MIocene A-39 >411
OLIGOCENE -450 60
LATE EOCENE -510 320
MIDDLE EOCENE -830 975
EARLY EOCENE -1805 220
PALEOCENE -2025 345
CRETACEOUS -2370

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP
OF UNIT (FT.) THICKNESS
(FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-39 >411

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -450 565

SUB-REGIONAL LOW-PERM. UNIT:

I -1015 110

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -1125 685

BOULDER ZONE

BASE OF SYSTEM -1810

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

LAT: 031234S LONG : 0820413

ELEVATION OF ELEVATION OF DEPTH

FLOOR (FT.)	LEVEL (FT.)	WELL (FT.)
75		4376

HYDROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102
103	104	105
106	107	108
109	110	111
112	113	114
115	116	117
118	119	120
121	122	123
124	125	126
127	128	129
130	131	132
133	134	135
136	137	138
139	140	141
142	143	144
145	146	147
148	149	150
151	152	153
154	155	156
157	158	159
160	161	162
163	164	165
166	167	168
169	170	171
172	173	174
175	176	177
178	179	180
181	182	183
184	185	186
187	188	189
190	191	192
193	194	195
196	197	198
199	200	201
202	203	204
205	206	207
208	209	210
211	212	213
214	215	216
217	218	219
220	221	222
223	224	225
226	227	228
229	230	231
232	233	234
235	236	237
238	239	240
241	242	243
244	245	246
247	248	249
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
292	293	294
295	296	297
298	299	300
301	302	303
304	305	306
307	308	309
310	311	312
313	314	315
316	317	318
319	320	321
322	323	324
325	326	327
328	329	330
331	332	333
334	335	336
337	338	339
340	341	342
343	344	345
346	347	348
349	350	351
352	353	354
355	356	357
358	359	360
361	362	363
364	365	366

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE

EXERCISE 10.10

11 INO 0W34 NOT 7WNO703W 80C

1

695

BASE OF SYSTEM -1720

LOCAL LCW-PERMEABILITY UNIT(S)

1

40

2

25

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1322903 COUNTY: PIERCE LOCAL WELL NUMBER: GA-PI-3 LAT: 0312447 LONG: 0820939

OPERATOR: HUNBLE LEASE: #1 VERNON THOMAS

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.) 124
ELEVATION OF GROUND LEVEL (FT.) 910
DEPTH OF WELL (FT.) 910

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+124	55
MIocene	+69	510
OLIGOCENE	-441	48
LATE EOCENE	-489	>297
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM	+69	510
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-441	>345
SUB-REGIONAL LOW-PERM. UNIT:		

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1322904 COUNTY: PIERCE LOCAL WELL NUMBER: GA-PI-4 LAT: 0312029 LONG: 0820856
OPERATOR: MUMBLE LEASE: #1 CHARLES WARREN
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +108 30
MIOCENE +78 502
OLIGOCENE -424 40
LATE EOCENE -464 281
MIDDLE EOCENE -745 >22
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +108 30
UPPER CONFINING UNIT, LS SYSTEM +78 502
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -424 >343

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1322905 COUNTY: PIERCE LOCAL WELL NUMBER: GA-PI-5 LAT: 0311620 LONG: 0820857

OPERATOR: HUMBLE LEASE: #1 PEARL CRAWFORD

SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP X DATA AVAILABLE X

ELEVATION OF DERRICK FLOOR (FT.) 75
ELEVATION OF GROUND LEVEL (FT.) 75
DEPTH OF WELL (FT.) 810

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+75	15
MIOCENE	+60	480
OLIGOCENE	-420	20
LATE EOCENE	-440	279
MIDDLE EOCENE	-719	>16
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+75	15
UPPER CONFINING UNIT, LS SYSTEM	+60	480
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-420	>315
SUB-REGIONAL LCH-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1323501

COUNTY: PULASKI

LOCAL WELL NUMBER: GA-PU-1

LAT: 0321925 LONG: 0833310

OPERATOR: LEIGHTON

LEASE: #1 CANA

SECTION TOWN-
SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.) 350
ELEVATION OF GROUND LEVEL (FT.) 338
DEPTH OF WELL (FT.) 6030

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+338	42
MIocene		
OLIGOCENE	+296	61
LATE EOCENE	+235	115
MIDDLE EOCENE	+120	110
EARLY EOCENE	+10	35
PALEOCENE	-25	80
CRETACEOUS	-105	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+338	42
UPPER CONFINING UNIT, LS SYSTEM	+296	92
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+200	80
SUB-REGIONAL LCW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	+120	
LOCAL LCW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1323502

COUNTY: PULASKI

LOCAL WELL NUMBER: GA-PU-2

LAT: 0321914 LONG: 0832421

OPERATOR: AINSWORTH

LEASE: #1 E.M. TRIPP

SECTION TOWN-
SHIP RANGE

DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X XELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
280
2457.

STATE GEOLOGICAL SURVEY WELL NUMBER: 472

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

+280

72

MIOCENE

OLIGOCENE

+202

62

LATE EOCENE

+140

125

MIDDLE EOCENE

+15

185

EARLY EOCENE

-170

85

PALEOCENE

-255

30

CRETACEOUS

-385

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

+280

28

UPPER CONFINING UNIT, LS SYSTEM

+252

50

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

+202

187

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

+15

LOCAL LOW-PERMEABILITY UNIT(S)

1

+180

75

2

3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

LAT: 032160S LONG : 0832800

ELEVATION OF DERRICK

FLOOR (FT.)	LEVEL (FT.)	WELL (FT.)
	240	373

HYDROLOGIC UNITS

[illegible]

SURFICAL AQUIFER

SUB-REGIONAL LOW-PERM. UNIT:

11

III

iv

Y

VI

vii

viii

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1325101 COUNTY: SCREVEN LOCAL WELL NUMBER: GA-SCR2 LAT: 0323810 LONG: 0812530
OPERATOR: GA GEOL SVY LEASE: SCREVEN #1
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1170

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE	+52	17
MIOCENE	+35	43
OLIGOCENE	-8	48
LATE EOCENE	-56	116
MIDDLE EOCENE	-172	>117
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER	+52	17
UPPER CONFINING UNIT, LS SYSTEM	+35	43
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-8	70

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1325102 COUNTY: SCREVEN LOCAL WELL NUMBER: GA-SCR3 LAT: 0324125 LONG: 0813029
OPERATOR: GA GEOL SVY LEASE: SCREVEN #8
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LCG
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
200 200 212

STATE GEOLOGICAL SURVEY WELL NUMBER: 3198

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+200	28
MIOCENE	+172	165
OLIGOCENE	+7	>19
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+200	28
UPPER CONFINING UNIT, LS SYSTEM	+172	165
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+7	>19
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1325103 COUNTY: SCREVEN LCCAL WELL NUMBER: GA-SCRA LAT: 0325443 LONG: 0813115

OPERATOR: GA GEOL SVY LEASE: SCREVEN #7

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
XELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
9C
300

STATE GEOLOGICAL SURVEY WELL NUMBER: 1175

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

+90

29

SURFICAL AQUIFER

+90

29

MIOCENE

+61

23

UPPER CONFINING UNIT, LS SYSTEM

+61

87

OLIGOCENE

+38

>184

LIMESTONE AQUIFER SYSTEM:

+61

87

LATE EOCENE

-26

SUB-REGIONAL LOW-PERM. UNIT:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+61

87

MIDDLE EOCENE

-26

SUB-REGIONAL LOW-PERM. UNIT:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+61

87

EARLY EOCENE

-26

SUB-REGIONAL LOW-PERM. UNIT:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+61

87

PALEOCENE

-26

SUB-REGIONAL LOW-PERM. UNIT:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+61

87

CRETACEOUS

-26

SUB-REGIONAL LOW-PERM. UNIT:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+61

87

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

+90

29

UPPER CONFINING UNIT, LS SYSTEM

+61

87

LIMESTONE AQUIFER SYSTEM:

+61

87

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+61

87

SUB-REGIONAL LOW-PERM. UNIT:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+61

87

SUB-REGIONAL LOW-PERM. UNIT:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+61

87

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER: 1007

HYCROLOGIC UNITS

ELEVATION OF TOP OF UNIT (FT.)		THICKNESS (FT.)
(MSL)		
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102
103	104	105
106	107	108
109	110	111
112	113	114
115	116	117
118	119	120
121	122	123
124	125	126
127	128	129
130	131	132
133	134	135
136	137	138
139	140	141
142	143	144
145	146	147
148	149	150
151	152	153
154	155	156
157	158	159
160	161	162
163	164	165
166	167	168
169	170	171
172	173	174
175	176	177
178	179	180
181	182	183
184	185	186
187	188	189
190	191	192
193	194	195
196	197	198
199	200	201
202	203	204
205	206	207
208	209	210
211	212	213
214	215	216
217	218	219
220	221	222
223	224	225
226	227	228
229	230	231
232	233	234
235	236	237
238	239	240
241	242	243
244	245	246
247	248	249
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
292	293	294
295	296	297
298	299	300
301	302	303
304	305	306
307	308	309
310	311	312
313	314	315
316	317	318
319	320	321
322	323	324
325	326	327
328	329	330
331	332	333
334	335	336
337	338	339
340	341	342
343	344	345
346	347	348
349	350	351
352	353	354
355	356	357
358	359	360
361	362	363
364		

SUB-REGIONAL LCW-PERM. UNIT:

11

iii

11.

➤

WI

III

wii

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

M

RECORD NUMBER: 1325105 COUNTY: SCREVEN LOCAL WELL NUMBER: GA-SCRE LAT: 0330115 LONG: 0813430
OPERATOR: GA GEOL SVY LEASE: SCREVEN #6
SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG (FT.) (FT.) (FT.)
X X 153 212

STATE GEOLOGICAL SURVEY WELL NUMBER: 1174

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
------	--------------------------------	-----------------

POST-MIOCENE	+153	75
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	+78	>118
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
------	--------------------------------	-----------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

Boulder Zone

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1325106 COUNTY: SCREVEN LOCAL WELL NUMBER: GA-SCR7 LAT: 0323455 LONG: 0814600
OPERATOR: LAYNE LEASE: KING FINISHING, COVER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
O X X X X
DEPTH OF WELL (FT.) 1452
ELEVATION OF GROUND LEVEL (FT.) 16
ELEVATION OF DERRICK FLOOR (FT.) 16

STATE GEOLOGICAL SURVEY WELL NUMBER: 979

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+160	38
MIOCENE	+122	126
OLIGOCENE	-4	22
LATE EOCENE	-26	142
MIDDLE EOCENE	-168	488
EARLY EOCENE	-656	90
PALEOCENE	-746	176
CRETACEOUS	-922	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+160	38
UPPER CONFINING UNIT, LS SYSTEM	+122	126
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-4	164
SUB-REGIONAL LCM-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-168	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1325301 COUNTY: SEMINOLE LOCAL WELL NUMBER: GA-SE-1 LAT: 0304637 LONG: 0845245
OPERATOR: HUMBLE LEASE: #1 J.R. SEALY
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 654

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A+24	>341
-317	572
-889	474
-1363	580
-1943	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--	--------------------

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LGW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

-473

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1325302 COUNTY: SEMINOLE LOCAL WELL NUMBER: GA-SE-2 LAT: 0305325 LONG: 0844902
OPERATOR: WARREN LEASE: #1 GRADY BELL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
STATE GEOLOGICAL SURVEY WELL NUMBER: 204

ELEVATION OF DERRICK FLOOR (FT.) 115
ELEVATION OF GROUND LEVEL (FT.) 108
DEPTH OF WELL (FT.) 3807

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

A-195 >438
-633 398
-1031 688
-1719

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

>120

A-195

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

-315

RECORD NUMBER: 1325303 COUNTY: SEMINOLE LOCAL WELL NUMBER: GA-SE-4 LAT: 0310313 LONG: 0846842

OPERATOR: WARREN LEASE: #1 W.E. MARLOW

SECTION TOWN-RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP X X
DATA AVAILABLE
ELEVATION OF DERRICK FLOOR (FT.) 147
ELEVATION OF GROUND LEVEL (FT.) 136
DEPTH OF WELL (FT.) 3572

STATE GEOLOGICAL SURVEY WELL NUMBER: 187

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +136 29
MIOCENE
OLIGOCENE
LATE EOCENE +107 >20
MIDDLE EOCENE A-281 >334
EARLY EOCENE -615 151
PALEOCENE -766 645
CRETACEOUS -1411

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +136 29
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE +107 >20
(TOP OF SYSTEM)

SUB-REGIONAL LGW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1326701 COUNTY: TATTNALL LOCAL WELL NUMBER: GA-TAT1 LAT: 0320020 LONG: 0820945

OPERATOR: VA SUPPLY & WE LEASE: #3 GA STATE PRISON

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X

ELEVATION OF DERRICK FLOOR (FT.) 187
ELEVATION OF GROUND LEVEL (FT.) 187
DEPTH OF WELL (FT.) 848

STATE GEOLOGICAL SURVEY WELL NUMBER: 180

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +187 62
MIOCENE +125 444
OLIGOCENE -319 86
LATE EOCENE -405 >256
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +187 62
UPPER CONFINING UNIT, LS SYSTEM +125 444
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -319 >342

SUB-REGIONAL LCN-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1326702 COUNTY: TATNALL LOCAL WELL NUMBER: GA-TAT2 LAT: 0311635 LONG: 0820820
OPERATOR: LEASE: CITY OF COBBTOWN
SECTION TOWN-RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 243
ELEVATION OF GROUND LEVEL (FT.) 243
DEPTH OF WELL (FT.) 780

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+243	64
MIOCENE	+179	540
OLIGOCENE	-361	72
LATE EOCENE	-433	88
MIDDLE EOCENE	-521	>16
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+243	64
UPPER CONFINING UNIT, LS SYSTEM	+179	540
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-361	160
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

LAT: 032014S LONG : 082483S

ELEVATION OF ELEVATION OF DEPTH

FLOOR
LEVEL
WELL

	(FT.)	(FT.)	(FT.)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
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21			
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79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			

HYDROLOGIC UNITS

ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)

UNIT

ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

5612

A+206

5615

36

LIMESTONE AQUIFER SYSTEM:

220

UPPER, MAJOR PERMEABLE ZONE

514

.....

195

DATE

328

•

•

1

2

3

RECORD NUMBER: 1327102 COUNTY: TELFAIR LOCAL WELL NUMBER: GA-TEL2 LAT: 0320410 LONG: 0825345
OPERATOR: GRAY LEASE: #2 CITY OF MCRAE
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X
DEPTH OF WELL (FT.) 544
ELEVATION OF DERRICK FLOOR (FT.) 250
ELEVATION OF GROUND LEVEL (FT.) 250

STATE GEOLOGICAL SURVEY WELL NUMBER: 507

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER					
POST-MIOCENE			UPPER CONFINING UNIT, LS SYSTEM	+250	208
MIocene	+250	208	LIMESTONE AQUIFER SYSTEM:		
OLIGOCENE	+42	84	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+42	>336
LATE EOCENE	-42	244			
MIDDLE EOCENE	-286	>8	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I		
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM		
			LOCAL LOW-PERMEABILITY UNIT(S)		
			1		
			2		
			3		

RECORD NUMBER: 1327301 COUNTY: TERRELL LOCAL WELL NUMBER: GA-TER1 LAT: 0314315 LONG: 0842100
OPERATOR: LAYNE LEASE: #2 CITY OF SASSER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
ELEVATION OF DERRICK FLOOR (FT.) 314
ELEVATION OF GROUND LEVEL (FT.) 314
DEPTH OF WELL (FT.) 115

STATE GEOLOGICAL SURVEY WELL NUMBER: 475

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
------	--------------------------------------	-----------------	------	--------------------------------------	-----------------

POST-MIOCENE	+314	90	SURFICAL AQUIFER	+314	90
--------------	------	----	------------------	------	----

MIocene

UPPER CONFINING UNIT, LS SYSTEM

OLIGOCENE

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

15

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

+224

+224

15

MIDDLE EOCENE

>10

SUB-REGIONAL LOW-PERM. UNITS:

EARLY EOCENE

PALEOCENE

CRETACEOUS

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOLLOER ZONE

BASE OF SYSTEM

+209

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1327501 COUNTY: THOMAS LOCAL WELL NUMBER: GA-TH01 LAT: 0304711 LONG: 0835744

OPERATOR: DURHAM LEASE: #1 SEDGEWICK

SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL (FT.)

SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG 279 266 2050

STATE GEOLOGICAL SURVEY WELL NUMBER: 3114

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE			SURFICAL AQUIFER		
MIOCENE			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	A-43	>381	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
MIDDLE EOCENE	-424	817	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1241	431	I		
PALEOCENE	-1692	425	II		
CRETACEOUS	-2117		III	-555	464
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
				-1019	222
			BOULDER ZONE		
			BASE OF SYSTEM		
				-1241	
			LOCAL LOW-PERMEABILITY UNIT(S)		
					1
					2
					3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

STATE GEOLOGICAL SURVEY WELL NUMBER: 3186

HYDROLOGIC UNITS

NO.	DATE	DESCRIPTION	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
1	10/1/58	1st Unit	10.0	1.0
2	10/1/58	2nd Unit	11.0	1.0
3	10/1/58	3rd Unit	12.0	1.0
4	10/1/58	4th Unit	13.0	1.0
5	10/1/58	5th Unit	14.0	1.0
6	10/1/58	6th Unit	15.0	1.0
7	10/1/58	7th Unit	16.0	1.0
8	10/1/58	8th Unit	17.0	1.0
9	10/1/58	9th Unit	18.0	1.0
10	10/1/58	10th Unit	19.0	1.0
11	10/1/58	11th Unit	20.0	1.0
12	10/1/58	12th Unit	21.0	1.0
13	10/1/58	13th Unit	22.0	1.0
14	10/1/58	14th Unit	23.0	1.0
15	10/1/58	15th Unit	24.0	1.0
16	10/1/58	16th Unit	25.0	1.0
17	10/1/58	17th Unit	26.0	1.0
18	10/1/58	18th Unit	27.0	1.0
19	10/1/58	19th Unit	28.0	1.0
20	10/1/58	20th Unit	29.0	1.0
21	10/1/58	21st Unit	30.0	1.0
22	10/1/58	22nd Unit	31.0	1.0
23	10/1/58	23rd Unit	32.0	1.0
24	10/1/58	24th Unit	33.0	1.0
25	10/1/58	25th Unit	34.0	1.0
26	10/1/58	26th Unit	35.0	1.0
27	10/1/58	27th Unit	36.0	1.0
28	10/1/58	28th Unit	37.0	1.0
29	10/1/58	29th Unit	38.0	1.0
30	10/1/58	30th Unit	39.0	1.0
31	10/1/58	31st Unit	40.0	1.0
32	10/1/58	32nd Unit	41.0	1.0
33	10/1/58	33rd Unit	42.0	1.0
34	10/1/58	34th Unit	43.0	1.0
35	10/1/58	35th Unit	44.0	1.0
36	10/1/58	36th Unit	45.0	1.0
37	10/1/58	37th Unit	46.0	1.0
38	10/1/58	38th Unit	47.0	1.0
39	10/1/58	39th Unit	48.0	1.0
40	10/1/58	40th Unit	49.0	1.0
41	10/1/58	41st Unit	50.0	1.0
42	10/1/58	42nd Unit	51.0	1.0
43	10/1/58	43rd Unit	52.0	1.0
44	10/1/58	44th Unit	53.0	1.0
45	10/1/58	45th Unit	54.0	1.0
46	10/1/58	46th Unit	55.0	1.0
47	10/1/58	47th Unit	56.0	1.0
48	10/1/58	48th Unit	57.0	1.0
49	10/1/58	49th Unit	58.0	1.0
50	10/1/58	50th Unit	59.0	1.0
51	10/1/58	51st Unit	60.0	1.0
52	10/1/58	52nd Unit	61.0	1.0
53	10/1/58	53rd Unit	62.0	1.0
54	10/1/58	54th Unit	63.0	1.0
55	10/1/58	55th Unit	64.0	1.0
56	10/1/58	56th Unit	65.0	1.0
57	10/1/58	57th Unit	66.0	1.0
58	10/1/58	58th Unit	67.0	1.0
59	10/1/58	59th Unit	68.0	1.0
60	10/1/58	60th Unit	69.0	1.0
61	10/1/58	61st Unit	70.0	1.0
62	10/1/58	62nd Unit	71.0	1.0
63	10/1/58	63rd Unit	72.0	1.0
64	10/1/58	64th Unit	73.0	1.0
65	10/1/58	65th Unit	74.0	1.0
66	10/1/58	66th Unit	75.0	1.0
67	10/1/58	67th Unit	76.0	1.0
68	10/1/58	68th Unit	77.0	1.0
69	10/1/58	69th Unit	78.0	1.0
70	10/1/58	70th Unit	79.0	1.0
71	10/1/58	71st Unit	80.0	1.0

SUB-REGIONAL LCH-PERM. UNIT:

I

.....

CRETACEOUS

BOULDER ZONE

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

M

RECORD NUMBER: 1327503 COUNTY: THOMAS LOCAL WELL NUMBER: GA-TH03 LAT: 0310040 LONG: 0835200

OPERATOR: RCWE LEASE: CITY OF COOLIDGE

SECTION TOWN- DATA AVAILABLE

SHIP RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)

252 252 376

STATE GEOLOGICAL SURVEY WELL NUMBER: 925

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+252	40
MIOCENE	+212	280
OLIGOCENE	-56	>68
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+252	40
UPPER CONFINING UNIT, LS SYSTEM	+212	268
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I	-56	>68
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1327504 COUNTY: THOMAS LOCAL WELL NUMBER: GA-TM04 LAT: 0305910 LONG: 0840435
OPERATOR: WATSON LEASE: FULLERS EARTH PRODUCT
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
SHIP DATA AVAILABLE
DEPTH OF WELL (FT.) 445
ELEVATION OF DERRICK FLOOR (FT.) 23C

STATE GEOLOGICAL SURVEY WELL NUMBER: 1343

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+230	36
MIOCENE	+194	>409
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+230	116
UPPER CONFINING UNIT, LS SYSTEM	+114	>329

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1327506 COUNTY: THOMAS LOCAL WELL NUMBER: GA-TH06
OPERATOR: U.S. GYPSUM LEASE: CORE HOLE 76-09
SECTION TOWN-- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP X DATA AVAILABLE

LAT: 0305921 LONG: 0834832
ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
238
1206

STATE GEOLOGICAL SURVEY WELL NUMBER: 3207

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+238	25
MIOCENE	+213	105
OLIGOCENE	+108	126
LATE EOCENE	-18	404
MIDDLE EOCENE	-422	>784
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+238	25
UPPER CONFINING UNIT, LS SYSTEM	+213	105
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+108	530
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-422	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 1327507 COUNTY: THOMAS LOCAL WELL NUMBER: GA-TH07 LAT: 0305529 LONG: 0835816
OPERATOR: LEASE: BUTLER FARM
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
DEPTH OF WELL (FT.) 325
ELEVATION OF DERRICK FLOOR (FT.) 205
ELEVATION OF GROUND LEVEL (FT.) 205

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +205 22
MIOCENE +183 256
OLIGOCENE -73 >47
LATE EOCENE
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +205 22
UPPER CONFINING UNIT, LS SYSTEM +183 256
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -73 >47
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

Boulder Zone

Base of System

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1327508 COUNTY: THOMAS LOCAL WELL NUMBER: GA-TH08 LAT: 0304839 LONG: 0834523
OPERATOR: U.S. GYPSUM LEASE: CORE HOLE #76-1
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

STATE GEOLOGICAL SURVEY WELL NUMBER: 3188

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE

MIocene +130 >92

OLIGOCENE +38 110

LATE EOCENE -72 >632

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM +130 >92

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE +38 563
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNITS:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

-525

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1327701 COUNTY: TIFT LOCAL WELL NUMBER: GA-TF-1 LAT: 0312500 LONG: 0832925
OPERATOR: LAYNE LEASE: TIFT CO DEVELOPMENT A
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X X

STATE GEOLOGICAL SURVEY WELL NUMBER: 1471

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +352 22
MIOCENE +330 390
OLIGOCENE -60 112
LATE EOCENE -172 >86
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +352 130
UPPER CONFINING UNIT, LS SYSTEM +222 282
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE -60 >198
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1327702

COUNTY: TIFT

LOCAL WELL NUMBER: GA-TF-2

LAT: 0312015 LONG: 0833520

OPERATOR:

LEASE: #2 CITY OF OCEGA

SECTION TOWN-
SHIP RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
DATA AVAILABLE
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
320
705

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT
ELEVATION OF TOP OF UNIT (FT.)
(MSL)
THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE

LATE EOCENE

MIDDLE EOCENE

EARLY EOCENE

PALEOCENE

CRETACEOUS

-40

-92

52

>293

HYDROLOGIC UNITS

UNIT
ELEVATION OF TOP OF UNIT (FT.)
(MSL)
THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

-40

>345

SUB-REGIONAL LOW-PERM. UNIT:

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1327901 COUNTY: TOOMBS LOCAL WELL NUMBER: GA-TO-1 LAT: 0320849 LONG: 0822157
OPERATOR: TROPIC LEASE: #1 GIBSON
SECTION TOWN-SHIP RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X
ELEVATION OF DERRICK FLOOR (FT.) 215
ELEVATION OF GROUND LEVEL (FT.) 205
DEPTH OF WELL (FT.) 3680

STATE GEOLOGICAL SURVEY WELL NUMBER: 95

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A-170 -243 >73
OLIGOCENE -243 52
LATE EOCENE -295 224
MIDDLE EOCENE -519 436
EARLY EOCENE -955 350
PALEOCENE -1305 175
CRETACEOUS -1480

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-170 >73
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -243 446
SUB-REGIONAL LCH-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B,
BASIC WELL DATA

RECORD NUMBER: 1327902 COUNTY: TOOMBS LOCAL WELL NUMBER: GA-TO-2 LAT: 0321307 LONG: 0822434

OPERATOR: LEASE: CITY OF VIDALIA

SECTION TOWN- RANGE

SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LCG
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
280
459

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE

20

SURFICAL AQUIFER

20

MIocene

414

UPPER CONFINING UNIT, LS SYSTEM

414

OLIGOCENE

>25

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

-154

>25

MIDDLE EOCENE

EARLY EOCENE

SUB-REGIONAL LOW-PERM. UNIT:

PALEOCENE

CRETACEOUS

I

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 1328301

COUNTY: TREUTLEN

LOCAL WELL NUMBER: GA-TR-2

LAT: 0322145

LONG: 0822823

OPERATOR: MCCAIN-NICHOLS

LEASE: #1 JIM GILLIS, SR

SECTION TOWN-
SHIP RANGE

CUTTINGS CCRE PALEONTOLOGY

ELECTRIC LOG GAMMA LOG

DATA AVAILABLE

ELEVATION OF
DERRICK
FLOOR
(FT.)
349ELEVATION OF
GROUND
LEVEL
(FT.)
345DEPTH
OF
WELL
(FT.)
3169

STATE GEOLOGICAL SURVEY WELL NUMBER: 789

GEOLOGIC UNITS

UNIT
ELEVATION OF TOP
OF UNIT (FT.)
(MSL)

HYDROLOGIC UNITS

UNIT
ELEVATION OF TOP
OF UNIT (FT.)
(MSL)

POST-MIOCENE

+345

30

SURFICAL AQUIFER

+345

30

MIOCENE

+315

240

UPPER CONFINING UNIT, LS SYSTEM

+315

240

OLIGOCENE

+75

50

LIMESTONE AQUIFER SYSTEM:

LATE EOCENE

+25

80

UPPER MAJOR PERMEABLE ZONE

+75

260

MIDDLE EOCENE

-55

376

SUB-REGIONAL LOW-PERM. UNIT:

EARLY EOCENE

-431

180

I

PALEOCENE

-611

179

II

CRETACEOUS

-791

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

-185

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1329901 COUNTY: WARE LOCAL WELL NUMBER: GA-WA-1 LAT: 0311238 LONG: 0822140
OPERATOR: LAYNE LEASE: WAYCROSS, SALT-WATER
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X
ELEVATION OF DERRICK FLOOR (FT.) 121
ELEVATION OF GROUND LEVEL (FT.) 121
DEPTH OF WELL (FT.) 701

STATE GEOLOGICAL SURVEY WELL NUMBER: 366

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+121	36
MIOCENE	+85	434
OLIGOCENE	-349	74
LATE EOCENE	-423	>231
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+121	36
UPPER CONFINING UNIT, LS SYSTEM	+85	434
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-349	>305

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1329902 COUNTY: WARE LOCAL WELL NUMBER: GA-WA-2 LAT: 0310706 LONG : 0821551
OPERATOR: RCWE BROS. LEASE: USGS TEST WELL
SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR ELEVATION OF GROUND LEVEL DEPTH OF WELL
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG (FT.) (FT.) (FT.)
X X X X 150 1970

STATE GEOLOGICAL SURVEY WELL NUMBER: 3450

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+150	110	SURFICAL AQUIFER	+150	110
MIOCENE	+40	496	UPPER CONFINING UNIT, LS SYSTEM	+40	496
OLIGOCENE	-456	46	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-502	230	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-456	384
MIDDLE EOCENE	-732	1012	SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE	-1744	>76	I	-840	120
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-960	784
			BOULDER ZONE		
			BASE OF SYSTEM	-1744	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1330501 COUNTY: WAYNE LOCAL WELL NUMBER: GA-WAY2 LAT: 0312330 LONG: 0814831
OPERATOR: CALIFORNIA CO LEASE: #1 BRUNSWICK PENINSUL
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 52

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE	A-817	>5
MIDDLE EOCENE	-822	1069
EARLY EOCENE	-1891	230
PALEOCENE	-2121	175
CRETACEOUS	-2296	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	A-817	>150
SUB-REGIONAL LGW-PERM. UNIT:		
I	-967	180
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-1147	228
BOULDER ZONE		
BASE OF SYSTEM	-1375	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1330503 COUNTY: WAYNE LOCAL WELL NUMBER: GA-LAY7 LAT: 0312716 LONG: 0815253
OPERATOR: DAVIS LEASE: #1-C SCOTT-MEAD
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
SHIP DATA AVAILABLE
X

STATE GEOLOGICAL SURVEY WELL NUMBER: 3145

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	A-1187	>670
EARLY EOCENE	-1857	220
PALEOCENE	-2077	330
CRETACEOUS	-2407	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	A-1187	>75
BOULDER ZONE		
BASE OF SYSTEM	-1262	
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 1330504 COUNTY: WAYNE LOCAL WELL NUMBER: GA-WAY8 LAT: 0313123 LONG: 0814110
OPERATOR: HUMBLE LEASE: #1 UNION-CAMP
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
STATE GEOLOGICAL SURVEY WELL NUMBER: 651

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+49	60	SURFICAL AQUIFER	+49	60
MIocene	-11	414	UPPER CONFINING UNIT, LS SYSTEM	-11	414
OLIGOCENE			LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-425	322	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-425	470
MIDDLE EOCENE	-747	1033			
EARLY EOCENE	-1780	85	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-1865	230	I	-895	160
CRETACEOUS	-2095		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-1055	124
			BOULDER ZONE		
			BASE OF SYSTEM	-1179	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1330505 COUNTY: WAYNE LOCAL WELL NUMBER: GA-WAY9 LAT: 0314514 LONG: 0815801
OPERATOR: USGS LEASE: LLOYD ANDERSON
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+166	43
MIocene	+123	513
OLIGOCENE	-390	20
LATE EOCENE	-410	>148
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+166	43
UPPER CONFINING UNIT, LS SYSTEM	+123	513
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-390	>168

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

- 1
- 2
- 3

RECORD NUMBER: 1330506 COUNTY: WAYNE LOCAL WELL NUMBER: GAWAY10 LAT: 0313946 LONG: 0815043
OPERATOR: HUMBLE LEASE: #1 LEAPHART
SECTION TCWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
X X X 101 820

STATE GEOLOGICAL SURVEY WELL NUMBER: 3248

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+101	60
MIOCENE	+41	455
OLIGOCENE	-414	25
LATE EOCENE	-439	235
MIDDLE EOCENE	-674	>45
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+101	60
UPPER CONFINING UNIT, LS SYSTEM	+41	455
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-414	>305

SUB-REGIONAL LOW-PERM. UNIT:

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1330507 COUNTY: WAYNE LOCAL WELL NUMBER: GAWAY11 LAT: 0313348 LONG: 0820443
OPERATOR: HUMBLE LEASE: #1 HARRIS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
ELEVATION OF DERRICK FLOOR (FT.) 139
ELEVATION OF GROUND LEVEL (FT.) 139
DEPTH OF WELL (FT.) 964

STATE GEOLOGICAL SURVEY WELL NUMBER: 3352

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +139 53
MIOCENE +86 567
OLIGOCENE -481 35
LATE EOCENE -516 287
MIDDLE EOCENE -803 >22
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +139 53
UPPER CONFINING UNIT, LS SYSTEM +86 567
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -481 >344

SUB-REGIONAL LGW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1330508 COUNTY: WAYNE LOCAL WELL NUMBER: GAWAY12 LAT: 0312533 LONG: 0815448
OPERATOR: HUMBLE LEASE: #1 ROGERS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
X X 60 902

STATE GEOLOGICAL SURVEY WELL NUMBER: 3219

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
POST-MIOCENE	+60	SURFICAL AQUIFER	+60
MIOCENE	+5	UPPER CONFINING UNIT, LS SYSTEM	+5
OLIGOCENE	-565	LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	-640	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-565
MIDDLE EOCENE			
EARLY EOCENE		SUB-REGIONAL LOW-PERM. UNIT:	
PALEOCENE		I	
CRETACEOUS		II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	
		BOULDER ZONE	
		BASE OF SYSTEM	
		LOCAL LOW-PERMEABILITY UNIT(S)	

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1330509 COUNTY: WAYNE LOCAL WELL NUMBER: GAWAY13 LAT: 0312544 LONG: 0814055
OPERATOR: BRUNSWICK P&P LEASE: MT PLEASANT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAPNA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 60
ELEVATION OF GROUND LEVEL (FT.) 60
DEPTH OF WELL (FT.) 618

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +60 52
MIOCENE +8 496
OLIGOCENE -488 28
LATE EOCENE -516 >42
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +60 52
UPPER CONFINING UNIT, LS SYSTEM +8 496
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) -488 >70

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 133C901 COUNTY: WHEELER LOCAL WELL NUMBER: GA-WH-4 LAT: 0320237 LONG: 0823812
OPERATOR: SOUTHERN NG LEASE: #1 RONNIE TOWNS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 169
ELEVATION OF GROUND LEVEL (FT.) 157
DEPTH OF WELL (FT.) 4070

STATE GEOLOGICAL SURVEY WELL NUMBER: 3080

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIocene A+97 >195
OLIGOCENE -98 98
LATE EOCENE -196 213
MIDDLE EOCENE -409 607
EARLY EOCENE -1016 245
PALEOCENE -1261 278
CRETACEOUS -1539

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A+97 >195
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -98 633
SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM -731

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1331501 COUNTY: WILCOX LOCAL WELL NUMBER: GA-WX-1 LAT: 0315700 LONG: 0832705

OPERATOR: LEASE: CITY OF ROCHELLE

SECTION TOWN- RANGE

SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
365
330

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +365 22
MIOCENE +343 36
OLIGOCENE +307 74
LATE EOCENE +233 >198
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +365 22
UPPER CONFINING UNIT, LS SYSTEM +343 36
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) +307 >272

SUB-REGIONAL LOW-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 1331502 COUNTY: WILCOX LOCAL WELL NUMBER: GA-WX-2 LAT: 0315055 LONG: 0831240
 OPERATOR:
 LEASE: BOWENS MILL FISH MATC
 SECTION TCNN- RANGE DATA AVAILABLE
 SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 176
 ELEVATION OF GROUND LEVEL (FT.) 176
 DEPTH OF WELL (FT.) 642

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+176	42	SURFICAL AQUIFER	+176	48
MIocene			UPPER CONFINING UNIT, LS SYSTEM		
OLIGOCENE	+128	67	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+61	181	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+128	400
MIDDLE EOCENE	-120	256			
EARLY EOCENE	-376	>90	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	-272	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

**SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA**

RECORD NUMBER: 1332101
COUNTY: WORTH
LOCAL WELL NUMBER: GA-W0R2
LAT: 0313259
LONG : 0835240
OPERATOR: TYSON & DEAN
LEASE: W.-J. PATE
ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
SECTION TOWN- RANGE
DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X X X X
429 460

STATE GEOLOGICAL SURVEY WELL NUMBER: 1231

HYDROLOGIC UNITS

[illegible]

POST-MIOCENE	+429	68	SURFICAL AQUIFER	+429	120
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WIGCENE	+361	140	UPPER CONFINING UNIT, LS SYSTEM	+309	88
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OLIGOCENE +221 68 Limestone Aquifer System:

LATE EOCENE	+153	100	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+221	168
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SUB-REGIONAL LOW-PERM. UNIT:

1

PALEOCENE

CRETACEOUS

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM +53

LOCAL LOW-PERMEABILITY UNIT(S)

7

2

3

RECORD NUMBER: 1332102 COUNTY: WORTH LOCAL WELL NUMBER: GA-WOR3 LAT: 0313525 LONG: 0835040
OPERATOR: LEASE: M.A. JAMES
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 412
ELEVATION OF GROUND LEVEL (FT.) 412
DEPTH OF WELL (FT.) 402

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS			HYDROLOGIC UNITS		
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+412	30	SURFICAL AQUIFER	+412	110
MIOCENE	+382	198	UPPER CONFINING UNIT, LS SYSTEM	+302	118
OLIGOCENE	+184	80	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	+104	78	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+184	158
MIDDLE EOCENE	+26	>16			
EARLY EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE			I		
CRETACEOUS			II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE		
			BOULDER ZONE		
			BASE OF SYSTEM	+26	
			LOCAL LOW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1332103 COUNTY: WORTH LOCAL WELL NUMBER: GA-WOR4 LAT: 0312240 LONG: 0834700
OPERATOR: LAYNE LEASE: WARRIOR CATTLE FARMS
SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK ELEVATION OF GROUND DEPTH
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG FLOOR LEVEL OF WELL
X (FT.) (FT.) (FT.)
360 802

STATE GEOLOGICAL SURVEY WELL NUMBER: 611

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE		
MIocene		
OLIGOCENE	+108	233
LATE EOCENE	-125	256
MIDDLE EOCENE	-381	>61
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+108	489
SUB-REGIONAL LCH-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM	-381	
LOCAL LOW-PERMEABILITY UNIT(S)		

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 1332104 COUNTY: WORTH LOCAL WELL NUMBER: GA-WORS LAT: 0312700 LONG: 0835232
OPERATOR: LEASE: WARREN YOUNG
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMPA LCG X
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
400 400 454

STATE GEOLOGICAL SURVEY WELL NUMBER:

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

POST-MIOCENE +400 78
MIOCENE +322 125
OLIGOCENE +197 65
LATE EOCENE +132 >186
MIDDLE EOCENE
EARLY EOCENE
PALEOCENE
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)
(MSL)

SURFICAL AQUIFER +400 78
UPPER CONFINING UNIT, LS SYSTEM +322 125
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) +197 >251

SUB-REGIONAL LCN-PERM. UNIT:

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4500501 COUNTY: ALLENDALE LOCAL WELL NUMBER: SC-AL-2 LAT: 0330214 LONG: 0811715

OPERATOR: LEASE: CITY OF ALLENDALE

SECTION TOWN- RANGE DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.) 192
ELEVATION OF GROUND LEVEL (FT.) 192
DEPTH OF WELL (FT.) 1318

STATE GEOLOGICAL SURVEY WELL NUMBER: AL-30

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-TMIOCENE	+192	7
MIocene		
OLIGOCENE		
LATE EOCENE	+185	39
MIDDLE EOCENE	+146	214
EARLY EOCENE	-68	44
PALEOCENE	-112	352
CRETACEOUS	-464	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER		
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I		
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE		
BOULDER ZONE		
BASE OF SYSTEM		
LOCAL LOW-PERMEABILITY UNIT(S)		
1		
2		
3		

RECORD NUMBER: 4500502 COUNTY: ALLENDALE LOCAL WELL NUMBER: SC-AL-3 LAT: 0324559 LONG: 0812213

OPERATOR:

LEASE: GROGAN PLANTATION

ELEVATION OF DERRICK FLOOR (FT.)

ELEVATION OF GROUND LEVEL (FT.)

DEPTH OF WELL (FT.)

SECTION TOWN-RANGE
SHIP

DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X X

60 763

STATE GEOLOGICAL SURVEY WELL NUMBER: AL-47

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +60 18
MIOCENE +42 10
OLIGOCENE +32 20
LATE EOCENE +12 58
MIDDLE EOCENE -46 327
EARLY EOCENE -373 23
PALEOCENE -396 234
CRETACEOUS -630

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +60 18
UPPER CONFINING UNIT, LS SYSTEM +42 30
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) +12 58

SUB-REGIONAL LCM-PERM. UNITS:

I -46 312
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -358 14
BOULDER ZONE
BASE OF SYSTEM -373
LOCAL LOW-PERMEABILITY UNIT(S)

1 -4 18
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4500901 COUNTY: BARBERG LOCAL WELL NUMBER: SC-8AM1 LAT: 0330413 LONG: 0810045

OPERATOR: LEASE: EHRHARDT

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
150
150
400

STATE GEOLOGICAL SURVEY WELL NUMBER: 8AM-26

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+150	36
MIocene		
OLIGOCENE		
LATE EOCENE		
MIDDLE EOCENE	+114	186
EARLY EOCENE	-72	55
PALEOCENE	-127	>123
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+150	36
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I	+114	110
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -224 6

BOULDER ZONE

BASE OF SYSTEM -230

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4501301 COUNTY: BEAUFORT LOCAL WELL NUMBER: SC-BEA1 LAT: 0320846 LONG: 08C5022
OPERATOR: USGS LEASE: TEST WELL 3
SECTION TOWN-SHIP RANGE DATA AVAILABLE
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: 8FT-304

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

MIOCENE

OLIGOCENE A-122 >37

LATE EOCENE -159 356

MIDDLE EOCENE -515 >218

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM A-122 >5

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -127 508

SUB-REGIONAL LCN-PERM. UNIT:

I -635 >98

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4501302 COUNTY: BEAUFORT LOCAL WELL NUMBER: SC-BEA2 LAT: 0321446 LONG: 08C4405

OPERATOR: LEASE: MILTON HEAD

SECTION TOWN- RANGE DATA AVAILABLE ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X X 7 3118

STATE GEOLOGICAL SURVEY WELL NUMBER: BFT-454

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +7 44
MIOCENE -37 28
OLIGOCENE -65 16
LATE EOCENE -81 428
MIDDLE EOCENE -509 498
EARLY EOCENE -1007 86
PALEOCENE -1093 458
CRETACEOUS -1351

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +7 44
UPPER CONFINING UNIT, LS SYSTEM -37 28
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM) -65 590
SUB-REGIONAL LOW-PERM. UNIT:
I -655 220
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE -875 90
BOULDER ZONE
BASE OF SYSTEM -965
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 4501303 COUNTY: BEAUFORT LOCAL WELL NUMBER: SC-8EA3 LAT: 0321939 LONG : 08C2742

OPERATOR: LAYNE LEASE: #1 FRIPP ISLAND

SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DEPTH OF WELL (FT.)
SHIP DATA AVAILABLE X X 7 3167

STATE GEOLOGICAL SURVEY WELL NUMBER: BFT-457

GEOLOGIC UNITS

HYCROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+7	32	SURFICAL AQUIFER	+7	32
MIocene	-25	64	UPPER CONFINING UNIT, LS SYSTEM	-25	64
OLIGOCENE	-89	20	LIMESTONE AQUIFER SYSTEM:		
LATE ECCENE	-109	360	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-89	104
MIDDLE EOCENE	-469	339			
EARLY ECCENE	-808	75	SUB-REGIONAL LOW-PERM. UNIT:		
PALEOCENE	-883	547	I	-193	617
CRETACEOUS	-1430		II		
			III		
			IV		
			V		
			VI		
			VII		
			VIII		
			LOWER MAJOR PERMEABLE ZONE	-810	43
			BOULDER ZONE		
			BASE OF SYSTEM	-853	
			LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4501304

COUNTY: BEAUFORT

LOCAL WELL NUMBER: SC-8EA4

LAT: 0322931 LONG: 0804113

OPERATOR:

LEASE: BRICKYARD POINT

SECTION TOWN-
SHIP RANGE

DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
8
824

STATE GEOLOGICAL SURVEY WELL NUMBER: BFT-813

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE

+8

28

MIOCENE

OLIGOCENE

-20

36

LATE EOCENE

-56

242

MIDDLE EOCENE

-298

>518

EARLY EOCENE

PALEOCENE

CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICIAL AQUIFER

+8

28

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

-20

110

SUB-REGIONAL LOW-PERM. UNIT:

I

-130

658

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE

-778

>38

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 4501901 COUNTY: CHARLESTON LOCAL WELL NUMBER: SC-CHN1 LAT: 0324958 LONG: 0800255
OPERATOR: SYDNOR LEASE: IRON GATE DEVELOPMENT
SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG DATA AVAILABLE
SHIP X

STATE GEOLOGICAL SURVEY WELL NUMBER: CHN-172

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)
POST-MIOCENE		SURFICAL AQUIFER	
MIocene		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE	A-26	LIMESTONE AQUIFER SYSTEM:	
LATE EOCENE	-126	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	
MIDDLE EOCENE	-178		
EARLY EOCENE	-422	SUB-REGIONAL LCM-PERM. UNIT:	
PALEOCENE	-478	I	A-26
CRETACEOUS	-880	II	
		III	
		IV	
		V	
		VI	
		VII	
		VIII	
		LOWER MAJOR PERMEABLE ZONE	-390
		BOULDER ZONE	
		BASE OF SYSTEM	-422
		LOCAL LOW-PERMEABILITY UNIT(S)	

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4501902

COUNTY: CHARLESTON

LOCAL WELL NUMBER: SC-CHN2

LAT: 0323530 LONG: 0800830

OPERATOR:

LEASE: SEABROOK DEV. CORP.

SECTION TOWN- RANGE
SHIP

CUTTINGS CORE PALEONTOLOGY

ELECTRIC LOG GAMMA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
3
2704

STATE GEOLOGICAL SURVEY WELL NUMBER: CHN-174

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +3 42
MIOCENE -39 18
OLIGOCENE -57 120
LATE EOCENE -177 144
MIDDLE EOCENE -321 288
EARLY EOCENE -609 36
PALEOCENE -645 410
CRETACEOUS -1055

SURFICAL AQUIFER +3 42
UPPER CONFINING UNIT, LS SYSTEM -39 18
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:
I -57 538
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -595 14
BOULDER ZONE
BASE OF SYSTEM -609
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 4501903 COUNTY: CHARLESTON LOCAL WELL NUMBER: SC-CHN3 LAT: 0324703 LONG: 0795635

OPERATOR: LEASE: CHN. MEDICAL CENTER

SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
2078

STATE GEOLOGICAL SURVEY WELL NUMBER: CHN-178

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +15 66
MIOCENE
OLIGOCENE -51 110
LATE EOCENE -161 34
MIDDLE EOCENE -195 162
EARLY EOCENE -357 38
PALEOCENE -395 320
CRETACEOUS -715

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +15 66

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I -51 293

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -344 13

BOULDER ZONE

BASE OF SYSTEM -357

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4501904 COUNTY: CHARLESTON LOCAL WELL NUMBER: SC-CHN4 LAT: 0325233 LONG: 0794558
OPERATOR: LEASE: MORGAN POINT
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS X

STATE GEOLOGICAL SURVEY WELL NUMBER: CHN-183

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+30	54
MIocene		
OLIGOCENE	-24	28
LATE EOCENE	-52	46
MIDDLE EOCENE	-98	156
EARLY EOCENE	-254	20
PALEOCENE	-274	326
CRETACEOUS	-600	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+30	54
UPPER CONFINING UNIT, LS SYSTEM		
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I	-24	214
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-238	16
BOULDER ZONE		
BASE OF SYSTEM	-254	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
2
3

RECORD NUMBER: 4502901 COUNTY: COLLETON LOCAL WELL NUMBER: SC-COL1 LAT: 0325447 LONG: 08C3846
 OPERATOR: LEASE: WALTER8CRO
 SECTION TOWN- RANGE DATA AVAILABLE
 SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: CGL-50

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
POST-MIOCENE	+70	26
MIOCENE	+44	74
OLIGOCENE	-30	22
LATE EOCENE	-52	116
MIDDLE EOCENE	-168	226
EARLY EOCENE	-394	22
PALEOCENE	-416	502
CRETACEOUS	-918	

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
SURFICAL AQUIFER	+70	26
UPPER CONFINING UNIT, LS SYSTEM	+44	74
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		
SUB-REGIONAL LOW-PERM. UNIT:		
I	-30	344
II		
III		
IV		
V		
VI		
VII		
VIII		
LOWER MAJOR PERMEABLE ZONE	-374	60
BOULDER ZONE		
BASE OF SYSTEM	-434	
LOCAL LOW-PERMEABILITY UNIT(S)		

1
 2
 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4502902 COUNTY: COLLETON LOCAL WELL NUMBER: SC-COL2 LAT: 0325946 LONG: 0802728
OPERATOR: LEASE: ACKERMAN FARMS
SECTION TOWN- RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG
ELEVATION OF DERRICK FLOOR (FT.) ELEVATION OF GROUND LEVEL (FT.) DEPTH OF WELL (FT.)
50 1220

STATE GEOLOGICAL SURVEY WELL NUMBER: CCL-53

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +50 12
MIOCENE +38 14
OLIGOCENE +24 42
LATE EOCENE -18 86
MIDDLE EOCENE -104 186
EARLY EOCENE -290 136
PALEOCENE -326 476
CRETACEOUS -802

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER
UPPER CONFINING UNIT, LS SYSTEM
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:
I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE
BOULDER ZONE
BASE OF SYSTEM
LOCAL LGW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 4502903 COUNTY: COLLETON LOCAL WELL NUMBER: SC-COL3 LAT: 0325219 LONG: 0805408
OPERATOR: LEASE: MARTIN
SECTION TOWN-RANGE DATA AVAILABLE
SHIP PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X

STATE GEOLOGICAL SURVEY WELL NUMBER: COL-56

GEOLOGIC UNITS
ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
UNIT

POST-MIOCENE +65 22 SURFICIAL AQUIFER +65 22
MIOCENE +43 16 UPPER CONFINING UNIT, LS SYSTEM +43 16
OLIGOCENE +27 27 LIMESTONE AQUIFER SYSTEM:
LATE EOCENE 0 110 UPPER MAJOR PERMEABLE ZONE
MIDDLE EOCENE -110 257 (TOP OF SYSTEM)
EARLY EOCENE -367 38 SUB-REGIONAL LOW-PERM. UNIT:
PALEOCENE -405 >249 I +27 331
CRETACEOUS II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE -358 9
BOULDER ZONE
BASE OF SYSTEM -367
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4502904

COUNTY: COLLETON

LOCAL WELL NUMBER: SC-COL4

LAT: 0324247 LONG: 08C4106

OPERATOR:

LEASE: BEAUFORT ETV

SECTION TOWN-
SHIP RANGE

DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAPHA LOG
X X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
25
595

STATE GEOLOGICAL SURVEY WELL NUMBER: COL-60

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE +25 32
MIOCENE -7 36
OLIGOCENE -43 33
LATE EOCENE -76 163
MIDDLE EOCENE -239 262
EARLY EOCENE -501 50
PALEOCENE -551 >19
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER +25 32
UPPER CONFINING UNIT, LS SYSTEM -7 36
LIMESTONE AQUIFER SYSTEM:
UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM)
SUB-REGIONAL LOW-PERM. UNIT:
I -43 428
II
III
IV
V
VI
VII
VIII
LOWER MAJOR PERMEABLE ZONE -471 30
BOULDER ZONE
BASE OF SYSTEM -501
LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 4502905 COUNTY: COLLETON LOCAL WELL NUMBER: COL-5 LAT: 0324411 LONG: 0802709
OPERATOR: LEASE: EDISTO BOAT RAMP
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
X

STATE GEOLOGICAL SURVEY WELL NUMBER: COL-96

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
------	-----------------------------------	--------------------

POST-MIOCENE	+3	24
MIOCENE	-21	27
OLIGOCENE	-48	27
LATE EOCENE	-75	205
MIDDLE EOCENE	-277	>219
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.)	THICKNESS (FT.)
------	-----------------------------------	--------------------

SURFICAL AQUIFER	+3	24
UPPER CONFINING UNIT, LS SYSTEM	-21	27
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)		

SUB-REGIONAL LOW-PERM. UNIT:

I	-48	>470
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4503501 COUNTY: CORCHMESTER LOCAL WELL NUMBER: SC-COR2 LAT: 0325315 LONG: 0802125

OPERATOR: USGS LEASE: #1 CLUBHOUSE CROSSRCS

SECTION TOWN- RANGE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
SHIP DATA AVAILABLE X

ELEVATION OF DERRICK FLOOR (FT.) 20
ELEVATION OF GROUND LEVEL (FT.) 20
DEPTH OF WELL (FT.) 2599

STATE GEOLOGICAL SURVEY WELL NUMBER: DOR-37

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +20 16
MIOCENE
OLIGOCENE +4 166
LATE EOCENE -162 49
MIDDLE EOCENE -211 185
EARLY EOCENE -396 22
PALEOCENE -418 362
CRETACEOUS -780

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +20 16

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)

SUB-REGIONAL LOW-PERM. UNIT:

I +4 359

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -355 41

BOULDER ZONE

BASE OF SYSTEM -396

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 4503502 COUNTY: DORCHESTER LOCAL WELL NUMBER: SC-DORS LAT: 0325650 LONG: 08C1635
 OPERATOR: USGS LEASE: #2 CLUBHOUSE CRCSRDS
 SECTION TOWN-SHIP RANGE DATA AVAILABLE
 CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
 ELEVATION OF DERRICK FLOOR (FT.) 19
 ELEVATION OF GROUND LEVEL (FT.) 19
 DEPTH OF WELL (FT.) 2367

STATE GEOLOGICAL SURVEY WELL NUMBER: DOR-38

GEOLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

POST-MIOCENE +19 8
 MIOCENE +11 14
 OLIGOCENE -3 148
 LATE EOCENE -151 42
 MIDDLE EOCENE -193 182
 EARLY EOCENE -375 10
 PALEOCENE -385 360
 CRETACEOUS -745

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP OF UNIT (FT.) THICKNESS (FT.)

SURFICAL AQUIFER +19 8
 UPPER CONFINING UNIT, LS SYSTEM +11 14
 LIMESTONE AQUIFER SYSTEM:
 UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)
 SUB-REGIONAL LOW-PERM. UNIT:
 I -3 340
 II
 III
 IV
 V
 VI
 VII
 VIII
 LOWER MAJOR PERMEABLE ZONE -343 32
 BOULDER ZONE
 BASE OF SYSTEM -375
 LOCAL LOW-PERMEABILITY UNIT(S)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4504901 COUNTY: HAMPTON LCCAL WELL NUMBER: SC-HAM1 LAT: 0324113 LONG: 0812302
OPERATOR: LEASE: J. M. BOGTICK
SECTION TOWN- RANGE DATA AVAILABLE
SHIP CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
ELEVATION OF DERRICK FLOOR (FT.) 80
ELEVATION OF GROUND LEVEL (FT.) 730
DEPTH OF WELL (FT.) 730

STATE GEOLOGICAL SURVEY WELL NUMBER: HAM-34

GEOLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

POST-MIOCENE
MIOCENE
OLIGOCENE
LATE EOCENE A-10 >170
MIDDLE EOCENE -180 386
EARLY EOCENE -566 44
PALEOCENE -610 >40
CRETACEOUS

HYDROLOGIC UNITS

UNIT ELEVATION OF TOP THICKNESS
OF UNIT (FT.) (FT.)
(MSL)

SURFICAL AQUIFER

UPPER CONFINING UNIT, LS SYSTEM

LIMESTONE AQUIFER SYSTEM:

UPPER MAJOR PERMEABLE ZONE
(TOP OF SYSTEM) A-10 68

SUB-REGIONAL LGW-PERM. UNIT:

I -78 472

II

III

IV

V

VI

VII

VIII

LOWER MAJOR PERMEABLE ZONE -550 16

BOULDER ZONE

BASE OF SYSTEM -566

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3

RECORD NUMBER: 4504902 COUNTY: HAMPTON LOCAL WELL NUMBER: SC-HAM2 LAT: 0325231 LONG: 0810634
OPERATOR: LEASE: WESTINGHOUSE
SECTION TOWN-SHIP RANGE DATA AVAILABLE CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG X
DEPTH OF WELL (FT.): 1468
ELEVATION OF DERRICK FLOOR (FT.): 105
ELEVATION OF GROUND LEVEL (FT.): 105

STATE GEOLOGICAL SURVEY WELL NUMBER: HAM-38

GEOLOGIC UNITS		HYDROLOGIC UNITS	
UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)

POST-MIOCENE		SURFICIAL AQUIFER	
MIOCENE		UPPER CONFINING UNIT, LS SYSTEM	
OLIGOCENE	A+68		A+68
LATE EOCENE	+40	LIMESTONE AQUIFER SYSTEM:	
MIDDLE EOCENE	-63	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	+40
EARLY EOCENE	-317	SUB-REGIONAL LOW-PERM. UNIT:	
PALEOCENE	-371	I	+23
CRETACEOUS	-735	II	268
		III	
		IV	
		V	
		VI	
		VII	
		VIII	

LOWER MAJOR PERMEABLE ZONE	-291	26
BOULDER ZONE		
BASE OF SYSTEM	-317	
LOCAL LGW-PERMEABILITY UNIT(S)		

- 1
- 2
- 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4504903

COUNTY: HAMPTON

LOCAL WELL NUMBER: SC-HAM3

LAT: 0324744 LONG: 0805711

OPERATOR:

LEASE: MIXON

SECTION TOWN-
SHIP RANGE

DATA AVAILABLE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
85
767

STATE GEOLOGICAL SURVEY WELL NUMBER: HAM-68

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+85	42
MIocene	+43	50
OLIGOCENE		
LATE EOCENE	-7	182
MIDDLE EOCENE	-189	304
EARLY EOCENE	-493	34
PALEOCENE	-527	>135
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICIAL AQUIFER	+85	42
UPPER CONFINING UNIT, LS SYSTEM	+43	50
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-7	16
SUB-REGIONAL LOW-PERM. UNIT:		
I	-23	441
II		
III		
IV		
V		
VI		
VII		
VIII		

LOWER MAJOR PERMEABLE ZONE -464 29

BOULDER ZONE

BASE OF SYSTEM -493

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

RECORD NUMBER: 4503301

COUNTY: JASPER

LOCAL WELL NUMBER: SC-JAS1

LAT: 0323117 LONG: 08C5209

OPERATOR:

LEASE: DAVID MALPHUS

SECTION TOWN-
SHIP RANGE

DATA AVAILABLE

CUTTINGS CCRE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
XELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
1C
198

STATE GEOLOGICAL SURVEY WELL NUMBER: JAS-154

GEOLOGIC UNITS

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)	UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+10	43	SURFICAL AQUIFER	+10	43
MIocene	-33	40	UPPER CONFINING UNIT, LS SYSTEM	-33	72
OLIGOCENE	-73	32	LIMESTONE AQUIFER SYSTEM:		
LATE EOCENE	-105	>83	UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-105	46
MIDDLE EOCENE			SUB-REGIONAL LOW-PERM. UNIT:		
EARLY EOCENE			I	-151	>37
PALEOCENE			II		
CRETACEOUS			III		
			IV		
			V		
			VI		
			VII		
			VIII		

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1

2

3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUPPLEMENT TO
PROFESSIONAL PAPER 1403-B
BASIC WELL DATA

RECORD NUMBER: 4505302 COUNTY: JASPER LOCAL WELL NUMBER: SC-JAS2 LAT: 0322304 LONG: 0810715

OPERATOR: LEASE: MCLAURIE

SECTION TOWN- RANGE

CUTTINGS CORE PALEONTOLOGY ELECTRIC LOG GAMMA LOG
DATA AVAILABLE
X

ELEVATION OF DERRICK FLOOR (FT.)
ELEVATION OF GROUND LEVEL (FT.)
DEPTH OF WELL (FT.)
20
180

STATE GEOLOGICAL SURVEY WELL NUMBER: JAS-169

GEOLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
POST-MIOCENE	+20	35
MIocene	-15	95
OLIGOCENE	-110	24
LATE EOCENE	-134	>36
MIDDLE EOCENE		
EARLY EOCENE		
PALEOCENE		
CRETACEOUS		

HYDROLOGIC UNITS

UNIT	ELEVATION OF TOP OF UNIT (FT.) (MSL)	THICKNESS (FT.)
SURFICAL AQUIFER	+20	35
UPPER CONFINING UNIT, LS SYSTEM	-15	119
LIMESTONE AQUIFER SYSTEM:		
UPPER MAJOR PERMEABLE ZONE (TOP OF SYSTEM)	-134	>36
SUB-REGIONAL LCN-PERM. UNIT:		

I
II
III
IV
V
VI
VII
VIII

LOWER MAJOR PERMEABLE ZONE

BOULDER ZONE

BASE OF SYSTEM

LOCAL LOW-PERMEABILITY UNIT(S)

1
2
3