

RECORDS OF WELLS, DRILLERS' LOGS, WATER-LEVEL MEASUREMENTS, AND CHEMICAL ANALYSES OF GROUND WATER IN CHAMBERS, LIBERTY, AND MONTGOMERY COUNTIES, TEXAS, 1985-89

By Glenn L. Locke

U.S. GEOLOGICAL SURVEY
Open-File Report 90-594



Prepared in cooperation with the
CITY OF HOUSTON
and the
HARRIS-GALVESTON COASTAL SUBSIDENCE DISTRICT

Austin, Texas
1991

U.S. DEPARTMENT OF THE INTERIOR

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CONVERSION FACTORS

Multiply	By	To obtain
inch	25.4	millimeter
foot	0.3048	meter
gallon per minute	0.06308	liter per second
	0.003785	cubic meter per minute

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

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ABSTRACT

Data for water wells and ground water in Chambers, Liberty, and Montgomery Counties were collected during 1985-89 by the U.S. Geological Survey. This report presents a compilation of records for 4 wells in Chambers County, 8 wells in Liberty County, and 64 wells in Montgomery County. Drillers' logs of 60 wells, water levels for 84 wells, chemical analyses of water for 11 wells, and water levels and chemical analyses of water from previously inventoried wells also are presented in this report.

INTRODUCTION

Hydrologic data from Chambers, Liberty, and Montgomery Counties (fig. 1) are collected by the U.S. Geological Survey in cooperation with the City of Houston and the Harris-Galveston Coastal Subsidence District to help monitor the development of the ground-water resources of the Houston-Galveston region. The data-collection program consists of conducting inventories of wells, measuring water levels in observation wells, and analyzing water from selected wells to describe the chemical quality of the ground water. Data collected are published at 5-year intervals.

Records of wells, drillers' logs of wells, water-level measurements, and chemical analyses of water for 1985-89 are given in tables 1-12 at the end of this report. The water-level measurements and chemical analyses are from the newly inventoried wells or from wells previously inventoried. Descriptions of the geology and hydrology of the area and hydrologic data collected before 1985 were published in reports listed in the "Selected References" section of this report. The location of wells listed is shown on plates 1-3.

Data for 76 mostly large-diameter (greater than 4 inches) newly inventoried wells--4 wells in Chambers County (table 1), 8 wells in Liberty County (table 5), and 64 wells in Montgomery County (table 9)--were collected during 1985-89. Some wells that were less than 5 inches in diameter were inventoried to obtain additional water-level or water-quality data. Drillers' logs of 60 wells in the inventory (tables 2, 6, and 10) are included in the tabulations.

Water-level measurements were made in 84 wells--20 wells in Chambers County (table 3), 20 wells in Liberty County (table 7), and 44 wells in Montgomery County (table 11).

Tables 4, 8, and 12 present chemical analyses of water from 11 wells. The Geological Survey sampled and analyzed the water from one well in Chambers County and one well in Montgomery County; nine of the analyses tabulated were made by commercial laboratories.

WELL-NUMBERING SYSTEM

The well-numbering system used in this report was devised by the Texas Department of Water Resources for use throughout the State. Under this system, each 1-degree quadrangle is given a number consisting of two digits. These are the first two digits in the well number. Each 1-degree quadrangle is divided into 7-1/2-minute quadrangles that are given two-digit numbers from 01 to 64. These are the third and fourth digits of the well number. Each 7-1/2-minute quadrangle is divided into 2-1/2-minute quadrangles that are given a single-digit number from 1 to 9. This is the fifth digit of the well number. Finally, each well within a 2-1/2-minute quadrangle is given a two-digit number in the order in which it was inventoried, starting with 01. These are the last two digits of the well number.

On the well-location maps (pls. 1-3), only the last three digits of the well number are shown at each well location; the second two digits are shown in the northwest corner of each 7-1/2-minute quadrangle; and the first two digits are shown by large block numerals 60, 61, 64, and 65.

In addition to the seven-digit well number, a two-digit prefix is used to identify the county. The prefix for Chambers County is DH; for Liberty County, SB; and for Montgomery County, TS.

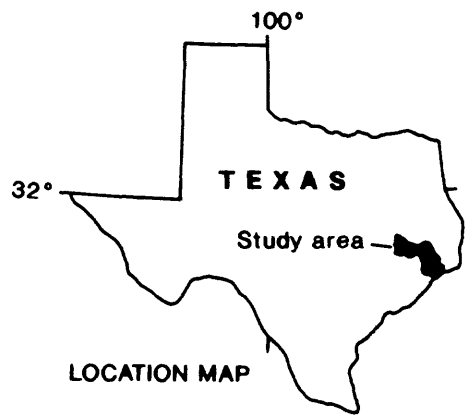
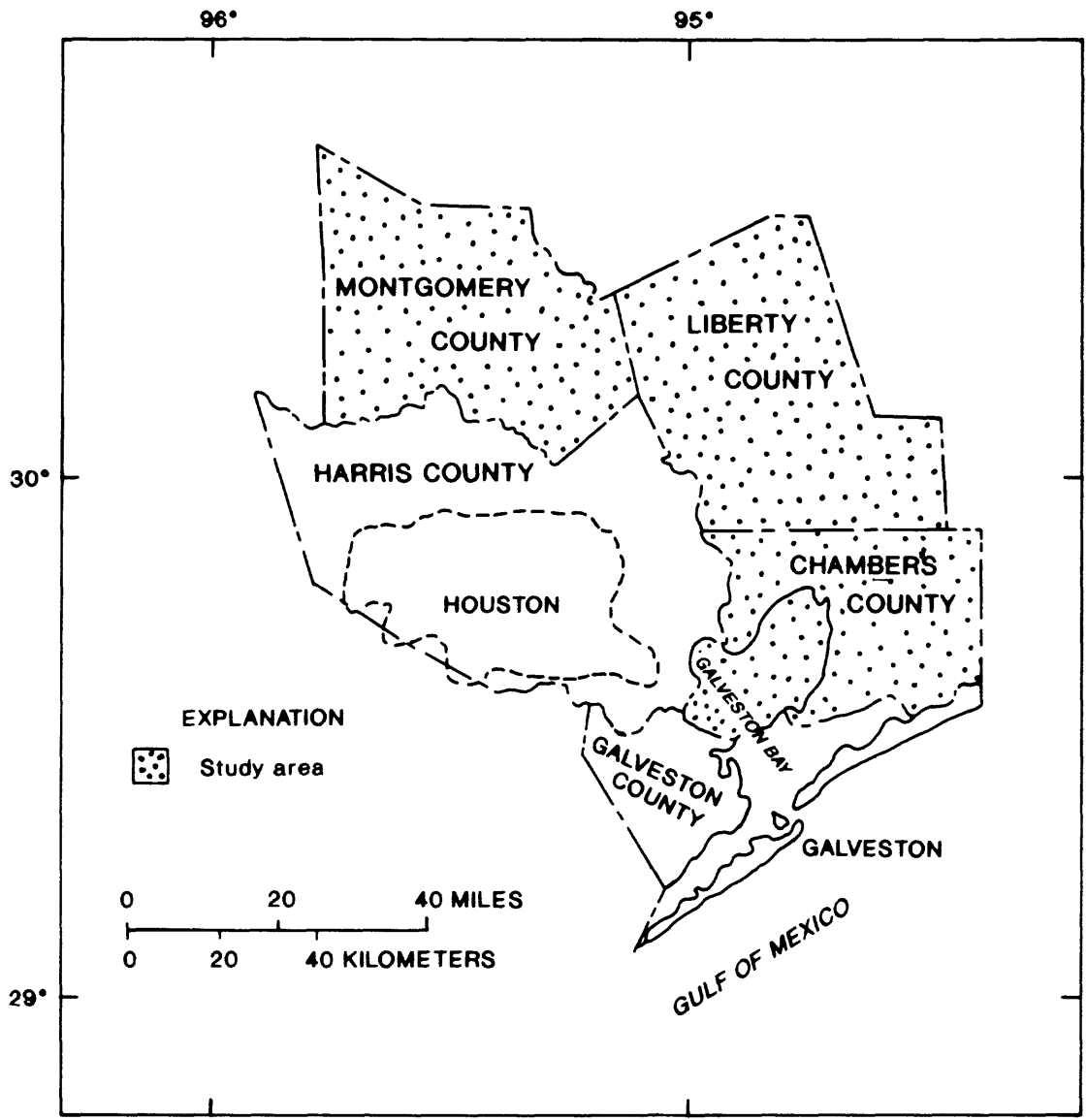


Figure 1.--Location of Chambers, Liberty, and Montgomery Counties.

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- Ratzlaff, K.W., Lind, W.B., and Ranzau, C.E., Jr., 1983, Records of wells, drillers' logs, water-level measurements, and chemical analyses of ground water in Chambers, Liberty, and Montgomery Counties, Texas, 1975-79: Texas Department of Water Resources Report 280, 39 p.
- Wesselman, J.B., 1971, Ground-water resources of Chambers and Jefferson Counties, Texas, *with a section on Quaternary geology*, by Saul Aronow: Texas Water Development Board Report 133, 182 p.
- Williams, J.F. III, Coplin, L.S., Ranzau, C.E., Jr., and Lind, W.B., 1986, Records of wells, drillers' logs, water-level measurements, and chemical analyses of ground water in Chambers, Liberty, and Montgomery Counties, Texas, 1980-84: U.S. Geological Survey Open-File Report 86-57, 37 p.

Table 1.--Records of wells in Chambers County

Water-bearing unit : CHCT, Chicot aquifer
 Water level : Reported water levels in feet
 Use of water : P, public supply
 Type of data available : D, drillers' log (see table 2)
 Symbol : --, no data

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of well (inches)	Total length (feet)	Well screen Depth interval (feet)	Water-bearing unit	Altitude of land surface (feet)	Water level Below land surface measurement (feet)	Date of measurement	Use of water	Discharge (gallons per minute)	Draw-down (feet)	Type of data available
DH-64-09-927	Landing at Cedar Bayou, Well No. 1	Bussell and Son, Inc.	1985	420	6, 4	30	380-410	CHCT	24	115	02-07-85	P	--	--	D
DH-64-09-928	Landing at Cedar Bayou, Well No. 2	Bussell and Son, Inc.	1985	410	6, 4	30	380-410	CHCT	24	115	02-09-85	P	--	--	D
DH-64-11-818	City of Anahuac	O'Day Drilling Co., Inc.	1987	122	8, 6	40	82-122	CHCT	21	19	01-17-87	P	153	73	D
DH-64-13-907	Bolivar Peninsula Water Supply	Bussell and Son, Inc.	1986	190	10	50	140-190	CHCT	21	65	07-03-86	P	--	--	D

Table 2.--Drillers' logs of wells in Chambers County

Well DH-64-09-927

Owner: Landing at Cedar Bayou, Well No. 1
 Driller: Bussell and Son, Inc.

Description	Thick- ness (feet)	Depth (feet)
Clay	35	35
Sand	32	67
Clay	254	321
Sand	89	410
Clay	10	420

Well DH-64-09-928

Owner: Landing at Cedar Bayou, Well No. 2
 Driller: Bussell and Son, Inc.

Description	Thick- ness (feet)	Depth (feet)
Clay	35	35
Sand	32	67
Clay	254	321
Sand	89	410
Clay	10	420

Well DH-64-11-818

Owner: City of Anahauc
 Driller: O'Day Drilling Co., Inc.

Description	Thick- ness (feet)	Depth (feet)
Topsoil	3	3
Clay	66	69
Sand	55	124

Well DH-64-13-907

Owner: Bolivar Peninsula Water Supply
 Driller: Bussell and Son, Inc.

Description	Thick- ness (feet)	Depth (feet)
Clay	16	16
Sea shells	5	21
Clay, gray	99	120
Sand streaks	3	123
Sand	17	140
Sand, big	20	160
Sand	30	190
Sand, fine	12	202

Table 3.--Water levels in wells in Chambers County

Owner : W.C.I.D., Water Control and Improvement District; H.L. and P., Houston Lighting and Power
 Screen : Top and bottom of screened interval below land surface
 Altitude : Altitude of land surface above sea level
 Depth : Depth of well
 Water level: Measured by the U.S. Geological Survey in feet and hundredths of feet below land surface, except as noted

Well DH-64-09-301
 Owner: Chambers Co.
 W.C.I.D. 1,
 Well No. 5
 Screen: 405-520 feet
 Altitude: 43 feet

Date	Water level
02-04-85	110.81
10-31-85	115.59
01-31-86	123.20
01-07-87	121.07
08-26-87	119.43
01-04-89	106.87

Well DH-64-09-302
 Owner: Chambers Co.
 W.C.I.D. 1,
 Well No. 4
 Screen: 418-521 feet
 Altitude: 43 feet

Date	Water level
02-04-85	108.31
10-31-85	113.52
01-31-86	122.04
01-07-87	118.62
08-26-87	117.05
01-14-88	102.87

Well DH-64-09-307
 Owner: Diamond Alkali,
 Well No. 3
 Screen: 720-910 feet
 Altitude: 27 feet

Date	Water level
02-04-85	106.64
11-21-85	105.63
01-31-86	124.32
08-28-87	119.22
01-12-88	143.67

Well DH-64-09-308
 Owner: Diamond Alkali
 Depth: 149 feet
 Altitude: 27 feet

Date	Water level
02-04-85	17.13
11-21-85	17.88
01-31-86	16.95
01-07-87	16.00
08-28-87	16.19
01-12-88	16.17

Well DH-64-09-811
 Owner: H.L. and P. Co.,
 Cedar Bayou Plant,
 Well No. 1
 Screen: 324-394 feet
 Altitude: 13 feet
 (Measurements reported
 by owner)

Date	Water level
01-07-85	108
01-06-86	100
01-12-88	96.5
12-14-88	95

Well DH-64-09-921
 Owner: H.L. and P. Co.,
 Cedar Bayou Plant,
 Well No. 3
 Screen: 335-391 feet
 Altitude: 24 feet
 (Measurements reported
 by owner)

Date	Water level
01-07-85	104
01-06-86	103
01-12-88	101
12-14-88	99

Well DH-64-09-924
 Owner: H.L. and P. Co.,
 Cedar Bayou Plant,
 Well No. 2
 Screen: 352-400 feet
 Altitude: 17 feet
 (Measurements reported
 by owner)

Date	Water level
01-07-85	104.5
01-06-86	103
01-12-88	100.5
12-14-88	99

Well DH-64-11-801
 Owner: City of Anahuac,
 Well No. 2
 Screen: 73-133 feet
 Altitude: 22 feet

Date	Water level
11-14-85	23.63
02-05-86	25.52
03-20-87	25.57
08-28-87	24.37

Well DH-64-11-802
 Owner: City of Anahuac,
 Well No. 1
 Screen: 80-120 feet
 Altitude: 22 feet

Date	Water level
11-14-85	29
02-05-86	25.48
03-20-87	25.17
08-28-87	24.81
01-05-89	26.08

Well DH-64-11-816
 Owner: City of Anahuac,
 Well No. 3
 Screen: 80-100 feet
 Altitude: 22 feet

Date	Water level
11-14-85	27.43
02-05-86	29.75
03-20-87	28.81
08-28-87	25.74
01-14-88	25.51
01-05-89	27.90

Well DH-64-11-901
 Owner: Barringer
 Screen: 340-350 feet
 Altitude: 22 feet

Date	Water level
11-14-85	33.80
02-05-86	32.62
03-20-87	32.45
09-15-87	32.10
01-14-88	32.52
01-05-89	32.74

Well DH-64-13-306
 Owner: Trinity Bay
 Conservation
 Dist., Well No. 3
 Screen: 130-199 feet
 Altitude: 27 feet

Date	Water level
11-14-85	65

Table 3.-- Water levels in wells in Chambers County--Continued

Well DH-64-13-601
 Owner: Trinity Bay
 Conservation
 Dist., Well No. 1
 Screen: 116-146 feet
 Altitude: 26 feet

Date	Water level
11-14-85	75.83
02-05-86	70.47
03-20-87	72.15
01-14-88	63.46
01-05-89	65.42

Well DH-64-13-602
 Owner: Trinity Bay
 Conservation
 Dist., Well No. 2
 Screen: 117-147 feet
 Altitude: 26 feet

Date	Water level
11-14-85	77.48
02-05-86	62.92
03-20-87	63.73

Well DH-64-13-701
 Owner: Harvey Haynes
 Depth: 195 feet
 Altitude: 23 feet

Date	Water level
11-14-85	28.41
02-05-86	30.67
03-20-87	29.90
08-28-87	28.69
01-14-88	28.06
01-05-89	30.40

Well DH-64-17-311
 Owner: Wilburn Bros.
 Screen: 78-105 feet
 Altitude: 23 feet

Date	Water level
02-04-85	19.82
10-31-85	20.20
01-31-86	19.99
03-19-87	19.50
08-26-87	20.31
01-12-88	20.64
01-04-89	21.00

Well DH-64-17-901
 Owner: Seacrest Park
 Screen: 666-687 feet
 Altitude: 25 feet

Date	Water level
02-04-85	63.26
11-21-85	62.90
01-31-86	63.27
03-19-87	62.02
08-26-87	63.40
01-12-88	63.29
01-04-89	120.71

Well DH-64-21-205
 Owner: Sun Oil Co.
 Depth: 150 feet
 Altitude: 16 feet

Date	Water level
11-14-85	33.16
02-05-86	32.28
03-20-87	31.39
08-28-87	32.58
01-14-88	31.86
01-05-89	29.97

Well DH-64-26-401
 Owner: Exxon Co.,
 Well No. 151
 Depth: Unknown
 Altitude: Sea level

Date	Water level
11-22-85	91.90

Well DH-64-26-701
 Owner: Exxon Co.,
 Well No. A-1
 Screen: 610-671
 Altitude: Sea level

Date	Water level
11-22-85	83.47
04-09-87	80.80
01-28-88	80.28
01-06-89	77.98

Table 4--Chemical analyses of water from a well in Chambers County

Water-bearing unit : CHCT, Chicot aquifer
 Units : $\mu\text{S/cm}$, microsiemens per centimeter at 25 degrees Celsius; $^{\circ}\text{C}$, degrees Celsius; mg/L , milligrams per liter; $\mu\text{g/L}$, micrograms per liter
 Symbol : --, no data

Well	Owner	Date of sample	Water-bearing unit	Depth or producing interval (feet)	Specific conductance ($\mu\text{S/cm}$)	pH (standard units)	Temperature ($^{\circ}\text{C}$)	Hardness (mg/L as CaCO_3)	Calcium, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Sodium, dissolved (mg/L)	Potassium, dissolved (mg/L)	Alkalinity (mg/L as CaCO_3)	Sulfate, dissolved (mg/L)	Chloride, dissolved (mg/L)	Fluoride, dissolved (mg/L)	Silica, dissolved (mg/L)	Solids, dissolved, sum of constituents (mg/L)	Iron, dissolved ($\mu\text{g/L}$)	Manganese, dissolved ($\mu\text{g/L}$)	
DH-64-26-701	Exxon Co., Well No. A-1	01-06-89	CHCT	610-671	969	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--	--

Table 5.--Records of wells in Liberty County

Water-bearing unit : EVGL, Evangeline aquifer; CHCT, Chicot aquifer
 Water level : Reported water levels in feet
 Use of water : N, industrial; P, public supply
 Type of data available : D, drillers' log (see table 6); Q, chemical analysis (see table 8)
 Symbol : --, no data

Well	Owner	Driller	Date completed	Depth of well (feet)	Dia- meter of well (inches)	Total length (feet)	Well screen Depth interval (feet)	Water- bearing unit	Alti- tude of land surface (feet)	Water level Below land surface (feet)	Date of measurement	Use of water	Dis- charge (gallons per minute)	Draw- down (feet)	Type of data available
S8-61-33-807	Kirby Forest Industries	Weisinger Water Well, Inc.	1985	365	10, 8	30	335- 365	EVGL	155	102	05-07-85	N	600	--	D
S8-61-35-101	Pine Springs Utility	Vanya Water Well, Inc.	1987	359	6, 4	20	339- 359	CHCT	162	60	05-25-87	P	150	--	D
S8-61-57-109	Lone Star Energy Storage, Inc., Well No. 1	Layne-Texas Co.	1985	1,489	16, 10	150	1,159-1,489	EVGL	84	92	06-03-85	N	1,005	87	D,Q
S8-61-57-110	Lone Star Energy Storage, Inc., Well No. 2	Layne-Texas Co.	1985	1,500	16, 10	150	1,200-1,500	EVGL	84	90	07-15-85	N	1,204	104	D,Q
S8-61-57-304	Woodland Hills	O'Day Drilling Co., Inc.	1987	390	6, 4	30	360- 390	CHCT	84	80	05-08-87	P	300	--	D
S8-61-58-102	Woodland Hills	O'Day Drilling Co., Inc.	1986	308	6, 4	22	286- 308	CHCT	82	80	09-10-86	P	250	--	D
S8-64-02-702	City of Mont Belvieu	O'Day Drilling Co., Inc.	1985	405	10, 8	40	360- 400	CHCT	41	80	09-23-85	P	300	--	D
S8-64-02-807	Riverwood Estates	O'Day Drilling Co., Inc.	1985	298	6, 4	16	282- 298	CHCT	37	90	11-08-85	P	200	--	D

Table 6.--Drillers' logs of wells in Liberty County

Well SB-61-33-807
 Owner: Kirby Forest Industries
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	30	30
Sand	32	62
Sand and gravel	18	80
Clay	38	118
Rock	4	122
Clay and rock	53	175
Sand	25	200
Rock	2	202
Clay and rock	23	225
Clay	7	232
Sand	36	268
Clay	32	300
Sand	24	324
Clay	11	335
Sand	30	365

Well SB-61-35-101
 Owner: Pine Springs Utility
 Driller: Vanya Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay, red	20	20
Sand, red	90	110
Clay, white	110	220
Sand, red	31	251
Clay, white	23	274
Sand, white	14	288
Clay, white	23	311
Sand, white, coarse	8	319
Clay	14	333
Sand, white	26	359

Well SB-61-57-109
 Owner: Lone Star Energy Storage, Inc.,
 Well No. 1
 Driller: Layne-Texas Co.

Description	Thick-ness (feet)	Depth (feet)
Fill dirt	0.5	0.5
Topsoil	1.5	2
Clay	5	7
Clay and sand streaks	3	10
Clay and sand	4	14
Sand and clay streaks	6	20
Clay	2	22
Sand streaks, clay and sandy clay	5	27
Clay	8	35
Sand	12	47
Clay	2	49
Sand	3	52
Clay	8	60
Clay, sandy clay	2	62
Sand and clay streaks	3	65
Clay	5	70
Clay, sandy clay	2	72
Sand streaks	5	77
Sand	4	81
Clay	11	92
Clay, sandy	8	100
Sand	14	114
Clay	31	145
Clay and sandy streaks clay	7	152
Clay, sandy clay and sand streaks	6	158
Clay	17	175
Clay and sandy clay streaks	9	184
Sand and gravel streaks	8	192
Clay, sandy clay and gravel	6	198
Clay	9	207
Sand and gravel streaks	29	236
Clay, sandy clay and sand	7	243
Sand and gravel streaks	22	265
Clay	5	270

Table 6.--Drillers' logs of wells in Liberty County--Continued

Well SB-61-57-109--Continued			Well SB-61-57-109--Continued		
Clay and sand	3	273	Clay, sandy, sand and clay streaks	13	829
Clay	7	280	Clay	14	843
Clay and sandy clay	2	282	Clay and sandy clay	4	847
Sand	1	283	Sand and gravel streaks	13	860
Clay	17	300	Lime, hard, sand and gravel streaks	8	868
Sand	17	317	Clay and lime streaks	28	896
Clay and sand streaks	11	328	Sand and clay streaks	5	901
Sand and clay	38	366	Sand	16	917
Clay	12	378	Clay	24	941
Sand and clay streaks	38	416	Lime, hard, sand and clay streaks	19	960
Clay and sand streaks	7	423	Lime, hard	2	962
Sand and a few clay streaks	25	448	Lime, hard and sand streaks	2	964
Clay	14	462	Lime, clay and sand	6	970
Clay and sand streaks	8	470	Clay and sand	15	985
Sand and clay streaks	22	492	Lime	1	986
Clay	7	499	Clay	7	993
Sand and clay	6	505	Sand and clay	30	1,023
Sand and a few clay streaks	41	546	Clay and sand streaks	11	1,034
Sand, clay and shale	27	573	Clay and a few lime streaks	32	1,166
Clay	33	606	Lime and clay	4	1,170
Clay, sandy and sand	4	610	Lime	5	1,175
Sand, lime and clay streaks	22	632	Lime and clay	5	1,180
Clay	12	644	Clay and shale	5	1,185
Clay and sandy clay	6	650	Sand, sandstone and shale streaks	42	1,227
Sand, clay and lime	31	681	Clay, shale and sandy clay streaks	85	1,312
Clay and lime	2	683	Sand, clay, lime streaks and sandstone	34	1,346
Clay	15	698	Clay, sand streaks and lime	4	1,350
Clay and sandy clay	3	701	Sand, lime, clay sandstone and gravel	17	1,367
Clay, sandy and sand streaks	10	711	Sand and lime streaks	2	1,369
Shale and sandy clay	5	716	Clay, sandy clay and lime streaks	3	1,372
Sand, shale streaks and gravel	21	737	Clay and lime	14	1,386
Clay, shale and lime	2	739	Clay and sand streaks	2	1,388
Clay, shale and lime streaks	3	742	Hard lime streaks, sand and fine gravel	20	1,408
Clay and shale	19	761	Clay and lime	2	1,410
Clay	25	786	Sand, hard lime and fine gravel	32	1,442
Lime streaks and clay	11	797	Lime streaks and clay	3	1,445
Sand, gravel streaks and clay streaks	19	816			

Table 6.--Drillers' logs of wells in Liberty County--Continued

Well SB-61-57-109--Continued

Clay, lime streaks and sandy clay	10	1,455
Sand, clay streaks, gravel and lime	32	1,487
Lime	1	1,488
Sand	3	1,491
Clay	9	1,500

Well SB-61-57-110

Owner: Lone Star Energy Storage, Inc.,
Well No. 2
Driller: Layne-Texas Co.

Description	Thick- ness (feet)	Depth (feet)
Fill	0.5	0.5
Topsoil	1.5	2
Clay	8	10
Sandy and clay streaks	4	14
Clay	8	22
Sand and clay streaks	4	26
Clay	8	34
Sand	13	47
Clay	17	64
Sand and clay streaks	3	67
Clay and sandy clay streaks	8	75
Sand and clay streaks	7	82
Clay and sandy clay streaks	36	118
Clay	12	130
Sand	19	149
Clay	33	182
Sand and clay	4	186
Clay	17	203
Sand and clay streaks	28	231
Clay and sandy clay	6	237
Sand and clay streaks	13	250
Sand	16	266
Clay, sandy clay and sand streaks	5	271
Sand	6	277
Clay	21	298
Clay, sandy clay and sand streaks	15	313
Sand and clay streaks	17	330
Clay	3	333

Well SB-61-57-110--Continued

Clay and sand	8	341
Sand and a few clay streaks	14	355
Sand and clay streaks	17	372
Clay	14	386
Sand	16	402
Sand and clay	4	406
Sand	7	413
Clay and sand streaks	16	429
Sand and clay streaks	64	493
Clay and a few sand streaks	11	504
Sand and clay	8	512
Sand and a few clay streaks	14	526
Clay	8	534
Sand and clay streaks	31	565
Clay and sand	11	576
Clay	26	602
Sand and clay	11	613
Clay	19	632
Clay and sandy clay streaks	14	646
Sand	4	650
Clay and lime streaks	4	654
Sand, gravel, lime and clay streaks	21	675
Lime	2	677
Sand and clay streaks	13	690
Clay and a few sand streaks	20	710
Sand, clay and gravel streaks	26	736
Clay and sandy clay	4	740
Clay and lime streaks	40	780
Clay and sandy clay	9	789
Sand, gravel and clay streaks	31	820
Lime	3	823
Sand and lime streaks	5	828
Lime	2	830
Sand, lime and clay streaks	17	847
Clay and lime streaks	10	857
Clay	1	858
Sand	25	883
Clay, sand and clay streaks	5	888

Table 6.--Drillers' Logs of wells in Liberty County--Continued

Well SB-61-57-110--Continued

Clay, sandy clay and sand breaks	5	893
Clay and shale streaks	14	907
Sand	4	911
Clay	2	913
Sand and gravel	27	940
Clay and lime streaks	17	957
Sand, gravel and lime streaks	4	961
Lime, hard	1	962
Sand, gravel and lime streaks	9	971
Sand, gravel and clay streaks	5	976
Clay and lime streaks	8	984
Clay, sand and clay streaks	2	986
Sand and clay streaks	28	1,014
Sand, gravel and clay streaks	12	1,026
Clay	4	1,030
Sand, sandy clay and clay streaks	20	1,050
Sand, gravel, lime and clay streaks	10	1,060
Clay and lime streaks	20	1,080
Lime, hard	1	1,081
Clay and lime streaks	4	1,085
Clay and sandy clay	4	1,089
Clay and lime streaks	29	1,118
Clay	32	1,150
Clay and shale streaks	44	1,194
Sand and clay	7	1,201
Clay, shale, lime and sand streaks	17	1,218
Clay	6	1,224
Sand, clay and lime streaks	3	1,227
Lime	1	1,228
Sand, clay and lime streaks	2	1,230
Lime and clay	2	1,232
Sand and clay	3	1,235
Lime and clay	1	1,236
Clay and sand	2	1,238
Lime	2	1,240
Clay	16	1,256
Lime	1	1,257
Clay	73	1,330

Well SB-61-57-110--Continued

Clay and lime	3	1,333
Lime, hard	3	1,336
Clay and lime streaks	7	1,343
Sand, lime, gravel and clay streaks	28	1,371
Lime, hard	2	1,373
Sand	1	1,374
Lime	1	1,375
Sand	1	1,376
Lime	2	1,378
Lime and sandy streaks	4	1,382
Sand, lime, clay streaks and gravel	40	1,422
Clay and lime streaks	33	1,455
Lime	2	1,457
Lime and sand streaks	5	1,462
Sand, lime, clay streaks and gravel	39	1,501
Lime	2	1,503
Lime and clay	2	1,505

Well SB-61-57-304
 Owner: Woodland Hills
 Driller: O'Day Drilling Co., Inc.

Description	Thick-ness (feet)	Depth (feet)
Topsoil	3	3
Clay	63	66
Sand	22	88
Clay	133	221
Sand	17	238
Clay	11	249
Sand	12	261
Clay	99	360
Sand	30	390

Well SB-61-58-102
 Owner: Woodland Hills
 Driller: O'Day Drilling Co., Inc.

Description	Thick-ness (feet)	Depth (feet)
Topsoil	3	3
Clay	63	66
Sand	21	87

Table 6.--Drillers' logs of wells in Liberty County--Continued

Well SB-61-58-102--Continued

Clay	46	133
Sand	28	161
Clay	122	283
Sand	19	302
Sand and clay	10	312

Well SB-64-02-702

Owner: City of Mont Belvieu
Driller: O'Day Drilling Co., Inc.

Description	Thick-ness (feet)	Depth (feet)
Topsoil	3	3
Clay	75	78
Sand	3	81
Clay	19	100
Sand	5	105
Clay	17	122
Sand and clay	8	130
Clay	40	170
Sand and clay	5	175
Clay	17	192
Sand	3	195
Clay	40	235

Well SB-64-02-702--Continued

Sand	6	241
Clay	3	244
Sand	10	254
Clay	12	266
Sand	22	288
Clay	9	297
Sand	3	300
Clay	56	356
Sand	44	400
Clay	10	410

Well SB-64-02-807

Owner: Riverwood Estates
Driller: O'Day Drilling Co., Inc.

Description	Thick-ness (feet)	Depth (feet)
Topsoil	3	3
Clay	17	20
Sand	13	33
Clay	57	90
Sand	15	105
Clay	175	280
Sand	18	298

Table 7.--Water levels in wells in Liberty County

Depth : Depth of well
 Altitude : Altitude of land surface above sea level
 Screen : Top and bottom of screened interval below land surface
 Water level: Measured by the U.S. Geological Survey in hundredths of feet below land surface

Well SB-60-48-302
 Owner: Vernon Elledge,
 Well No. 2
 Depth: 452 feet
 Altitude: 153 feet

Date	Water level
10-23-85	20.32
04-14-86	18.28
03-27-87	11.32
01-30-89	17.65

Well SB-60-56-901
 Owner: E.J. Stoesser,
 Well No. 3
 Depth: 1,015 feet
 Altitude: 86 feet

Date	Water level
02-11-85	74.75
02-03-86	70.78
01-06-87	78.28
01-26-89	80.66

Well SB-60-56-902
 Owner: E.J. Stoesser,
 Well No. 5
 Depth: 1,040 feet
 Altitude: 85 feet

Date	Water level
01-26-89	86.76

Well SB-60-64-301
 Owner: E.J. Stoesser,
 Well No. 2
 Depth: 1,006 feet
 Altitude: 82 feet

Date	Water level
02-11-85	78.75
02-03-86	76.31
01-26-89	78.64

Well SB-60-64-303
 Owner: E.J. Stoesser,
 Well No. 6
 Screen: 203-580 feet
 Altitude: 85 feet

Date	Water level
02-11-85	79.57
02-03-86	68.00
01-06-87	72.20
01-26-89	73.76

Well SB-60-64-602
 Owner: E.J. Stoesser,
 Well No. 4
 Depth: 1,017 feet
 Altitude: 83 feet

Date	Water level
02-03-86	113.42
01-08-88	119.85
01-26-89	126.90

Well SB-61-33-701
 Owner: Roy Elledge
 Depth: 835 feet
 Altitude: 157 feet

Date	Water level
10-23-85	32.46
04-14-86	32.70
03-27-87	32.99

Well SB-61-41-101
 Owner: Vernon Elledge
 Depth: 502 feet
 Altitude: 153 feet

Date	Water level
10-23-85	34.45
04-14-86	32.83
03-27-87	31.86
01-30-89	37.57

Well SB-61-41-701
 Owner: M.A. Scott
 Depth: 625 feet
 Altitude: 128 feet

Date	Water level
10-21-85	47.17
04-14-86	46.34
04-10-87	61.28
01-30-89	55.17

Well SB-61-43-801
 Owner: A.L. Erickson
 Depth: 100 feet
 Altitude: 93 feet

Date	Water level
04-14-86	44.80

Well SB-61-49-807
 Owner: Bolinger Bros.
 Screen: 65-396 feet
 Altitude: 97 feet

Date	Water level
11-12-85	92.39
04-08-86	95.72
04-10-87	89.23
09-21-87	88.43
01-08-88	92.78
01-27-89	96.51

Well SB-61-51-101
 Owner: Dennison
 Depth: 1,150 feet
 Altitude: 95 feet

Date	Water level
11-12-85	51.48
04-14-86	50.47
03-27-87	49.50
01-27-89	49.57

Well SB-61-51-102
 Owner: Frank Duke
 Depth: 660 feet
 Altitude: 87 feet

Date	Water level
11-12-85	44.21
04-14-86	43.31
03-27-87	39.88
01-27-89	44.58

Well SB-61-51-806
 Owner: Morgan Tippett
 Depth: 624 feet
 Altitude: 68 feet

Date	Water level
11-12-85	31.64
04-08-86	28.61
04-10-87	29.91
01-27-89	31.51

Well SB-61-57-506
 Owner: W.M. Moreau
 Depth: 940 feet
 Altitude: 78 feet

Date	Water level
02-11-85	111.83
11-12-85	114.51
04-08-86	104.82
01-12-87	105.33
01-08-88	112.20
01-26-89	117.98

Table 7.--Water levels in wells in Liberty County--Continued

Well SB-61-57-702
 Owner: J.M. Frost, Jr.,
 Well No. 1
 Depth: 800 feet
 Altitude: 67 feet

Date	Water level
02-11-85	102.05
04-08-86	104.81
01-12-87	105.79
01-26-89	99.32

Well SB-61-57-703
 Owner: J.M. Frost, Jr.,
 Well No. 2
 Screen: 240-837 feet
 Altitude: 67 feet

Date	Water level
02-11-85	113.32
11-07-85	110.04
04-08-86	113.25
01-12-87	116.95
01-08-88	103.78
01-26-89	106.87

Well SB-61-58-505
 Owner: Charles W. Fisher
 Depth: 651 feet
 Altitude: 30 feet

Date	Water level
11-12-85	44.63
04-08-86	38.56
04-10-87	34.67
09-21-87	35.12
01-27-89	38.65

Well SB-61-59-106
 Owner: Graves and Partlow
 Depth: 485 feet
 Altitude: 72 feet

Date	Water level
01-27-89	42.22

Well SB-61-59-501
 Owner: C.F. Kallina
 Depth: 1,180 feet
 Altitude: 66 feet

Date	Water level
11-12-85	51.33
04-08-86	47.93
04-10-87	49.81
01-27-89	48.17

Table 8.--Chemical analyses of water from wells in Liberty County

Water-bearing unit : EVGL, Evangeline aquifer
 Solids, dissolved : Calculated from unrounded concentrations; see footnote 1
 Units : $\mu\text{S}/\text{cm}$, microsiemens per centimeter at 25 degrees Celsius; $^{\circ}\text{C}$, degrees Celsius; mg/L , milligrams per liter; $\mu\text{g}/\text{L}$, micrograms per liter
 Symbol : --, no data; <, less than

Well	Owner	Date of sample ¹	Water-bearing unit	Depth or producing interval (feet)	Specific conductance ($\mu\text{S}/\text{cm}$)	pH (standard and ature units) ($^{\circ}\text{C}$)	Temperature (per ature ($^{\circ}\text{C}$))	Hardness (mg/L as CaCO_3)	Calcium, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Sodium, dissolved (mg/L)	Potassium, dissolved (mg/L)	Alkalinity (mg/L as CaCO_3)	Sulfate, dissolved (mg/L)	Chloride, dissolved (mg/L)	Fluoride (mg/L) ³	Silica, dissolved (mg/L)	Solids, dissolved sum of constituents (mg/L) ⁴	Iron, dissolved ($\mu\text{g}/\text{L}$) ⁵	Manganese, dissolved ($\mu\text{g}/\text{L}$) ⁶
SB-61-57-109	Lone Star Energy Storage, Inc., Well No. 1	06-06-85	EVGL	1,159-1,489	880	9.1	--	5	2.0	0	390	--	214	19	440	0.3	20	1,010	20	<10
SB-61-57-109	Lone Star Energy Storage, Inc., Well No. 2	07-22-85	EVGL	1,200-1,500	825	9.1	--	4	1.2	0.2	180	--	208	12	120	.2	23	457	160	<10

1 Analyzed by Edna Wood Laboratories, Inc.
 2 Sodium plus potassium, calculated.
 3 Total fluoride, recoverable.
 4 Solids, dissolved, equals the sum of calcium + magnesium + sodium + potassium + (0.6 x alkalinity) + sulfate + chloride + fluoride + silica.
 5 Total iron.
 6 Total manganese.
 7 Dissolved carbonate concentration is 43 mg/L.
 8 Dissolved carbonate concentration is 53 mg/L.

Table 9.--Records of wells in Montgomery County

Owner : U.D., Utility District; M.U.D., Municipal Utility District; W.S.C., Water Supply Corporation
 Water-bearing unit : EVGL, Evangeline aquifer; JSPP, Jasper aquifer; BKVL, Burkeville confining system; CHCT, Chicot aquifer
 Water level : Reported water levels in feet; measured water levels in hundredths of feet
 Use of water : I, irrigation; P, public supply; U, unused; N, industrial; O, observation; H, domestic
 Type of data available : D, drillers' log (see table 10); C, chemical analysis (see table 12); E, electric log (on file at the U.S. Geological Survey, Houston.); W, water-level measurements (see table 11)
 Symbol : --, no data

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of well (inches)	Well screen Total length (feet)	Well screen Depth interval (feet)	Water-bearing unit	Altitude of land surface (feet)	Well level Below land surface (feet)	Date of measurement	Use of water	Discharge (gallons per minute)	Drawdown (feet)	Type of data available
TS-60-26-502	George Bishop	Holly Water Wells	1988	231	5, 3	35	196 - 231	EVGL	352	80	09-28-88	I	60	--	D
TS-60-35-908	Del Lago	Bussell and Son, Inc.	1985	495	10, 8	35	460 - 495	JSPR	235	55	07-15-85	P	--	--	D
TS-60-35-909	Stanley Lakes	Weisinger Water Well, Inc.	1988	648	6, 4	100	526 - 626	JSPR	243	82	06-06-88	P	450	--	D
TS-60-36-406	Clear Water Cove	Weisinger Water Well, Inc.	1984	465	6, 4	30	435 - 465	EVGL	240	66	09-10-84	P	200	--	D
TS-60-36-407	Bentwater Joint Venture	Weisinger Water Well, Inc.	1988	462	6, 4	30	427 - 457	JSPR	234	40	09-27-88	P	500	--	D
TS-60-36-609	Far Hills U.D.	Weisinger Water Well, Inc.	1983	645	8, 6	45	390 - 645	EVGL	268	61	10-24-83	P	600	--	D
TS-60-37-108	Louis Fritsch, The Fish Pond	AAA Water Wells	1988	275	5, 2	75	200 - 275	EVGL	337	105	08-19-88	I	30	233	D
TS-60-37-412	City of Willis, Well No. 4	Layne-Texas Co.	1984	1,080	14, 8	175	780 - 1,080	EVGL	390	248	09-10-84	P	820	50	D,Q,E
TS-60-37-712	San Jacinto Girl Scout Council, Camp Arnold	Miron Scott	1979	524	4, 2	20	500 - 521	EVGL	250	100	06-27-79	P	90	--	W
TS-60-37-713	San Jacinto Girl Scout Council, Camp Arnold	Weisinger Water Well, Inc.	1985	520	4, 2	15	505 - 520	EVGL	250	116	04-23-85	P	50	--	W
TS-60-44-112	Montgomery Co. M.U.D. No. 3	O'Day Drilling Co., Inc.	1984	740	10, 8	72	658 - 730	EVGL	283	169	05-10-84	P	600	--	D
TS-60-44-113	Lake Controe Village	Weisinger Water Well, Inc.	1988	710	8, 6	60	632 - 692	BKVL	275	166	10-31-88	P	500	--	D

Table 9.--Records of wells in Montgomery County--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Dia- meter of well (inches)	Well screen		Water- bearing unit	Altitude of land surface (feet)	Well level		Use of water	Dis- charge (gallons per minute)	Draw- down (feet)	Type of data available
						Total length (feet)	Depth interval (feet)			Below land surface (feet)	Date of measure- ment				
TS-60-44-208	Westmont, Well No. 1	Weisinger Water Well, Inc.	1984	520	6, 4	40	480 - 520	EVGL	207	66	09-27-84	P	350	--	D
TS-60-44-209	Westmont, Well No. 2	Weisinger Water Well, Inc.	1984	450	6, 4	40	410 - 450	EVGL	203	66	10-02-84	P	400	--	D
TS-60-44-210	Waters Edge, Well No. 1	Weisinger Water Well, Inc.	1984	764	8, 6	60	704 - 764	EVGL	203	102	10-15-84	P	500	--	D
TS-60-44-211	Waters Edge, Well No. 2	Weisinger Water Well, Inc.	1984	480	8, 6	40	440 - 480	EVGL	218	80	11-05-84	P	500	--	D
TS-60-44-212	Lake Forest Falls	Coastal Water Wells, Inc.	1989	477	5, 2	20	457 - 477	EVGL	203	70	04-08-89	P	60	--	D
TS-60-44-213	Lake Forest Falls	Weisinger Water Well, Inc.	1985	481	4, 2	20	461 - 481	EVGL	203	62	04-26-85	P	100	--	--
TS-60-44-312	Willow Ridge Estates	Bussell and Son, Inc.	1983	430	6, 4	40	390 - 430	EVGL	145	110	03-15-83	P	170	26	D
TS-60-44-313	Wedgewood Golf Course, Well No. 1	Weisinger Water Well, Inc.	1985	660	6, 4	52	608 - 660	EVGL	148	123	09-09-85	I	250	--	D
TS-60-44-314	Wedgewood Golf Course, Well No. 2	Weisinger Water Well, Inc.	1985	660	6, 4	52	608 - 660	EVGL	148	124	09-17-85	I	150	--	D
TS-60-44-315	Conroe Greenhouses	Weisinger Water Well, Inc.	1981	415	4, 2	15	400 - 415	EVGL	260	114	05-18-81	I	75	--	W
TS-60-45-113	Dailey Oil Tool	Weisinger Water Well, Inc.	1984	540	6, 4	40	500 - 540	EVGL	260	148	05-21-84	I	148	--	D
TS-60-45-114	Gilmore's Florist and Nursery, Inc.	Weisinger Water Well, Inc.	1984	128	4, 2	10	118 - 128	CHCT	263	51	08-06-84	I	30	--	D
TS-60-45-207	City of Conroe, Well No. 13	Layne-Texas Co.	1984	1,095	16, 10	175	830 - 1,090	EVGL	240	157	07-25-84	P	1,005	202	D,W,Q,E

Table 9.--Records of wells in Montgomery County--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of well (inches)	Well screen		Water bearing unit	Altitude of land surface (feet)	Below land surface (feet)	Well level Date of measurement	Use of water	Discharge (gallons per minute)	Drawdown (feet)	Type of data available
						Total length (feet)	Depth interval (feet)								
TS-60-45-208	City of Conroe, Well No. 12	Layne-Texas Co.	1984	1,135	16, 10	160	840 - 1,135	EVGL	225	143	07-02-84	P	1,022	129	D, W, Q, E
TS-60-45-303	Western Waste Industry of Texas	Custom Coring, Inc.	1987	93	4	10	78 - 88	CHCT	210	26	02-20-87	U	--	--	--
TS-60-45-304	Western Waste Industry of Texas	Custom Coring, Inc.	1987	98	6, 4	10	88 - 98	CHCT	207	32	03-03-87	N	--	--	D
TS-60-45-412	Harris-Galveston Coastal Subsidence District, Conroe Well No. 1	Texas Water Development Board	1989	261	4	20	241 - 261	EVGL	240	74.50	10-19-89	O	--	--	D, W
TS-60-45-413	Harris-Galveston Coastal Subsidence District, Conroe Well No. 2	Texas Water Development Board	1989	109.5	4	10	99.5 - 109.5	CHCT	240	49.70	10-19-89	O	--	--	W
TS-60-45-414	Harris-Galveston Coastal Subsidence District, Conroe Well No. 3	Texas Water Development Board	1989	80	4	10	70 - 80	CHCT	240	52.38	10-20-89	O	--	--	W
TS-60-45-513	Weisinger Water Well, Inc.	Weisinger Water Well, Inc.	1977	168	4, 2	10	158 - 168	CHCT	196	38	01-29-77	P	60	--	D
TS-60-45-613	Crystal Creek Grocery	Weisinger Water Well, Inc.	1975	250	2	5	245 - 250	EVGL	210	--	--	P	--	--	D
TS-60-45-714	City of Conroe, Sewage Plant	Weisinger Water Well, Inc.	1984	550	6, 4	40	500 - 540	EVGL	120	82	04-17-84	N	300	--	D, W
TS-60-50-305	City of Magnolia, Well No. 4	Schoppa Water Well Service	1985	622	8, 4	50	572 - 622	EVGL	270	180	07-30-85	P	--	--	D, W

Table 9 -- Records of wells in Montgomery County -- Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of well (inches)	Well screen		Water bearing unit	Altitude of land surface (feet)	Below land surface (feet)	Well level Date of measurement	Use of water	Discharge (gallons per minute)	Drawdown (feet)	Type of data available
						Total length (feet)	Depth interval (feet)					of water	per minute)		
TS-60-50-610	Woodlands Lakes Civic Club, South Well	Weisinger Water Well, Inc.	1984	305	6, 4	20	285 - 305	EVGL	255	74	01-30-84	P	100	--	D
TS-60-50-611	Clover Creek	Buswell and Son, Inc.	1986	338	6, 4	30	308 - 338	EVGL	207	80	01-08-86	P	150	30	D
TS-60-51-104	Southwest Utilities	Raymond Water Wells	1986	340	5, 3	30	310 - 340	EVGL	240	50	06-18-86	P	73	5	D
TS-60-51-513	Northwest Water Systems, Hazy Hollow, Well No. 1-A	Waller County Water Wells	1988	415	5, 3	25	390 - 415	EVGL	252	133	06-10-88	P	60	10	D, W
TS-60-51-603	Silver Springs Baptist Church	Tri-County Water Wells	1987	286	5, 2	26	260 - 286	EVGL	208	--	--	P	80	--	D
TS-60-51-704	Blue Bell Manor Utilities Dog Wood Hills	B. J. Swinehart, Co.	1985	353	6, 4	20	333 - 353	EVGL	221	65	05-85	P	--	--	D
TS-60-51-906	Klein Memorial Park	Bode Drilling Co.	1985	274	4, 2	25	249 - 274	EVGL	192	45	06-24-85	I	85	--	W
TS-60-51-907	Pinehurst-Decker Prairie	H and H Water Well Drilling	1985	720	10, 6	--	--	EVGL	189	175	10-21-85	P	250	49	W
TS-60-52-107	Cimarron Way	Coastal Water Wells, Inc.	1987	290	6, 4	30	260 - 290	EVGL	203	80	10-16-87	P	90	20	D
TS-60-52-603	The Woodlands Corp., Well No. 6	Layne-Western Co., Inc.	1984	1,005	16, 10	298	695 - 983	EVGL	161	211	02-06-84	P	900	56	D
TS-60-53-210	Elson Building Material, Inc.	Weisinger Water Well, Inc.	1984	222	4, 2	10	212 - 222	EVGL	125	27	02-24-84	N	80	--	D
TS-60-53-514	City of Shenandoah, Well No. 2	Lanford Drilling Co., Inc.	1984	985	16, 8	185	725 - 970	EVGL	147	206.21	06-04-84	P	750	75	D, W, Q, E

Table 9. --Records of wells in Montgomery County--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Dia- meter of well (inches)	Well screen		Water- bearing unit	Altitude of land surface (feet)	Well level Date of measurement	Use of water	Dis- charge (gallons per minute)	Draw- down (feet)	Type of data available
						Total length (feet)	Depth interval (feet)							
TS-60-53-515	Conroe Independent School District, Oakridge North Junior High	Weisinger Water Well, Inc.	1985	520	8, 6	42	478 - 520	EVGL	145	03-11-85	I	450	--	D
TS-60-53-822	J.C. Egan	Weisinger Water Well, Inc.	1984	370	6, 4	20	350 - 370	EVGL	122	04-04-84	P	200	--	D
TS-60-54-306	Crystal Springs Water Co., Whispering Pines, Well No. 2	Lowe Water Wells, Inc.	1986	218	5, 3	18	200 - 218	EVGL	133	01-23-86	P	--	--	D, W
TS-60-54-405	Charles Short	Coastal Water Wells, Inc.	1967	215	2	10	205 - 215	EVGL	95	--	H	--	--	--
TS-60-54-609	Crystal Springs Water Co., Deer Glen, Well No. 3	Lowe Water Wells, Inc.	1984	402	5, 3	20	382 - 402	EVGL	112	05-29-84	P	--	--	D
TS-60-54-610	Crystal Springs Water Co., Deer Glen, Well No. 4	Lowe Water Wells, Inc.	1986	237	5, 3	20	217 - 237	CHCT	112	04-26-86	P	--	--	W
TS-60-54-611	Crystal Springs Water Co., Deer Glen, Well No. 5	Lowe Water Wells, Inc.	1986	420	5, 3	20	395 - 415	EVGL	111	05-02-86	P	--	--	W
TS-60-54-702	Morris Sand and Gravel	Metro Gravel	1983	90	4	10	80 - 90	CHCT	95	--	N	--	--	--
TS-60-54-804	Porter W.S.C., Well No. 4	Lanford Drilling Co., Inc.	1980	560	12, 8, 6	120	400 - 550	EVGL	117	07-30-80	P	402	93	W
TS-60-54-906	Crystal Springs Water Co.	Lowe Water Wells, Inc.	1987	403	5, 3	25	378 - 403	EVGL	118	09-14-87	P	72	--	D
TS-60-55-314	Spendora W.S.C., Well No. 4	Timmeys Sessum	1985	420	10, 6	105	290 - 395	EVGL	120	09-03-85	P	590	105.7	W
TS-60-55-708	New Caney M.U.D., Well No. 1	Lanford Drilling Co., Inc.	1984	620	16, 10	127	465 - 616	EVGL	102	07-10-84	P	800	61	D,Q

Table 9.--Records of wells in Montgomery County--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Dia- meter of well (inches)	Well screen		Water- bearing unit	Alt- tude of land surface (feet)	Well level	Use of water	Dis- charge (gallons per minute)	Draw- down (feet)	Type of data avail- able
						Total length (feet)	Depth interval (feet)		of land surface (feet)	Below land surface measurement (feet)				
TS-60-55-709	Montgomery County Precinct 4, Albert Sallas Park	Lowe Water Wells, Inc.	1987	276	5, 3	20	256 - 276	CHCT	111	68	I	150	--	D
TS-60-61-307	Spring Creek U.D., Well No. 2	Layne-Texas Co.	1984	506	20, 14	145	310 - 506	EVGL	103	126	P	1,005	57	D,Q
TS-60-63-109	Porter W.S.C.	H and H Water Well Drilling	1987	770	20, 12	100	574 - 770	EVGL	97	125	P	1,018	145	D
TS-60-63-110	Flying Farms	Lowe Water Wells, Inc.	1988	95	--	10	85 - 95	CHCT	90	--	H	--	--	--
TS-60-63-404	Montgomery County M.U.D. 59, Well No. 1	Lanford Drilling Co., Inc.	1984	1,046	16, 10	128	790 - 1,036	EVGL	81	160	P	1,000	95	D,Q,E

Table 10.--Drillers' logs of wells in Montgomery County

Owner : U.D., Utility Distrit; M.U.D., Municipal Utility District; W.S.C., Water Supply Corporation
 Symbol: --, Lithology is less than 1 foot in thickness

Well TS-60-26-502
 Owner: George Bishop
 Driller: Holly Water Wells

Description	Thick-ness (feet)	Depth (feet)
Topsoil	4	4
Clay, mealy	20	24
Clay, white	10	34
Clay, blue	10	44
Clay, mealy and sand streaks	20	64
Clay, mealy	40	104
Sand streaks	20	124
Clay, mealy	8	132
Rock and sand streaks	12	144
Clay, blue	10	154
Sand streaks	22	176
Sand	38	214
Sand and gravel	17	231

Well TS-60-35-908
 Owner: Del Lago
 Driller: Bussell and Son, Inc.

Description	Thick-ness (feet)	Depth (feet)
Sand and clay streaks	272	272
Clay	188	460
Sand	22	482
Clay	4	486
Sand	14	500
Clay	3	503

Well TS-60-35-909
 Owner: Stanley Lakes
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	58	58
Rock	6	64
Sand	4	68
Clay	20	88
Sand	38	126
Clay	7	133

Well TS-60-35-909--Continued

Sand	21	154
Clay	32	186
Sand	40	226
Clay	35	261
Sand	25	286
Clay	240	526
Rock	4	530
Sand	53	583
Clay	5	588
Sand	4	592
Sand and clay	12	604
Sand	8	612
Sand and clay	4	616
Sand and rock	9	625
Clay	23	648

Well TS-60-36-406
 Owner: Clear Water Cove
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	100	100
Sand and rock	15	115
Clay with rock	50	165
Sand	15	180
Clay	15	195
Sand	35	230
Clay	70	300
Sand	37	337
Sand with clay	8	345
Clay	50	395
Sand, coarse	70	465

Well TS-60-36-407
 Owner: Bentwater Joint Venture
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	18	18
Sand	21	39

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-36-407--Continued

Clay and rock	35	74
Sand	28	102
Clay	17	119
Sand	22	141
Clay	3	144
Sand	36	180
Clay	100	280
Sand	33	313
Clay	4	317
Sand	3	320
Clay	9	329
Clay	89	418
Sand	44	462

Well TS-60-36-609
 Owner: Far Hills U.D.
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay and rock	45	45
Rock	3	48
Clay	62	110
Rock	3	113
Clay	20	133
Rock	2	135
Clay	55	190
Sand	30	220
Clay	9	229
Sand	13	242
Rock	6	248
Clay	12	260
Sand	9	269
Clay	26	295
Sand	50	345
Clay	5	350
Sand	32	382
Clay	8	390
Sand	15	405
Sand and rock	10	415
Clay	150	565

Well TS-60-36-609--Continued

Clay and rock	20	585
Clay	40	625
Sand	20	645

Well TS-60-37-108
 Owner: Louis Fritsche, The Fish Pond
 Driller: AAA Water Wells

Description	Thick-ness (feet)	Depth (feet)
Topsoil, sandy	4	4
Clay, red	4	8
Clay, yellow and white	3	11
Clay, red and yellow	11	22
Clay and rock; yellow, gray and white	33	55
Clay, brown and gray	22	77
Rock and clay; gray and brown	66	143
Clay and rock; gray and brown	44	187
Shale and sand; brown	11	198
Rock and sand; light brown	77	275

Well TS-60-37-412
 Owner: City of Willis, Well No. 4
 Driller: Layne-Texas Co.

Description	Thick-ness (feet)	Depth (feet)
Clay and iron ore	20	20
Sand and clay streaks	12	32
Clay	224	256
Shale	32	288
Shale with sand streaks	5	293
Shale	25	318
Shale, sandy	4	322
Shale	20	342
Sand streaks and shale	10	352
Shale	14	366
Sand	3	369
Shale	21	390
Sand streaks and shale	36	426
Shale	28	454
Sand and shale streaks	41	495
Shale	10	505

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-37-412--Continued

Sand and shale streaks	35	540
Lime, hard gravel and shale	6	546
Shale	34	580
Sand	5	585
Shale	31	616
Sand	4	620
Shale	22	642
Shale, sandy with a little gravel	33	675
Sand and shale streaks	55	730
Shale	30	760
Sand and shale streaks	4	764
Shale	10	774
Sand and shale streaks	74	848
Shale	6	854
Sand and shale streaks	15	869
Shale	8	877
Sand and shale streaks	12	889
Shale	35	924
Sand, shale and lime streaks	49	973
Shale	16	989
Sand	18	1,007
Sand with a few shale streaks	69	1,076
Shale	55	1,131
Lime, hard with streaks and shale	26	1,157
Shale	32	1,189
Sand and a few streaks of shale	12	1,201
Shale with two small streaks of sand	99	1,300

Well TS-60-44-112
 Owner: Montgomery Co. M.U.D. No. 3
 Driller: O'Day Drilling Co., Inc.

Description	Thick- ness (feet)	Depth (feet)
Fill	2	2
Sand	48	50
Clay	115	165
Sand	17	182
Clay	48	230
Sand and clay	76	306

Well TS-60-44-112--Continued

Clay	34	340
Sand	30	370
Clay	260	630
Sand and clay	20	650
Sand	18	668
Sand and clay	3	671
Sand	37	708
Sandy clay	4	712
Sand	18	730
Clay	10	740

Well TS-60-44-113
 Owner: Lake Conroe Village
 Driller: Weisinger Water Well, Inc.

Description	Thick- ness (feet)	Depth (feet)
Sand and clay	69	69
Clay and rock	23	92
Sand and rock	8	100
Sand and clay	64	164
Rock	1	165
Sand and clay	54	219
Clay and rock	2	221
Sand and rock	8	229
Clay	7	236
Sand and clay	18	254
Clay	5	259
Sand and clay	177	436
Shale	10	446
Clay	54	500
Shale	28	528
Shale	56	584
Shale	6	590
Clay	34	624
Sand	15	639
Rock	2	641
Sand	41	682
Rock	2	684
Shale	26	710

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-44-208
 Owner: Westmont, Well No. 1
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	50	50
Sand	32	82
Sand and rock	20	102
Rock	5	107
Clay	25	132
Sand	11	143
Clay and rock	41	184
Clay	31	215
Rock	1	216
Clay	7	223
Clay and rock	20	243
Clay	47	290
Sand	25	315
Clay	75	390
Rock	3	393
Sand	57	450
Clay	20	470
Sand	50	520

Well TS-60-44-209
 Owner: Westmont, Well No. 2
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	50	50
Sand	35	85
Sand and rock	17	102
Rock	3	105
Clay	28	133
Sand	11	144
Clay and rock	41	185
Clay	40	225
Clay and rock	20	245
Clay	40	285
Sand	30	315
Clay	78	393

Well TS-60-44-209--Continued

Rock	1	394
Sand	56	450

Well TS-60-44-210
 Owner: Waters Edge, Well No. 1
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay and rock	55	55
Sand and rock	17	72
Clay	43	115
Sand and rock	17	132
Clay and clay rock streaks	43	175
Sand	14	189
Clay	10	199
Sand	6	205
Clay	49	254
Sand	24	278
Clay	4	282
Sand	9	291
Clay	5	296
Sand, broken with clay streaks	36	332
Clay	20	352
Sand	44	396
Clay and shale	44	440
Sand	40	480
Clay	20	500
Sand	6	506
Clay	12	518
Sand and shale	32	550
Clay	170	720
Sand	37	757
Sand, hard and rock	7	764
Shale	3	767

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-44-211
 Owner: Waters Edge, Well No. 2
 Driller: Weisinger Water Well, Inc.

Description	Thick- ness (feet)	Depth (feet)
Clay and rock	55	55
Sand and rock	17	72
Clay	43	115
Sand and rock	17	132
Clay and rock streaks	43	175
Sand	14	189
Clay	10	199
Sand	6	205
Clay	49	254
Sand	24	278
Clay	4	282
Sand	9	291
Clay	5	296
Sand, broken with clay streaks	36	332
Clay	20	352
Sand	44	396
Clay and shale	44	440
Sand	40	480

Well TS-60-44-212
 Owner: Lake Forest Falls
 Driller: Coastal Water Wells, Inc.

Description	Thick- ness (feet)	Depth (feet)
Sand	7	7
Clay	53	60
Sand	20	80
Clay	75	155
Sand	25	180
Clay and rock	20	200
Sand	10	210
Clay	55	265
Sand	15	280
Clay and rock	40	320
Sand	25	345
Clay and rock	83	428
Sand	23	451

Well TS-60-44-212--Continued

Clay and shale	7	458
Sand	19	477

Well TS-60-44-312
 Owner: Willow Ridge Estates
 Driller: Bussell and Son, Inc.

Description	Thick- ness (feet)	Depth (feet)
Sand	4	4
Clay	13	17
Sand	18	35
Clay	85	120
Sand	8	128
Clay	7	135
Rock and silt streaks	32	167
Sand	23	190
Clay, sandy	103	293
Sand	17	310
Clay, tough	38	348
Sand	30	378
Clay	8	386
Sand	44	430

Well TS-60-44-313
 Owner: Wedgewood Golf Course, Well No. 1
 Driller: Weisinger Water Well, Inc.

Description	Thick- ness (feet)	Depth (feet)
Sand	22	22
Clay	28	50
Sand	25	75
Clay	65	140
Rock	5	145
Clay	30	175
Rock	1	176
Clay	14	190
Rock	2	192
Clay	48	240
Rock	3	243
Clay	61	304
Rock	2	306

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-44-313--Continued

Clay	14	320
Rock	3	323
Sand and rock	13	336
Clay	44	380
Sand	30	410
Clay	6	416
Sand and rock	24	440
Clay	40	480
Sand	40	520
Clay	50	570
Rock	2	572
Sand	24	596
Clay	38	634
Sand	26	660

Well TS-60-44-314
 Owner: Wedgewood Golf Course, Well No. 2
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Sand	22	22
Clay	28	50
Sand	25	75
Clay	65	140
Rock	5	145
Clay	30	175
Rock	1	176
Clay	14	190
Rock	2	192
Clay	48	240
Rock	3	243
Clay	61	304
Rock	2	306
Clay	14	320
Rock	3	323
Sand and rock	13	336
Clay	44	380
Sand	30	410
Clay	6	416
Sand and rock	24	440

Well TS-60-44-314--Continued

Clay	40	480
Sand	40	520
Clay	50	570
Rock	2	572
Sand	24	596
Clay	38	634
Sand	26	660

Well TS-60-45-113
 Owner: Dailey Oil Tool
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	30	30
Sand	15	45
Clay	33	78
Sand	42	120
Clay	20	140
Sand	12	152
Clay	33	185
Clay and rock	20	205
Clay	20	225
Rock	2	227
Clay	17	244
Clay and rock	21	265
Clay	35	300
Rock	3	303
Clay	19	322
Rock	2	324
Clay	11	335
Rock	1	336
Clay	47	383
Rock	3	386
Clay	12	398
Rock	2	400
Clay	15	415
Rock	1	416
Clay	51	467
Rock	2	469

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-45-113--Continued

Clay	11	480
Sand	60	540

Well TS-60-45-114
 Owner: Gilmore's Florist and Nursery, Inc.
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	24	24
Sand	6	30
Clay	24	54
Sand	74	128

Well TS-60-45-207
 Owner: City of Conroe, Well No. 13
 Driller: Layne-Texas Co.

Description	Thick-ness (feet)	Depth (feet)
Topsoil clay	20	20
Sand	23	43
Clay	19	62
Sand	31	93
Clay	10	103
Sand	32	135
Clay	135	270
Clay with lime and sand streaks	30	300
Clay	187	487
Sand and shale	11	498
Clay	72	570
Sand	29	599
Sand and shale	13	612
Shale	7	619
Sand and shale layers	39	658
Shale	172	830
Sand, fine	20	850
Shale	15	865
Sand	36	901
Shale and hard, broken sand	23	924
Sand and shale layers	13	937
Shale	12	949
Sand and shale layers	86	1,035

Well TS-60-45-207--Continued

Sand and broken shale	18	1,053
Shale	13	1,066
Sand, shale and hard streaks	26	1,092
Shale and hard streaks	31	1,123
Sand	20	1,143
Shale	104	1,247
Shale and lime	37	1,284
Shale and hard streaks	66	1,350

Well TS-60-45-208
 Owner: City of Conroe, Well No. 12
 Driller: Layne-Texas Co.

Description	Thick-ness (feet)	Depth (feet)
Topsoil	1	1
Clay	10	11
Clay and sandy clay streaks	5	16
Clay	21	37
Sand	24	61
Clay and sand	2	63
Sand and clay streaks	2	65
Sand	2	67
Sand and gravel	15	82
Rock and clay streaks	7	89
Clay	6	95
Sand	16	111
Sand, gravel and clay streaks	33	144
Gravel and sand	10	154
Gravel, sand and clay streaks	25	179
Clay and rock	3	182
Clay and sandy clay	12	194
Sandy clay and sand streaks	6	200
Clay and sandy clay	7	207
Shale and lime streaks	1	208
Shale and clay streaks	17	225
Clay and sandy clay	15	240
Clay, shale and lime streaks	15	255
Clay and sandy clay	10	265
Clay	6	271
Clay and sandy clay streaks	17	288

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-45-208--Continued			Well TS-60-45-208--Continued		
Lime	1	289	Sand and clay streaks	11	868
Clay	55	344	Lime	1	869
Lime	1	345	Sand and clay	3	872
Clay and lime streaks	36	381	Clay and lime streaks	8	880
Clay and sandy clay streaks	6	387	Shale, lime streaks and clay	15	895
Clay and sand streaks	9	396	Clay and sandy clay	2	897
Clay and sandy clay streaks	3	399	Sand and clay streaks	9	906
Sand	6	405	Sand	5	911
Clay	9	414	Clay	25	936
Clay and sandy clay streaks	15	429	Sand and clay streaks	30	966
Clay	20	449	Lime streaks, sand and clay streaks	34	1,000
Clay and shale streaks	33	482	Clay and sandy clay	3	1,003
Clay, sandy clay and shale streaks	7	489	Lime streaks and sand	16	1,019
Sand and clay	10	499	Lime and clay streaks	2	1,021
Clay and shale	3	502	Lime and sand	2	1,023
Sand and clay streaks	13	515	Lime	1	1,024
Clay, shale and sand streaks	48	563	Sand	3	1,027
Sand and clay streaks	15	578	Lime streaks and sand	9	1,036
Clay and sand streaks	75	653	Clay, lime streaks and shale	8	1,044
Clay and shale	12	665	Clay, shale and lime	21	1,065
Shale and sandy shale streaks	18	683	Clay, sand and shale	19	1,084
Clay and sandy clay	16	699	Clay, shale and a few sand streaks	40	1,124
Clay, lime and sand streaks	20	719	Clay and sand	16	1,140
Shale and lime streaks	12	731	Clay, shale and a few sand streaks	25	1,165
Shale	21	752	Shale and clay streaks	10	1,175
Shale, sand and lime streaks	8	760	Shale and a few sand streaks	5	1,180
Shale and clay streaks	7	767	Clay and shale	7	1,187
Shale and a few sand streaks	21	788	Sand and clay streaks	9	1,196
Shale, clay and lime streaks	12	800	Clay, sandy clay and lime	3	1,199
Shale	23	823	Sand, shale and clay streaks	27	1,226
Clay and shale	7	830	Shale, clay and lime streaks	29	1,255
Clay and sandy clay streaks	3	833	Clay and sand streaks	4	1,259
Sand and clay streaks	9	842	Lime	2	1,261
Clay	4	846	Sand, clay and lime streaks	7	1,268
Sand and clay streaks	3	849	Lime	2	1,270
Clay, sandy clay and sand streaks	4	853	Sand, clay and lime streaks	31	1,301
Sand	2	855	Lime	1	1,302
Clay	2	857	Shale and clay	2	1,304

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-45-208--Continued

Sand and clay streaks	5	1,309
Shale and a few sand streaks	7	1,316
Lime	1	1,317
Shale and clay streaks	28	1,345
Shale and lime streaks	5	1,350

Well TS-60-45-304
 Owner: Western Waste Industry of Texas
 Driller: Custom Coring, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clayey silt, brown	3	3
Sandy clay, tan and gray	9	12
Clay, light gray	22	34
Clay, red-brown	34	68
Silty clay, red-brown	14	82
Sand, medium to coarse, brown with clay layers	5	87
Sand, fine, brown	11	98

Well TS-60-45-412
 Owner: Harris-Galveston Coastal Subsidence District,
 Conroe Well No. 1
 Driller: Texas Water Development Board

Description	Thick-ness (feet)	Depth (feet)
Topsoil	3	3
Clay, red	2	5
Sand, red	3	8
Sand, tan	8	16
Sand and clay	9	25
Clay and sand	7	32
Clay, tan	33	65
Sand, tan	13	78
Sand, coarse	10	88
Coarse sand and pea gravel	31	119
Gravel, pea	4	123
Sand, fine	6	129
Sand and clay	6	135
Clay and some sand	60	195
Clay	22	217
Sand and some clay	53	270

Well TS-60-45-513
 Owner: Weisinger Water Well, Inc.
 Driller: Weisinger Water Well Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	85	85
Sand	40	125
Clay	25	150
Sand	18	168

Well TS-60-45-613
 Owner: Crystal Creek Grocery
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Sand	25	25
Clay	22	47
Rock and clay	7	54
Clay	16	70
Rock	2	72
Clay	68	140
Rock	1	141
Clay	8	149
Rock	1	150
Clay	10	160
Rock	1	161
Clay	9	170
Rock	1	171
Clay	34	205
Rock	1	206
Clay	9	215
Rock	1	216
Clay	20	236
Sand	14	250

Well TS-60-45-714
 Owner: City of Conroe, Sewage Plant
 Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Sand	60	60
Clay	15	75
Sand	13	88

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-45-714--Continued

Clay	14	102
Sand	16	118
Rock	4	122
Sand	8	130
Clay	5	135
Sand	37	172
Clay	28	200
Rock	4	204
Clay and rock	21	225
Clay	43	268
Rock	1	269
Clay	31	300
Sand	5	305
Rock	3	308
Clay	11	319
Rock	1	320
Clay	25	345
Clay and rock	10	355
Sand	8	363
Clay and rock	22	385
Clay	35	420
Rock	2	422
Clay and rock	23	445
Clay	30	475
Rock	1	476
Clay	24	500
Sand	40	540
Clay	10	550

Well TS-60-50-305

Owner: City of Magnolia, Well No. 4
Driller: Schoppa Water Well Service

Description	Thick- ness (feet)	Depth (feet)
Topsoil	2	2
Clay	76	78
Sand	78	156
Clay	4	160
Sand	12	172
Clay	14	186

Well TS-60-50-305--Continued

Sand	8	194
Rock	10	204
Rock and sand, mixed	6	210
Sand	2	212
Rock	6	218
Sand	20	238
Sand and clay, mixed	2	240
Sand	18	258
Clay	47	305
Sand	8	313
Clay	109	422
Rock	1	423
Clay	17	440
Rock	1	441
Clay	4	445
Sand	3	448
Rock	2	450
Clay	30	480
Rock	1	481
Clay	39	520
Rock	1	521
Clay	14	535
Sand	29	564
Clay	16	580
Sand	44	584
Sand and clay	12	596
Sand	26	622

Well TS-60-50-610

Owner: Woodlands Lakes Civic Club, South Well
Driller: Weisinger Water Well, Inc.

Description	Thick- ness (feet)	Depth (feet)
Clay	45	45
Sand	15	60
Clay	100	160
Sand	20	180
Clay	20	200
Sand	4	204
Sand and rock	8	212

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-50-610--Continued

Clay	18	230
Rock	5	235
Sand	8	243
Rock	2	245
Sand	12	257
Clay	16	273
Sand	32	305

Well TS-60-50-611
 Owner: Clover Creek
 Driller: Bussell and Son, Inc.

Description	Thick-ness (feet)	Depth (feet)
Topsoil and clay	67	67
Surface sand	33	100
Clay	7	107
Sand	8	115
Clay, sandy	9	124
Sand	43	167
Clay	97	264
Rock, hard and sand streaks	2	266
Rock	1	267
Sand	6	273
Clay	12	285
Claystone, broken	11	296
Sand	42	338

Well TS-60-51-104
 Owner: Southwest Utilities
 Driller: Raymond Water Wells

Description	Thick-ness (feet)	Depth (feet)
Iron ore, red	20	20
Iron ore clay	20	40
Clay and sand	20	60
Clay and sand	20	80
Sand	20	100
Sand and clay	20	120
Sand	20	140
Sand and clay	20	160
Clay	20	180

Well TS-60-51-104--Continued

Clay, sand and sand streaks	20	200
Clay, sand and sand streaks	20	220
Sand, clay and sand streaks	20	240
Sand and iron ore	20	260
Sand	20	280
Sand	20	300
Sand	10	310
Sand	10	320
Sand	8	328
Rock	7	335
Sand	5	340

Well TS-60-51-513
 Owner: Northwest Water System, Hazy Hollow Well No. 1-A
 Driller: Waller County Water Wells

Description	Thick-ness (feet)	Depth (feet)
Clay, red	26	26
Sand, red	23	49
Clay, brown	5	54
Sand, red	17	71
Clay, brown, sticky	62	133
Sand, white	27	160
Clay, brown	3	163
Sand, coarse, white	64	227
Clay, white	18	245
Sand, white	7	252
Clay, purple	75	327
Limestone	3	330
Shale	53	383
Sand, brown and rock	32	415

Well TS-60-51-603
 Owner: Silver Spring Baptist Church
 Driller: Tri-County Water Wells

Description	Thick-ness (feet)	Depth (feet)
Clay, red	60	60
Sand	68	128
Clay	24	152
Sand	79	231

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-51-603--Continued

Clay	9	240
Sand	46	286

Well TS-60-51-704

Owner: Blue Bell Manor Utilities, Dog Wood Hills
Driller: B.J. Swinehart, Co.

Description	Thick-ness (feet)	Depth (feet)
Surface	3	3
Clay	92	95
Sand	28	123
Clay	6	129
Sand	43	172
Clay and sand streaks	51	223
Sand	38	261
Clay	16	277
Sand	75	352
Unrecorded	1	353

Well TS-60-52-107

Owner: Cimarron Way
Driller: Coastal Water Wells, Inc.

Description	Thick-ness (feet)	Depth (feet)
Surface sand	10	10
Clay	62	72
Sand and gravel	18	90
Clay	75	165
Sand and rock streaks	26	191
Clay	69	260
Sand	30	290
Clay	55	345
Sand	9	354
Rock	11	365
Clay	55	420
Sand and rock	8	428
Clay	122	550

Well TS-60-52-603

Owner: The Woodlands Corp., Well No. 6
Driller: Layne-Western Co., Inc.

Description	Thick-ness (feet)	Depth (feet)
Unrecorded	40	40
Clay	40	80
Gravel and sand	20	100
Clay, sticky	12	112
Sand	28	140
Clay and sand	10	150
Clay	30	180
Sand and clay	35	215
Clay	3	218
Sand	7	225
Clay	5	230
Sand	24	254
Clay	3	257
Sand	93	350
Clay	35	385
Sand and clay	10	395
Clay	93	488
Sand and clay	3	491
Rock, hard	1	492
Sand and clay	9	501
Clay	63	564
Clay with sand	21	585
Clay	111	696
Sand and shale	34	730
Shale	30	760
Shale and sand	15	775
Shale	15	790
Sand	10	800
Shale	64	864
Sand with shale streaks	16	880
Shale	56	936
Sand	9	945
Shale	24	969
Sand	21	990
Sand and shale	10	1,000

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-52-603--Continued

Shale	--	1,000
Unrecorded	5	1,005

Well TS-60-53-210

Owner: Bison Building Material, Inc.
Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Sand	110	110
Clay	26	136
Sand and rock	26	162
Clay	18	180
Rock	3	183
Sand and rock	20	203
Sand	19	222

Well TS-60-53-514

Owner: City of Shenandoah, Well No. 2
Driller: Lanford Drilling Co., Inc.

Description	Thick-ness (feet)	Depth (feet)
Surface	3	3
Clay	8	11
Sand and gravel	34	45
Clay	13	58
Sand and gravel	61	119
Shale, sandy	46	165
Sand	40	205
Shale	15	220
Sand with shale streaks	85	305
Shale	27	332
Sand	33	365
Shale	40	405
Shale, sandy	25	430
Sand	60	490
Shale	160	650
Sand	18	668
Shale and sandy shale	57	725
Sand	130	855
Shale	25	880
Sand	45	925

Well TS-60-53-514--Continued

Shale	35	960
Sand	10	970
Shale and sandy shale streaks	245	1,215
Sand and sandy shale	55	1,270
Shale, sandy	47	1,317

Well TS-60-53-515

Owner: Conroe Independent School District, Oakridge North Junior High
Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	38	38
Sand	42	80
Clay	15	95
Sand	15	110
Clay	68	178
Sand	42	220
Clay	46	266
Sand	39	305
Clay and rock	25	330
Sand	35	365
Clay and rock	70	435
Sand	90	525
Clay	15	540

Well TS-60-53-822

Owner: J.C. Egan
Driller: Weisinger Water Well, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	20	20
Sand	95	115
Rock	20	135
Rock	1	136
Clay	7	143
Rock	5	148
Clay	47	195
Rock	1	196
Sand	14	210
Clay	10	220
Sand	10	230

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-53-822--Continued

Clay	15	245
Clay and rock	11	256
Sand	34	290
Rock	3	293
Clay	15	308
Sand	22	330
Clay	15	345
Sand	25	370

Well TS-60-54-306

Owner: Crystal Springs Water Co., Whispering Pines, Well No. 2
Driller: Lowe Water Wells, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	19	19
Sand	13	32
Clay	23	55
Sand	19	74
Clay	23	97
Sand	19	116
Clay	84	200
Sand	18	218

Well TS-60-54-609

Owner: Crystal Springs Water Co. Deer Glen, Well No. 3
Driller: Lowe Water Wells, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	34	34
Sand	38	72
Clay	32	104
Sand	20	124
Clay	29	153
Sand	20	173
Clay	51	224
Sand	52	276
Clay	16	292
Clay	53	345
Sand	5	350
Clay	25	375

Well TS-60-54-609--Continued

Sand	9	384
Sand	18	402
Clay	3	405

Well TS-60-54-906

Owner: Crystal Springs Water Co.
Driller: Lowe Water Wells, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	51	51
Sand	21	72
Clay	16	88
Sand	36	124
Clay	24	148
Sand	24	172
Clay	16	188
Sand	57	245
Clay	132	377
Sand	26	403
Clay	2	405

Well TS-60-55-708

Owner: New Caney M.U.D., Well No. 1
Driller: Lanford Drilling Co., Inc.

Description	Thick-ness (feet)	Depth (feet)
Surface	3	3
Clay	5	8
Gravel and sand	17	25
Shale	8	33
Shale, sandy	12	45
Gravel	55	100
Gravel and sand	19	119
Shale, sandy	16	135
Sand with shale streaks	85	220
Shale	22	242
Sand	13	255
Shale	15	270
Shale, sandy	10	280
Shale	32	312
Sand	88	400

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-55-708--Continued

Shale	40	440
Sand	12	452
Shale, sandy	13	465
Sand	31	496
Shale	24	520
Sand	96	616
Shale	84	700
Shale, sandy	20	720
Shale	50	770
Sand	28	798
Shale	202	1,000
Shale, sandy	15	1,015
Shale	41	1,056
Shale, sandy and sand	15	1,071

Well TS-60-55-709

Owner: Montgomery County Precinct 4, Albert Sallas Park
Driller: Lowe Water Wells, Inc.

Description	Thick-ness (feet)	Depth (feet)
Clay	52	52
Sand	41	93
Clay	17	110
Sand	42	152
Clay	58	210
Sand	66	276
Clay	24	300

Well TS-60-61-307

Owner: Spring Creek U.D., Well No. 2
Driller: Layne-Texas Co.

Description	Thick-ness (feet)	Depth (feet)
Fill dirt	3	3
Sand, gray and shale	7	10
Sand, red	5	15
Clay	3	18
Sand, white and gravel	9	27
Clay, gray	13	40
Clay and sand	7	47
Sand and clay	35	82

Well TS-60-61-307--Continued

Sand	43	125
Sand and shale	55	180
Clay, red	31	211
Clay, sandy and sand layers	44	255
Sand	17	272
Rock and lime	2	274
Shale, sandy	13	287
Sand with shale streaks	8	295
Shale, sandy with sand streaks	15	310
Sand	13	323
Rock	1	324
Sand and rock streaks	6	330
Sand	64	394
Hard shale, sand and lime	13	407
Sand	40	447
Shale, hard	6	453
Sand	81	534
Shale, sandy	22	556

Well TS-60-63-109

Owner: Porter W.S.C.
Driller: H and H Water Well Drilling

Description	Thick-ness (feet)	Depth (feet)
Clay	60	60
Sand	20	80
Clay	20	100
Sand	20	120
Clay	30	150
Sand	30	180
Clay	10	190
Sand	50	240
Clay	70	310
Sand	70	380
Clay	20	400
Sand	40	440
Clay	134	574
Sand	26	600
Clay	48	648
Sand	20	668

Table 10.--Drillers' logs of wells in Montgomery County--Continued

Well TS-60-63-109--Continued

Clay	48	716
Sand	54	770
Clay	7	777

Well TS-60-63-404

Owner: Montgomery Co. M.U.D. 58,
Well No. 1
Driller: Lanford Drilling Co., Inc.

Description	Thick- ness (feet)	Depth (feet)
Clay	45	45
Sand	15	60
Shale	20	80
Gravel	25	105
Sand	25	130
Shale	90	220
Sand with shale streaks	110	330
Shale	30	360
Sand	90	450
Shale	70	520
Sand	65	585
Shale	10	595

Well TS-60-63-404--Continued

Sand	20	615
Shale	175	790
Sand	12	802
Shale	48	850
Sand	20	870
Shale	18	888
Sand	44	932
Shale	22	954
Sand	26	980
Shale	10	990
Sand	10	1,000
Shale	20	1,020
Sand	16	1,036
Shale	39	1,175
Sand	4	1,179
Shale	26	1,205
Sand	7	1,212
Shale	73	1,285
Sand	15	1,300
Shale	10	1,310

Table 11.--Water Levels in wells in Montgomery County

Owner : W.S.C., Water Supply Corporation; M.U.D., Municipal Utility District;
W.C.I.D., Water Control and Improvement District;
Depth : Depth of well
Altitude : Altitude of land surface above sea level
Screen : Top and bottom of screened interval below land surface
Water level: Measured by the U.S. Geological Survey in hundredths of feet below land surface, except as noted

Well TS-60-35-202
Owner: Miss Flower Follett
Depth: 107 feet
Altitude: 327 feet

Date	Water level
08-18-86	49.35
03-25-87	49.80
01-25-88	49.43
01-30-89	49.72

Well TS-60-35-703
Owner: Dobbin-Plantersville
W.S.C., Well No. 2
Screen: 697-760 feet
Altitude: 290 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-13-87	103.60
12-07-87	109.60
02-21-89	111.85

Well TS-60-37-712
Owner: San Jacinto Girl Scout Council,
Camp Arnold
Screen: 500-521 feet
Altitude: 250 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-12-87	112.28
11-13-87	123.90

Well TS-60-37-713
Owner: San Jacinto Girl Scout Council,
Camp Arnold
Screen: 505-520 feet
Altitude: 250 feet
(Measurement reported by the Texas Water Development Board)

Date	Water level
03-12-87	113.47

Well TS-60-43-511
Owner: Keenan W.S.C.
Screen: 342-389 feet
Altitude: 308 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
12-07-87	159.60
02-22-89	162.72

Well TS-60-44-315
Owner: Conroe Greenhouses
Screen: 400-415 feet
Altitude: 260 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-13-87	111.87
11-13-87	119.62

Well TS-60-44-408
Owner: Cliff Monk
Screen: 855-907 feet
Altitude: 255 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-13-87	107.85
12-16-87	116.80
02-22-89	119.00

Well TS-60-44-609
Owner: Wood
Depth: 800 feet
Altitude: 172 feet
(Measurements reported by San Jacinto River Authority)

Date	Water level
04-01-83	11.68
09-30-83	12.54
04-13-84	12.14
10-03-84	16.00
03-08-85	12.34
10-23-85	16.16
03-11-86	12.93
10-09-86	15.70
04-22-87	12.12
10-15-87	14.22
04-15-88	13.54
10-25-88	14.55

Well TS-60-45-207
Owner: City of Conroe,
Well No. 13
Screen: 830-1,090 feet
Altitude: 240 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-09-87	140.05
02-21-89	178.65

Well TS-60-45-208
Owner: City of Conroe,
Well No. 12
Screen: 840-1,135 feet
Altitude: 225 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-09-87	138.38
11-13-87	156.95
02-21-89	177.30

Well TS-60-45-412
Owner: Harris-Galveston Coastal Subsidence District, Conroe
Well No. 1
Screen: 241-261 feet
Altitude: 240 feet

Date	Water level
10-25-89	72.30
12-27-89	82.24

Well TS-60-45-413
Owner: Harris-Galveston Coastal Subsidence District, Conroe
Well No. 2
Screen: 99.5-109.5 feet
Altitude: 240 feet

Date	Water level
10-25-89	52.10
12-27-89	53.22

Table 11.--Water levels in wells in Montgomery County--Continued

Well TS-60-45-414
 Owner: Harris-Galveston
 Coastal Subsidence
 District, Conroe
 Well No. 3
 Screen: 70-80 feet
 Altitude: 240 feet

Date	Water Level
11-01-89	54.80
12-27-89	53.46

Well TS-60-45-503
 Owner: City of Conroe,
 Well No. 4
 Screen: 950-1,320 feet
 Altitude: 212 feet

Date	Water Level
01-17-89	162.99

Well TS-60-45-504
 Owner: City of Conroe,
 Well No. 2
 Screen: 1,099-1,221 feet
 Altitude: 214 feet

Date	Water Level
08-18-86	151.02
03-25-87	133.45
01-25-88	158.84
01-17-89	158.47

Well TS-60-45-507
 Owner: City of Conroe,
 Well No. 3
 Screen: 1,050-1,238 feet
 Altitude: 205 feet

Date	Water Level
08-18-86	131.83
03-25-87	127.41
01-17-89	158.30

Well TS-60-45-704
 Owner: Boy Scouts of
 America, Camp Strake
 Screen: 1,000-1,160 feet
 Altitude: 133 feet
 (Measurements reported by
 San Jacinto River Authority)

Date	Water Level
04-01-83	35.20
09-30-83	45.44
04-12-84	41.82
10-02-84	46.78
03-05-85	49.14
10-23-85	59.98
03-11-86	54.40
10-10-86	60.82
04-23-87	54.78
11-16-87	61.74

Well TS-60-45-704--Cont.

04-14-88	59.95
10-25-88	74.05

Well TS-60-45-714
 Owner: City of Conroe,
 Sewage Plant
 Screen: 500-540 feet
 Altitude: 120 feet
 (Measurements reported by
 the Texas Water Develop-
 ment Board)

Date	Water Level
03-09-87	100.20
11-13-87	107.20
02-22-89	119.10

Well TS-60-45-803
 Owner: Brown Estate
 Depth: 26 feet
 Altitude: 178 feet

Date	Water Level
08-18-86	20.14
03-26-87	15.12
01-25-88	15.36
01-25-89	20.30

Well TS-60-45-809
 Owner: East Plantation
 M.U.D., Well No. 2
 Screen: 698-1,248 feet
 Altitude: 140 feet
 (Measurements reported by
 San Jacinto River Authority)

Date	Water Level
09-23-83	103.76
04-13-84	117.62
10-02-84	118.49
03-05-85	112.40
03-11-86	124.25
10-09-86	117.67
04-22-87	137.80
10-15-87	140.68
10-25-88	162.45

Well TS-60-50-305
 Owner: City of Magnolia,
 Well No. 4
 Screen: 572-622
 Altitude: 270 feet
 (Measurements reported by
 the Texas Water Develop-
 ment Board)

Date	Water Level
03-12-87	192.90
12-16-87	199.95
02-22-89	204.45

Well TS-60-51-513
 Owner: Northwest Water
 Systems, Hazy Hollow
 Well No. 1-A
 Screen: 390-415 feet
 Altitude: 252 feet
 (Measurement reported by
 the Texas Water Develop-
 ment Board)

Date	Water Level
02-24-89	133.75

Well TS-60-51-906
 Owner: Klein Memorial Park
 Screen: 249-274 feet
 Altitude: 192 feet
 (Measurements reported by
 the Texas Water Develop-
 ment Board)

Date	Water Level
03-12-87	45.08
12-16-87	46.20
02-22-89	48.15

Well TS-60-51-907
 Owner: Pinehurst-Decker
 Prairie
 Depth: 720 feet
 Altitude: 189 feet
 (Measurement reported by
 the Texas Water Develop-
 ment Board)

Date	Water Level
02-24-89	192.40

Well TS-60-53-206
 Owner: River Plantation
 M.U.D., Well No. 2
 Screen: 799-1,250 feet
 Altitude: 115 feet
 (Measurements reported by
 San Jacinto River Authority)

Date	Water Level
04-01-83	40.68
04-13-84	36.77
03-05-85	52.05
10-23-85	54.76
03-11-86	50.17
10-09-86	56.95
04-22-87	52.80
11-12-87	58.60
04-14-88	55.25

Table 11.--Water levels in wells in Montgomery County--Continued

Well TS-60-53-209
 Owner: San Jacinto River Authority, Montgomery Co. M.U.D. 39
 Screen: 660-880 feet
 Altitude: 126 feet
 (Measurements reported by owner)

Date	Water level
02-28-85	152.92
10-21-85	169.47
03-11-86	155.35
10-08-86	163.15
04-23-87	172.04
11-13-87	166.40
04-14-88	161.20
10-27-88	183.50
12-01-89	185.00

Well TS-60-53-406
 Owner: San Jacinto River Authority, Woodlands, Well No. 5
 Screen: 1,100-1,605 feet
 Altitude: 155 feet
 (Measurements reported by owner)

Date	Water level
09-23-83	50.29
04-11-84	48.76
10-01-84	55.51
02-27-85	51.40
10-22-85	69.85
03-07-86	54.13
09-17-86	70.76
04-23-87	62.95
10-21-87	69.25
04-19-88	67.35
10-27-88	81.50

Well TS-60-53-514
 Owner: City of Shenandoah, Well No. 2
 Screen: 725-970 feet
 Altitude: 147
 (Measurements reported by the Texas Water Development Board)

Date	Water level
03-11-87	215.74
11-12-87	219.45
02-22-89	231.95

Well TS-60-53-608
 Owner: Indigo Corporation, Huntington Estates
 Screen: 444-790 feet
 Altitude: 115 feet
 (Measurements reported by San Jacinto River Authority)

Date	Water level
10-02-84	140.66
03-05-85	137.62
10-21-85	146.28
03-10-86	146.47
10-08-86	149.44
04-22-87	145.94
11-12-87	149.07
04-14-88	143.02
10-25-88	157.00

Well TS-60-53-708
 Owner: Montgomery Co. W.C.I.D. 1, Timberlakes Estates, Well No. 1
 Screen: 794-1,170 feet
 Altitude: 135 feet
 (Measurements reported by San Jacinto River Authority)

Date	Water level
09-23-83	198.77
04-11-84	204.21
03-07-85	216.38
10-23-85	229.92
03-11-86	227.01
10-15-86	230.78
04-24-87	246.33
10-27-87	244.44
04-19-88	230.35
06-24-88	248.95
10-27-88	261.10
09-27-89	255

Well TS-60-53-709
 Owner: San Jacinto River Authority, Montgomery Co. M.U.D. 6, Well No. 1
 Screen: 700-934 feet
 Altitude: 130 feet
 (Measurements reported by owner)

Date	Water level
03-28-83	185.20
05-08-83	196.76
05-09-83	197.10
09-19-83	205.06
04-11-84	215.88
10-03-84	241.99
02-27-85	225.44
10-24-85	245.30
03-12-86	241.39
10-27-86	243.10

Well TS-60-53-709--Cont.
 05-05-87 242.85
 10-21-87 243.74
 04-20-88 240.35
 10-28-88 269.00

Well TS-60-53-712
 Owner: San Jacinto River Authority, Montgomery Co. M.U.D. 6, Well No. 3
 Screen: 1,168-1,538 feet
 Altitude: 110 feet
 (Measurements reported by owner)

Date	Water level
03-28-83	27.89
09-19-83	35.91
01-22-84	21.66
01-23-84	20.93
01-23-84	20.65
04-13-84	20.10
10-02-84	52.07
02-27-85	29.47
03-07-86	36.75
10-15-86	64.40
05-04-87	69.80
10-21-87	66.49
04-19-88	72.35
10-27-88	67.00

Well TS-60-53-713
 Owner: San Jacinto River Authority, Montgomery Co. M.U.D. 6, Well No. 2
 Screen: 1,150-1,690 feet
 Altitude: 136 feet
 (Measurements reported by owner)

Date	Water level
03-28-83	76.62
09-20-83	64.86
01-21-84	41.95
01-22-84	36.17
01-23-84	34.72
04-11-84	44.98
10-01-84	46.55
02-28-85	42.09
10-22-85	62.28
03-07-86	42.49
10-27-86	55.69
04-23-87	49.52
10-22-87	41.93
04-20-88	63.85
10-26-88	71.10

Table 11.--Water Levels in wells in Montgomery County--Continued

Well TS-60-53-714

Owner: San Jacinto River Authority, Montgomery Co. M.U.D. 6, Well No. 4
Screen: 482-1,032 feet
Altitude: 125 feet
(Measurements reported by owner)

Date	Water level
05-08-83	188.69
09-27-83	191.92
04-11-84	198.78
10-02-84	226.96
03-05-85	209.95
10-22-85	222.00
03-12-86	220.83
09-17-86	230.08
05-04-87	226.58
10-14-87	233.55
04-19-88	222.55
10-27-88	257.30

Well TS-60-53-715

Owner: Montgomery Co. W.C.I.D. 1, Well No. 2
Screen: 710-850 feet
Altitude: 125 feet
(Measurements reported by San Jacinto River Authority)

Date	Water level
04-08-83	206.90
09-23-83	203.62
04-12-84	206.02
10-02-84	234.23
03-07-85	216.47
10-23-85	237.19
03-11-86	227.79
10-10-86	245.27
04-24-87	233.08
10-20-87	237.09
04-19-88	226.05
06-23-88	246.15
10-27-88	270.05

Well TS-60-53-821

Owner: Montgomery Co. M.U.D. 19, Well No. 1
Screen: 620-1,012 feet
Altitude: 125 feet
(Measurements reported by San Jacinto River Authority)

Date	Water level
03-28-83	194.55
09-20-83	203.25
04-11-84	212.53
10-03-84	241.73
03-06-85	232.13

Well TS-60-53-821--Cont.

10-21-85	258.30
03-10-86	223.11
10-14-86	261.20
04-23-87	266.33
11-12-87	246.39
04-15-88	256.90
10-25-88	265.70
10-14-89	287

Well TS-60-53-902

Owner: Montgomery Co. M.U.D. 19, Rayford Road
Screen: 291-415 feet
Altitude: 111 feet
(Measurements reported by San Jacinto River Authority)

Date	Water level
04-01-83	101.00
09-26-83	102.74
04-12-84	100.61
10-03-84	119.51
03-08-85	104.87

10-21-85	119.67
03-12-86	110.44
10-08-86	113.90
04-23-87	112.13
11-12-87	116.93

04-14-88	111.00
10-25-88	126.00

Well TS-60-54-306

Owner: Crystal Springs Water Co., Whispering Pines, Well No. 2
Screen: 200-218 feet
Altitude: 133 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
11-12-87	54.10
02-23-89	54.20

Well TS-60-54-610

Owner: Crystal Springs Water Co., Deer Glen, Well No. 4
Screen: 217-237 feet
Altitude: 112 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-11-87	37.50
11-12-87	40.88
02-23-89	42.40

Well TS-60-54-611

Owner: Crystal Springs Water Co., Deer Glen, Well No. 5
Screen: 395-415 feet
Altitude: 111 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-11-87	58.12
02-23-89	50.22

Well TS-60-54-804

Owner: Porter W.S.C., Well No. 4
Screen: 400-550 feet
Altitude: 117 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-10-87	106.77
11-12-87	114.88
02-23-89	112.05

Well TS-60-55-313

Owner: Splendora W.S.C., Well No. 3
Screen: 1,290-1,375 feet
Altitude: 120 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
03-10-87	20.20
11-12-87	18.70
02-23-89	27.60

Well TS-60-55-314

Owner: Splendora W.S.C., Well No. 4
Screen: 290-395 feet
Altitude: 120 feet
(Measurement reported by the Texas Water Development Board)

Date	Water level
02-23-89	62.80

Well TS-60-62-604

Owner: Montgomery Co., M.U.D. 48, Kingwood Place, Well No. 1
Screen: 1,164-1,450 feet
Altitude: 125 feet
(Measurements reported by the Texas Water Development Board)

Date	Water level
11-12-87	171.05
02-23-89	176.00

Table 12.--Chemical analyses of water from wells in Montgomery County

Owner : M.U.D., Municipal Utility district; U.D., Utility District
 Water-bearing unit : EVGL, Evangeline aquifer
 Solids, dissolved : Calculated from unrounded concentrations, see footnote 1
 Units : $\mu\text{S/cm}$, microsiemens per centimeter at 25 degrees Celsius; $^{\circ}\text{C}$, degrees Celsius; mg/L, milligrams per liter; $\mu\text{g/L}$, micrograms per liter
 Symbols : --, not determined; <, less than

Well	Owner	Date of sample	Water-bearing unit	Depth or producing interval (feet)	Specific conductance ($\mu\text{S/cm}$)	pH (standard units)	Temperature ($^{\circ}\text{C}$)	Hardness as CaCO_3 (mg/L)	Calcium, dissolved (mg/L)	Magnesium, dissolved (mg/L)	Sodium, dissolved (mg/L)	Potassium, dissolved (mg/L)	Alkalinity as CaCO_3 (mg/L)	Sulfate, dissolved (mg/L)	Chloride, dissolved (mg/L)	Fluoride (mg/L)	Silica, dissolved (mg/L)	Solids, dissolved, sum of constituents (mg/L) ¹	Iron, dissolved (mg/L)	Manganese, dissolved (mg/L)
TS-60-37-412	City of Willis, Well No. 4	09-13-84 ²	EVGL	780-1,080	520	7.5	--	130	44	5	368	--	232	14	23	40.1	29	320	5,120	620
TS-60-45-207	City of Conroe, Well No. 13	07-25-84 ²	EVGL	830-1,090	532	7.7	--	120	36	6	374	--	218	16	29	4.2	25	320	530	610
TS-60-45-208	City of Conroe, Well No. 12	07-06-84 ²	EVGL	840-1,135	600	7.6	--	120	38	6	376	--	222	19	32	4.2	25	330	5,160	620
TS-60-45-803	Brown Estate	04-05-85	EVGL	26	172	6.4	19.5	60	18	3.6	7.9	3	36	24	11	2	4.1	93	110	9
TS-60-53-514	City of Shenandoah, Well No. 2	06-05-84 ⁷	EVGL	725-970	550	7.8	--	80	22	5.9	110	--	254	10	34	4	--	--	110	20
TS-60-55-708	New Caney M.U.D., Well No. 1	07-13-84 ⁷	EVGL	465-616	390	7.6	--	150	55	3.9	23	--	168	8	19	6	--	--	30	0
TS-60-61-307	Spring Creek U.D., Well No. 2	11-05-84 ²	EVGL	310-506	450	7.6	--	140	46	6	340	--	160	3	44	4.1	27	260	520	6 < 10
TS-60-63-404	Montgomery County M.U.D 58, Well No. 1	09-20-84 ⁷	EVGL	790-1,036	380	7.7	--	130	41	7.8	37	--	148	28	27	3	--	--	100	80

¹ Solids, dissolved, equals the sum of calcium + magnesium + sodium + potassium + (0.6 x alkalinity) + sulfate + chloride + fluoride + silica.

² Analyzed by Edna Wood Laboratories, Inc.

³ Sodium plus potassium, calculated.

⁴ Total fluoride, recoverable.

⁵ Total iron.

⁶ Total manganese.

⁷ Analyzed by Pope Laboratories.