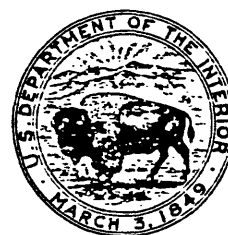


GEOPHYSICAL WELL-LOG DATA BASE FOR
THE GULF COAST AQUIFER SYSTEMS,
SOUTH-CENTRAL UNITED STATES

By TERRY A. WILSON AND R. L. HOSMAN



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CONVERSION FACTORS

For those readers interested in metric (International System) units, the factors for converting inch-pound units to metric units are given below:

<u>Multiply Inch-pound units</u>	<u>by</u>	<u>To obtain metric units</u>
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile	2.590	square kilometer

National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Mean Sea level of 1929."

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ABSTRACT

As part of the U.S. Geological Survey's Regional Aquifer-System Analysis (RASA) program, the Gulf Coast RASA was begun to investigate ground-water flow systems in the Coastal Plain of the south-central United States. Three regional aquifer systems are identified in the area. The Mississippi embayment aquifer system and the Texas coastal uplands aquifer system are composed predominantly of Eocene sediments; the coastal lowlands aquifer system is composed predominantly of Oligocene and younger sediments. Automated data-processing techniques were chosen to facilitate a study of this magnitude. A computer database of information derived from almost 1,000 geophysical well logs was constructed to support the delineation of the geohydrologic framework of the study area and the simulation of ground-water flow. The database contains entries pertaining primarily to physical characteristics of the hydrologic units.

INTRODUCTION

Background

The U.S. Geological Survey began a program in 1978 to investigate regional ground-water systems throughout the Nation. A major objective of the Regional Aquifer-System Analysis (RASA) program is to provide an understanding of ground-water flow systems on a regional scale (Bennett, 1979). Natural hydrologic boundaries, rather than political boundaries, have been used to determine areas to be studied. The Gulf Coast RASA study area consists of about 230,000 square miles onshore in Louisiana and parts of Alabama, Arkansas, Florida, Illinois, Kentucky, Mississippi, Missouri, Tennessee, and Texas. The study area contains an additional 60,000 square miles offshore on the Continental Shelf, as the aquifers extend beyond the coastline beneath the Gulf of Mexico. The extent of the Gulf Coast RASA study area is shown on plate 1.

Three regional aquifer systems are delineated in the Gulf Coast RASA study area (Grubb, 1984). The Mississippi embayment aquifer system and the Texas coastal uplands aquifer system are composed predominantly of Eocene sediments; the coastal lowlands aquifer system is composed predominantly of Oligocene and younger sediments. Each of these systems consists of thousands of feet of sediments, which contain numerous aquifers and confining units. Some of these geohydrologic units are regionally extensive, whereas others are of local importance. In order to quantitatively describe the groundwater hydrology, each of these systems was subdivided into discrete geohydrologic units. It became obvious early in this study that timely and accurate completion of work of this magnitude would require the techniques of automated data processing. Therefore, a computer database of information derived from geophysical well logs was constructed to support the delineation of the geohydrologic framework of the study area and the simulation of ground-water flow.

Purpose and Scope

The purpose of this report is to describe the contents of a database containing machine-readable information derived from geophysical well logs, present a summary of the data, and provide computer-generated tables of the data used for constructing maps of the geohydrologic units in the study area. These data also are being used in conjunction with computer-based interpolation techniques to construct data arrays for ground-water flow models.

Most of the data regarding physical characteristics of geologic and geohydrologic units studied in the Gulf Coast RASA were derived from geophysical well logs. Some of the data were also used in making water-quality calculations. The logs were almost entirely electrical or induction-electrical surveys of wells drilled by the petroleum industry. A few gamma ray and single-point electrical logs of water wells and nonpetroleum test wells were used where other data were not available. Oil-test logs generally were obtained from commercial sources, and logs of water wells and nonpetroleum tests were available from U.S. Geological Survey files.

CREATION OF GEOPHYSICAL WELL-LOG DATABASE

The logs used in the study were selected on the basis of two criteria: spatial distribution and interval logged. Because of the size of the study area, approximately 290,000 square miles, a density of one log per 400 square miles (20-mile spacing) was chosen as one that would produce representative regional data and still keep the data base at a manageable size. It was possible to maintain this distribution in nearly the entire area, owing to the fact that petroleum exploration is widespread throughout the Coastal Plain.

Where possible, the interval logged also was given consideration if more than one log was available for a given site. The top of the logged interval may be tens, hundreds, or even thousands of feet below land surface, and the bottom of the log varies with the depth of the hole. Log selection was determined by best overall coverage.

Data obtained from the geophysical logs to create the database included depths to the top and the thickness of geologic and hydrologic units. Other geohydrologic unit data include: (1) Thickness and depth of sands more than 20 ft thick in aquifer units and thickness and depth of major clays in confining units; (2) spontaneous-potential and formation-resistivity values for sands greater than 20 ft thick in the aquifers, and average resistivity values for sands greater than 20 ft thick interbedded in the confining layers; and (3) cumulative thickness of all sands thicker than 20 ft in aquifer units and of all interbedded sands in confining units. Estimates of dissolved-solids concentrations in water were derived from calculations involving density, resistivity, and temperature of the drilling mud; resistivity and temperature of the mud filtrate; and bottom hole temperature in a procedure described by Weiss (1987).

The data were obtained directly from almost 1,000 geophysical logs, coded, and entered into a computer file designed to facilitate retrieval for listings or processing for interpretations and calculations. Machine-generated data lists, maps and graphs based on these files were used to construct the geohydrologic framework.

GEOHYDROLOGIC UNITS

Prior to this study, regional aquifers had been recognized insofar as the geologic units comprising them were recognized. However, geologic nomenclature is not uniform throughout the study area, and local names do not lend themselves to a regional perspective. The following designations were chosen to identify major geohydrologic units of regional extent (R.L. Hosman and J.S. Weiss, U.S. Geological Survey, written commun., 1986). The units are listed in sequence by associated model layer numbers that are used in multilayer simulation of ground-water flow in the aquifer systems and are not in descending order of units, the normal U.S. Geological Survey standard for geohydrologic units:

Regional model layer number	Hydrologic unit
1	McNairy-Nacatoch aquifer
2	Lower Wilcox aquifer
3	Middle Wilcox aquifer
4	Lower Claiborne-upper Wilcox aquifer
5	Middle Claiborne aquifer
6	Upper Claiborne aquifer
7	Zone E (lower Miocene-upper Oligocene deposits)
8	Zone D (middle Miocene deposits)
9	Zone C (lower Pliocene-upper Miocene deposits)
10	Zone B (lower Pleistocene-upper Pliocene deposits)
11	Mississippi River Valley alluvial aquifer and Zone A (Holocene-upper Pleistocene deposits)
12	Midway confining unit
13	Lower Claiborne confining unit
14	Middle Claiborne confining unit
15	Vicksburg-Jackson confining unit
16	Zone E confining unit
17	Zone D confining unit

The relation of these hydrologic units to aquifer systems in the study area is shown in table 1 in descending order.

Table 1.--Relation among aquifer systems, regional model layers, and aquifers, permeable zones, and confining units

Aquifer system	Regional model layer number	Geohydrologic units
Coastal lowlands	11	Zone A (Holocene-upper Pleistocene deposits)
	10	Zone B (lower Pleistocene-upper Pliocene deposits)
	9	Zone C (lower Pliocene-upper Miocene deposits)
	17	Zone D confining unit
	8	Zone D (middle Miocene deposits)
	16	Zone E confining unit
	7	Zone E (lower Miocene-upper Oligocene deposits)
<hr/>		
	15	Vicksburg-Jackson confining unit
<hr/>		
Texas coastal uplands and Mississippi embayment	11 *	Mississippi River Valley alluvial aquifer
	6	Upper Claiborne aquifer
	14	Middle Claiborne confining unit
	5	Middle Claiborne aquifer
	13	Lower Claiborne confining unit
	4	Lower Claiborne-upper Wilcox aquifer
	3	Middle Wilcox aquifer
	2 *	Lower Wilcox aquifer
<hr/>		
	12	Midway confining unit
<hr/>		
	1 *	McNairy-Nacatoch aquifer

* Not in Texas coastal uplands aquifer system

The data in each of the log files are listed in tables 2, 3, and 4. A statistical summary of the data contained in table 4 is presented in table 5. Preceding each table is a glossary-type explanation of the data presented in that table.

Explanation of data in table 2:

State--State in which the logged well was drilled.

County--County or parish in which the logged well was drilled. Off-shore logs are listed following county (parish) lists.

Log number--An alphanumeric system that uses the two-letter State abbreviation followed by a two-letter county (parish) abbreviation followed by a two-digit sequential number. For example, the second well numbered in Baldwin County, Alabama, would be ALBL02. Offshore numbers are composed of the single letter initial of the State and a three-digit API (American Petroleum Institute) number followed by a two-digit sequential number.

Log sequence number--Wells for which logs were used in this study were numbered sequentially for convenience in this report. The numbers begin at the northernmost well in the project area and end at the southernmost.

Latitude--Latitude of the logged well, in degrees to four decimal places.

Longitude--Longitude of the logged well, in degrees to four decimal places.

Depth logged from--The depth to the top of the logged interval, in feet. On electrical and induction-electrical logs it generally begins at the bottom of the uppermost string of casing. (The file contains some data for the interval between land surface and the top of the log. These data generally were derived from drillers' or geophysical logs of nearby test holes or water wells, or from published reports.)

Depth logged to--The bottom of the logged interval, in feet. It generally represents the bottom of the hole at the time of logging. If the bottom of the logged interval is within an aquifer system included in this study, it also is the maximum depth for which data exists in the file. If the bottom of the logged interval is below the base of the lowest aquifer system being studied, no data will have been entered into the file for depths below the base of that system. The bases of the aquifer systems are the Vicksburg-Jackson confining unit, the Midway confining unit, and the top of the geopressured zone. The geopressured zone is a zone of abnormally excessive fluid pressures that occurs in some Gulf Coast sediments. It is considered the base of the flow system for purposes of this study.

Land-surface altitude--The altitude of the land surface at the logged well, in feet above sea level. For wells drilled off-shore in the Gulf of Mexico, this number is the altitude of the sea floor.

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
ALABAMA	BALDWIN	ALBL01	480	31.1561	87.6177	503	6812	277
	BALDWIN	ALBL02	508	30.9704	87.8237	30	7504	127
	BALDWIN	ALBL03	542	30.7694	87.9480	132	13007	12
	BALDWIN	ALBL04	550	30.7164	87.7106	98	18488	175
	BALDWIN	ALBL05	582	30.5034	87.8547	516	8455	77
	BALDWIN	ALBL06	605	30.3448	87.6514	421	8242	54
	CHOCTAW	ALCH01	326	32.2380	88.3860	534	6006	262
	CHOCTAW	ALCH02	379	32.0849	88.2868	407	4503	193
	CHOCTAW	ALCH03	370	31.9086	88.4338	208	5636	220
	CLARKE	ALCL01	385	31.7947	88.1321	609	5996	117
	CLARKE	ALCL02	384	31.7960	87.8736	310	3503	264
	CLARKE	ALCL03	410	31.6027	88.0266	122	13266	189
	CLARKE	ALCL04	409	31.6117	87.7258	330	5271	199
	CLARKE	ALCL05	453	31.3654	87.7303	100	5584	28
	CLARKE	ALCL06	471	31.2462	87.8670	61	14476	13
	ESCAMBIA	ALES01	482	31.0870	87.4532	80	7110	251
	MARENGO	ALMA01	321	32.2180	87.6264	514	5982	180
	MARENGO	ALMA02	335	32.1408	87.8481	122	2495	279
	MARENGO	ALMA03	352	32.0096	88.0217	220	4230	170
	MARENGO	ALMA04	344	32.0304	87.7855	52	7616	249
	MOBILE	ALMB01	501	31.0434	88.2638	1402	13012	263
	MOBILE	ALMB02	500	31.0328	88.0164	100	11498	37
	MOBILE	ALMB03	543	30.7909	88.2785	90	11514	233
	MOBILE	ALMB04	583	30.5469	88.3467	769	6513	90
	MOBILE	ALMB05	606	30.3767	88.0414	229	10027	0
	MONROE	ALMN01	433	31.4040	87.4575	580	5517	364
	SUMTER	ALSU01	283	32.5710	88.3476	112	2617	164
	SUMTER	ALSU02	304	32.4198	88.1355	153	4010	133
	WASHINGTON	ALWA01	411	31.6522	88.4209	62	16484	266
	WASHINGTON	ALWA02	425	31.5513	88.1449	792	7010	144
	WASHINGTON	ALWA03	434	31.4825	88.3923	41	7510	272
	WASHINGTON	ALWA04	454	31.4050	88.2223	78	18021	120
	WASHINGTON	ALWA05	472	31.2624	88.2896	1433	8138	228
	WASHINGTON	ALWA06	483	31.1538	88.2733	108	12540	270

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
ARKANSAS	ARKANSAS	ARAR01	159	34.0365	91.3778	430	474.7	168
	ARKANSAS	ARAR02	136	34.4472	91.4150	130	391.6	200
	ARKANSAS	ARAR03	144	34.3387	91.1787	261	418.3	183
	ARKANSAS	ARAR04	149	34.2429	91.3027	196	437.2	197
	ARKANSAS	ARAR05	134	34.4676	91.6150	260	363.3	209
	ASHLEY	ARAS01	234	33.1532	91.8228	130	409.2	134
	ASHLEY	ARAS02	212	33.3700	91.7191	520	381.2	177
	ASHLEY	ARAS03	240	33.1138	91.6159	258	351.3	103
	ASHLEY	ARAS04	215	33.3324	91.5333	176	351.4	125
	ASHLEY	ARAS05	235	33.1761	92.0221	28	283.8	116
	ASHLEY	ARAS06	210	33.3883	91.9128	0	411	140
	BRADLEY	ARBR01	222	33.2581	92.2242	120	265.3	80
	BRADLEY	ARBR02	216	33.3337	92.1119	102	336.0	145
	BRADLEY	ARBR03	197	33.5484	92.0786	233	401.4	238
	CALHOUN	ARCA01	207	33.4544	92.5277	100	254.0	116
	CALHOUN	ARCA02	185	33.7175	92.5371	121	284.5	285
	CHICOT	ARCH01	219	33.2549	91.1959	200	361.8	120
	CHICOT	ARCH02	206	33.4086	91.3143	716	461.7	123
	CHICOT	ARCH03	244	33.0775	91.1872	94	168.2	115
	CHICOT	ARCH04	233	33.1387	91.4061	320	304.8	105
	CHICOT	ARCH05	195	33.5283	91.4247	0	580	134
	CLARK	ARCK01	176	33.8950	93.2437	212	185.5	229
	CLARK	ARCK02	179	33.8392	93.0850	350	133.6	176
	CLARK	ARCK03	161	34.0873	92.9325	100	175.6	250
	CLAY	ARCL01	39	36.2864	90.2314	294	135.0	265
CLEVELAND	CLAY	ARCL02	40	36.3119	90.5997	0	372	372
	CLAY	ARCV01	160	34.0553	92.3817	38	189.8	174
	CLEVELAND	ARCV02	171	33.8978	92.0480	100	406.1	240
	CLEVELAND	ARCV03	181	33.7812	92.2084	100	371.4	210
	COLUMBIA	ARCM01	250	33.0820	93.2417	100	579.9	307
	COLUMBIA	ARCM02	217	33.3752	93.0890	100	354.4	269
	COLUMBIA	ARCM03	231	33.2498	93.2482	37	807.6	271
	CRAIGHEAD	ARCR01	63	35.8039	90.7292	234	327.5	350
	CRAIGHEAD	ARCR02	56	35.9008	90.6006	510	868.1	270
	CRITTENDEN	ARCT01	85	35.3017	90.3419	203	347.4	217

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
ARKANSAS	CRITTENDEN	ARCT02	89	35.2614	90.2667	395	3653	210
	CROSS	ARCS01	92	35.2075	90.9997	100	2020	210
	CROSS	ARCS02	91	35.1919	90.8989	150	2348	219
	CROSS	ARCS03	83	35.3672	90.6408	167	3512	205
	DALLAS	ARDA01	175	33.8649	92.8511	100	1998	148
	DALLAS	ARDA02	168	33.9478	92.5869	82	2129	329
	DESHA	ARDE01	170	33.8748	91.5242	211	4850	158
	DESHA	ARDE02	169	33.8377	91.2467	326	5001	139
	DREW	ARDR01	196	33.5314	91.8031	482	4199	198
	DREW	ARDR02	184	33.6783	91.5953	196	5001	181
	DREW	ARDR03	183	33.7266	91.8464	100	4387	266
	GRANT	ARGR01	155	34.1692	92.5762	125	2125	234
	GRANT	ARGR02	154	34.1778	92.3279	100	3029	260
	GRANT	ARGR03	145	34.3670	92.4943	110	1787	325
	GREENE	ARGN01	45	36.1883	90.4061	0	635	292
	HEMPSTEAD	ARHE01	198	33.5910	93.6723	100	5439	321
	JACKSON	ARJA01	77	35.4736	91.2031	113	1199	229
	JACKSON	ARJA02	70	35.6394	91.1719	127	804	237
	JEFFERSON	ARJE01	153	34.1683	91.9669	100	4344	192
	JEFFERSON	ARJE02	141	34.3815	91.9909	200	3214	190
	JEFFERSON	ARJE03	137	34.4557	91.8730	207	3102	206
	JEFFERSON	ARJE04	156	34.1007	91.8004	306	4519	185
	JEFFERSON	ARJE05	146	34.3189	91.7525	6	1007	200
	LAFAYETTE	ARLA01	256	33.0859	93.6457	105	2837	256
	LAFAYETTE	ARLA02	220	33.3450	93.5221	111	3603	245
	LAWRENCE	ARLW01	55	35.9339	90.8828	198	823	247
	LEE	ARLE01	118	34.7008	90.6878	75	2400	204
	LEE	ARLE02	113	34.8194	90.6683	188	2013	197
	LINCOLN	ARLI01	165	33.9719	91.8399	236	4789	243
	LINCOLN	ARLI02	158	34.0652	91.8872	158	4077	187
	LITTLE RIVER	ARLR01	202	33.5689	94.0042	100	4273	275
	LONOKE	ARLO01	125	34.6275	92.0181	115	8012	227
	LONOKE	ARLO02	127	34.5900	91.7661	136	2590	200
	LONOKE	ARLO03	116	34.8031	91.7789	201	1620	226
	MILLER	ARMI01	228	33.2711	93.9476	101	5011	217

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
ARKANSAS	MILLER	ARMI02	223	33.3228	93.8052	160	3700	305
	MILLER	ARMI03	257	33.0740	93.8844	247	6505	290
	MISSISSIPPI	ARMS01	74	35.5622	90.0361	0	1530	235
	MISSISSIPPI	ARMS02	66	35.7067	89.9706	1	1545	245
	MISSISSIPPI	ARMS03	59	35.8344	90.1644	4	1280	241
	MISSISSIPPI	ARMS04	67	35.6531	89.9378	39	1609	242
	MISSISSIPPI	ARMS05	54	35.8897	89.9225	31	1337	250
	MONROE	ARMO01	114	34.8193	91.1137	60	6241	185
	MONROE	ARMO02	111	34.8869	91.1706	146	1691	186
	MONROE	ARMO03	124	34.6300	91.3892	0	654	195
NEVADA	NEVADA	ARNE01	205	33.5069	93.2975	100	4204	326
	NEVADA	ARNE02	194	33.6147	93.3837	100	4138	330
	NEVADA	ARNE03	182	33.8013	93.3538	100	1506	300
	NEVADA	ARNE04	189	33.6953	93.3682	158	3615	295
	OUACHITA	AROU01	187	33.7166	93.0385	122	3208	279
	OUACHITA	AROU02	213	33.4048	92.7872	100	3605	135
	OUACHITA	AROU03	193	33.5840	92.7847	102	3613	92
	PHILLIPS	ARPH01	148	34.1992	90.9828	124	4596	155
	PHILLIPS	ARPH02	133	34.4492	90.6553	310	8810	168
	PHILLIPS	ARPH03	132	34.4861	90.6094	0	307	179
PHILLIPS	PHILLIPS	ARPH04	123	34.5989	90.6244	3	248	250
	PHILLIPS	ARPH05	135	34.4025	90.8728	465	4574	162
	POINSETT	ARPO01	76	35.4903	90.3578	0	1602	219
	POINSETT	ARPO02	69	35.6719	90.5097	38	1102	220
	POINSETT	ARPO03	75	35.5731	90.8539	177	2114	239
	PRAIRIE	ARPR01	105	35.0450	91.7108	145	1070	205
	PRAIRIE	ARPR02	119	34.7425	91.4971	160	2876	216
	PRAIRIE	ARPR03	110	34.9144	91.5258	200	2330	190
	ST FRANCIS	ARSF01	104	35.0322	90.6003	286	3416	205
	ST FRANCIS	ARSF02	107	34.9703	91.0319	260	2788	205
UNION	UNION	ARUN01	245	33.1243	92.9572	135	8522	197
	UNION	ARUN02	249	33.0676	92.6869	79	2907	201
	UNION	ARUN03	236	33.1890	92.5643	103	6858	234
	UNION	ARUN04	255	33.0480	92.3495	119	7595	208
	UNION	ARUN05	226	33.2514	92.7461	108	5041	211

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
ARKANSAS	UNION	ARUN06	227	33.2587	92.9586	118	2215	232
	WHITE	ARWH01	97	35.1775	91.6831	113	906	215
	WOODRUFF	ARWO01	86	35.3533	91.3008	10	1080	217
	WOODRUFF	ARWO02	99	35.1203	91.2783	273	1599	200
FLORIDA	ESCAMBIA	FLES01	499	30.9794	87.2821	388	6920	86
	ESCAMBIA	FLES02	521	30.8696	87.4759	178	17354	254
	ESCAMBIA	FLES03	588	30.4421	87.3470	443	7494	11
KENTUCKY	BALLARD	KYBA01	3	36.9508	89.0861	7	562	465
	CALLOWAY	KYCA01	16	36.6394	88.3017	5	456	475
	CALLOWAY	KYCA02	20	36.5514	88.3972	2	486	582
	CALLOWAY	KYCA03	17	36.6347	88.3775	40	5610	583
	CARLISLE	KYCL01	7	36.8525	89.0917	4	1323	482
	CARLISLE	KYCL02	4	36.9086	88.8994	5	1848	402
	FULTON	KYFU01	21	36.5728	89.1873	3	652	320
	FULTON	KYFU02	28	36.5317	89.3375	0	2000	289
GRAVES	FULTON	KYFU03	27	36.5064	88.8725	3	499	500
	FULTON	KYFU04	23	36.5537	89.0256	0	400	390
	GRAVES	KYGR01	9	36.7306	88.4958	3	585	514
	GRAVES	KYGR02	15	36.6819	88.6347	4	183	510
	GRAVES	KYGR03	2	36.9194	88.5169	82	553	410
GRAVES	GRAVES	KYGR04	22	36.5214	88.7183	35	852	450
	GRAVES	KYGR05	10	36.7764	88.7653	100	1088	470
HICKMAN	HICKMAN	KYHI01	13	36.7536	89.0919	100	1233	430
	HICKMAN	KYHI02	18	36.6369	88.8214	70	972	480
	MC CRACKEN	KYMC01	1	37.0339	88.6269	0	1106	362
	MC CRACKEN	KYMC01	1	37.0339	88.6269	0	1106	362
LOUISIANA	ACADIA	LAAC01	646	30.3679	92.5914	304	10960	37
	ACADIA	LAAC02	687	30.0646	92.4684	223	16001	5
	ACADIA	LAAC03	661	30.2784	92.3502	152	13971	32
	ALLEN	LAAL01	619	30.5546	93.0666	113	12345	100
	ALLEN	LAAL02	613	30.5796	92.7794	57	13152	55
	ALLEN	LAAL02	613	30.5796	92.7794	57	13152	55

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	ALLEN	LAAL03	574	30.8212	92.8537	1833	12624	124
	ALLEN	LAAL04	580	30.8036	92.8297	50	1710	115
	ASCENSION	LAAN01	649	30.2820	91.0240	118	12000	6
	ASSUMPTION	LAAS01	679	30.0576	90.9959	208	14860	12
	ASSUMPTION	LAAS02	699	29.8967	91.1391	118	12958	0
	AVOUELLES	LAAV01	502	31.2506	92.0904	85	17202	53
	AVOUELLES	LAAV02	548	30.9745	92.1605	126	17492	53
	AVOUELLES	LAAV03	532	31.0799	91.8875	877	9007	48
	AVOUELLES	LAAV04	565	30.8689	91.8758	215	11898	40
	BEAUREGARD	LABE01	597	30.7211	93.6076	95	12056	64
	BEAUREGARD	LABE02	596	30.6918	93.2518	110	12985	131
	BEAUREGARD	LABE03	576	30.8212	93.0398	2051	11512	164
	BEAUREGARD	LABE04	648	30.4076	93.6545	114	11412	43
	BEAUREGARD	LABE05	647	30.4046	93.3323	90	8502	25
	BEAUREGARD	LABE06	640	30.4442	93.3191	1812	10303	50
	BEAUREGARD	LABE07	575	30.8228	92.9892	50	1710	171
	BIENVILLE	LABI01	329	32.4607	93.0464	100	2100	233
	BIENVILLE	LABI02	367	32.1653	93.0556	210	4119	278
	BOSSIER	LABO01	266	33.0021	93.6450	105	3267	248
	BOSSIER	LABO02	293	32.7512	93.6426	84	8238	255
	BOSSIER	LABO03	331	32.4511	93.6763	108	5953	164
	CADDO	LACD01	267	33.0073	93.9771	32	6082	310
	CADDO	LACD02	301	32.7166	93.9675	100	3101	195
	CADDO	LACD03	339	32.4393	94.0266	104	2479	265
	CADDO	LACD04	359	32.2129	93.9729	307	3247	342
	CALCASIEU	LACU01	662	30.2761	93.2068	110	12011	5
	CALCASIEU	LACU02	681	30.1075	93.1920	124	14001	8
	CALCASIEU	LACU03	682	30.1185	93.4667	151	12045	8
	CALCASIEU	LACU04	669	30.2251	93.6933	105	9639	7
	CALDWELL	LACA01	353	32.1908	92.0137	240	3998	60
	CALDWELL	LACA02	375	32.0820	91.9481	100	6345	56
	CALDWELL	LACA03	357	32.1852	92.2183	201	10499	190
	CAMERON	LACN01	705	29.9527	93.7954	119	12502	0
	CAMERON	LACN02	741	29.7378	93.7484	189	13548	0
	CAMERON	LACN03	729	29.8075	93.5024	311	15554	0

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	CAMERON	LACN04	700	29.9846	93.5424	123	11443	0
	CAMERON	LACN05	716	29.8857	93.2916	170	14561	0
	CAMERON	LACN06	757	29.6092	93.1203	397	12332	0
	CAMERON	LACN07	724	29.8400	92.9101	123	16042	0
	CAMERON	LACN08	715	29.8753	92.6442	120	13500	0
	CAMERON	LACN09	746	29.6543	92.7231	174	15539	0
	CATAHOULA	LACT01	423	31.7700	91.7250	199	12510	50
	CATAHOULA	LACT02	456	31.5910	91.9035	562	6344	60
	CATAHOULA	LACT03	404	31.8783	91.9269	50	7778	135
	CLAIBORNE	LACL01	264	32.9986	92.9556	100	10173	174
	CLAIBORNE	LACL02	292	32.7394	93.1017	100	9812	367
	CONCORDIA	LACO01	429	31.7019	91.4141	33	9517	63
	CONCORDIA	LACO02	455	31.5696	91.5845	523	7015	48
	CONCORDIA	LACO03	495	31.3153	91.5312	88	7003	56
	CONCORDIA	LACO04	496	31.2899	91.5568	1034	8000	54
	CONCORDIA	LACO05	490	31.3387	91.8052	80	7282	42
	CONCORDIA	LACO06	516	31.1669	91.6714	692	9006	38
	DE SOTO	LADS01	369	32.1932	93.6693	110	2854	225
	DE SOTO	LADS02	399	31.9424	93.5480	103	2848	320
	DE SOTO	LADS03	400	31.9464	93.8606	102	1606	227
	EAST BATON ROUGE	LAEB01	609	30.5727	91.0971	252	19250	68
	EAST BATON ROUGE	LAEB02	633	30.3897	91.1765	111	13510	23
	EAST CARROLL	LAEC01	269	32.8957	91.1038	203	8305	113
	EAST CARROLL	LAEC02	295	32.6597	91.2482	130	10363	90
	EAST FELICIANA	LAEF01	537	30.9626	91.0763	40	10011	260
	EAST FELICIANA	LAEF02	569	30.7858	90.9910	60	18803	199
	EVANGELINE	LAEV01	579	30.7859	92.5838	90	10101	105
	EVANGELINE	LAEV02	573	30.8164	92.2893	293	19534	60
	EVANGELINE	LAEV03	603	30.6431	92.3832	186	13722	66
	EVANGELINE	LAEV04	627	30.5156	92.5330	100	12401	51
	FRANKLIN	LAFR01	388	31.9611	91.7394	110	7742	64
	FRANKLIN	LAFR02	364	32.1394	91.7509	506	6200	70
	FRANKLIN	LAFR03	356	32.1568	91.4989	37	6905	68
	FRANKLIN	LAFR04	337	32.3680	91.5103	349	4846	88
	GRANT	LAGR01	476	31.4803	92.2983	305	4643	100

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	GRANT	LARG02	477	31.4616	92.6039	100	11008	138
	GRANT	LARG03	441	31.6929	92.5327	222	4790	225
	GRANT	LARG04	442	31.6782	92.7410	295	7716	190
	IBERIA	LAI001	686	30.0242	91.5099	163	12519	3
	IBERIA	LAI002	693	30.0129	91.7378	121	16350	18
	IBERIA	LAI003	754	29.5477	91.7701	157	17210	1
	IBERIA	LAI004	723	29.8077	91.9052	120	14374	0
	IBERVILLE	LAIB01	664	30.1813	91.3132	114	12837	2
	IBERVILLE	LAIB02	645	30.3287	91.5913	124	14253	12
	IBERVILLE	LAIB03	639	30.3676	91.3513	119	11370	10
	JACKSON	LAJA01	323	32.4570	92.4779	40	9904	180
	JACKSON	LAJA02	358	32.1842	92.7918	137	4328	130
	JACKSON	LAJA03	366	32.1540	92.4689	100	1299	254
	JACKSON	LAJA04	365	32.1533	92.4421	522	5515	260
	JEFFERSON	LJF01	675	30.0432	90.1468	190	10897	0
	JEFFERSON DAVIS	LJJD01	665	30.2410	92.7382	100	14001	24
	JEFFERSON DAVIS	LJJD02	656	30.3148	92.9304	1860	13016	25
	JEFFERSON DAVIS	LJJD03	680	30.1178	92.8218	94	15992	7
	JEFFERSON DAVIS	LJJD04	657	30.3117	92.9552	208	2696	27
	LA SALLE	LALA01	475	31.4732	92.0907	606	13745	51
	LA SALLE	LALA02	405	31.8645	92.2555	210	4010	102
	LA SALLE	LALA03	448	31.6419	92.2219	50	7481	166
	LAFAYETTE	LALF01	668	30.1829	92.1122	195	15498	26
	LAFOURCHE	LALR01	713	29.7733	90.6153	120	13205	2
	LAFOURCHE	LALR02	738	29.5925	90.1763	210	12685	0
	LAFOURCHE	LALR03	762	29.4639	90.4183	204	14926	0
	LAFOURCHE	LALR04	739	29.6130	90.6225	142	13178	3
	LAFOURCHE	LALR05	782	29.3330	90.2183	137	16004	0
	LAFOURCHE	LALR06	781	29.2910	90.0592	300	19261	0
	LAFOURCHE	LALR07	811	29.0835	90.3244	601	15004	0
	LAFOURCHE	LALR08	722	29.7694	90.9002	120	13319	6
	LINCOLN	LALN01	297	32.7228	92.7508	75	8800	315
	LINCOLN	LALN02	324	32.4681	92.7540	164	2510	315
	LIVINGSTON	LALI01	602	30.5956	90.8983	259	16696	75
	LIVINGSTON	LALI02	654	30.2303	90.5627	148	10966	0

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	LIVINGSTON	LALI03	655	30.2504	90.6854	184	10981	1
	LIVINGSTON	LALI04	617	30.4727	90.7678	202	19380	4
	LIVINGSTON	LALI05	630	30.4144	90.6536	107	11605	12
	MADISON	LAMA01	317	32.4332	91.1711	30	4505	82
	MADISON	LAMA02	350	32.2195	91.2385	200	8028	82
	MOREHOUSE	LAMO01	254	33.0049	91.7371	126	5447	161
	MOREHOUSE	LAMO02	262	32.9731	92.0720	191	2516	60
	MOREHOUSE	LAMO03	289	32.7003	91.8315	205	2701	76
	NATCHITOCHES	LANA01	393	31.9494	92.9326	100	8151	158
	NATCHITOCHES	LANA02	443	31.7045	93.0583	100	9653	102
	NATCHITOCHES	LANA03	444	31.6929	93.2476	220	5006	303
	NATCHITOCHES	LANA04	469	31.5184	92.9658	80	5856	160
	ORLEANS	LAOR01	672	30.0617	89.9848	248	11073	0
	OUACHITA	LAOU01	318	32.5041	92.3224	75	10110	174
	OUACHITA	LAOU02	338	32.3920	92.1500	217	10537	92
	OUACHITA	LAOU03	313	32.5176	91.9065	112	8003	57
	PLAQUEMINES	LAPL01	703	29.8234	89.9662	160	12800	0
	PLAQUEMINES	LAPL02	744	29.5573	89.9189	216	17000	0
	PLAQUEMINES	LAPL03	720	29.6976	89.7397	217	10506	0
	PLAQUEMINES	LAPL04	771	29.3762	89.8530	284	17270	0
	PLAQUEMINES	LAPL05	750	29.4797	89.4616	220	10014	0
	PLAQUEMINES	LAPL06	780	29.2874	89.5600	198	15437	0
	PLAQUEMINES	LAPL07	770	29.3430	89.3235	538	13007	0
	PLAQUEMINES	LAPL08	817	28.9800	89.3645	2206	12372	0
	PLAQUEMINES	LAPL09	788	29.1498	89.3943	612	17003	0
	PLAQUEMINES	LAPL10	805	29.0650	89.1913	260	12649	0
	POINTE COUPEE	LAPC01	586	30.7172	91.6226	220	18604	26
	POINTE COUPEE	LAPC02	594	30.6382	91.3699	185	19476	29
	POINTE COUPEE	LAPC03	618	30.5119	91.5579	304	11993	23
	RAPIDES	LARA01	491	31.3748	92.8905	50	11054	267
	RAPIDES	LARA02	517	31.2099	92.6516	722	8604	222
	RAPIDES	LARA03	553	30.9560	92.7019	140	13000	136
	RAPIDES	LARA04	511	31.2354	92.3975	779	8510	71
	RAPIDES	LARA05	534	31.0549	92.4011	1439	8142	65
	RED RIVER	LARR01	368	32.1861	93.3363	130	3158	221

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	RED RIVER	LARR02	406	31.9113	93.3151	102	1300	118
	RICHLAND	LARI01	342	32.3373	91.8404	76	9906	70
	RICHLAND	LARI02	312	32.5126	91.6407	170	3378	85
	SABINE	LASA01	449	31.6711	93.5645	123	2631	265
	SABINE	LASA02	450	31.6699	93.7643	109	2375	240
	SABINE	LASA03	478	31.4896	93.3680	310	3624	338
	SABINE	LASA04	497	31.3729	93.5688	150	5008	280
	ST BERNARD	LASB01	652	30.1698	89.4297	120	15899	0
	ST BERNARD	LASB02	684	29.9273	89.3421	137	12104	0
	ST BERNARD	LASB03	727	29.6622	89.4708	149	10533	0
	ST BERNARD	LASB04	695	29.8827	89.6206	148	16510	0
	ST CHARLES	LASC01	678	30.0144	90.4262	222	11605	8
	ST CHARLES	LASC02	709	29.8124	90.2037	215	12491	0
	ST CHARLES	LASC03	721	29.7416	90.3528	99	14535	1
	ST HELENA	LASH01	559	30.8673	90.7896	240	13300	193
	ST HELENA	LASH02	536	30.9615	90.5985	237	10008	296
	ST HELENA	LASH03	568	30.7827	90.6096	141	10001	224
	ST HELENA	LASH04	585	30.6924	90.6010	1570	10506	112
	ST JAMES	LASJ01	685	29.9831	90.7302	313	13112	10
	ST LANDRY	LASL01	595	30.6688	92.0095	164	12502	26
	ST LANDRY	LASL02	631	30.4638	91.9310	118	11231	25
	ST LANDRY	LASL03	612	30.5595	91.7748	124	13987	20
	ST LANDRY	LASL04	626	30.5025	92.2553	139	13099	55
	ST MARTIN	LASN01	704	29.8889	91.2819	120	15094	0
	ST MARTIN	LASN02	673	30.1590	91.7729	144	12881	19
	ST MARY	LASM01	740	29.6323	91.3583	211	13660	2
	ST MARY	LASM02	767	29.4702	91.4365	175	11351	0
	ST MARY	LASM03	732	29.7130	91.6934	133	16712	0
	ST MARY	LASM04	714	29.8040	91.4263	129	16518	8
	ST TAMMANY	LAST01	628	30.3595	89.6855	98	11001	10
	ST TAMMANY	LAST02	616	30.4365	89.9206	1435	8512	47
	ST TAMMANY	LAST03	624	30.4184	90.1601	1836	8740	0
	ST TAMMANY	LAST04	625	30.4178	90.1733	70	2029	6
	ST TAMMANY	LAST05	593	30.5739	89.9418	2497	11460	124
	ST TAMMANY	LAST06	601	30.5499	90.2164	1384	7218	45

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	ST TAMMANY	LAST07	653	30.1696	89.7217	503	18466	2
	ST TAMMANY	LAST08	644	30.2715	90.0624	222	20444	0
	TANGIPAHOA	LATA01	558	30.8283	90.4208	1823	12348	220
	TANGIPAHOA	LATA02	572	30.7110	90.2727	139	9820	130
	TANGIPAHOA	LATA03	629	30.4008	90.4466	160	13658	2
	TENSAS	LATS01	363	32.1077	91.1232	152	7520	80
	TENSAS	LATS02	382	31.9966	91.3066	50	8813	62
	TENSAS	LATS03	403	31.8615	91.5102	502	5566	60
	TENSAS	LATS04	422	31.7565	91.3131	543	5910	73
	TENSAS	LATS05	397	31.8622	91.3251	100	9172	60
	TERREBONNE	LATE01	753	29.5049	90.8788	122	16572	0
	TERREBONNE	LATE02	745	29.6109	91.0358	150	14227	0
	TERREBONNE	LATE03	820	29.0636	90.6655	2008	15210	0
	TERREBONNE	LATE04	789	29.2122	90.5053	131	15748	0
	TERREBONNE	LATE05	777	29.3648	90.6981	201	15998	1
	TERREBONNE	LATE06	807	29.1583	90.9119	184	17920	0
	TERREBONNE	LATE07	786	29.3404	91.1120	172	17897	0
	TERREBONNE	LATE08	787	29.2953	91.3103	159	15177	0
	UNION	LAUN01	259	33.0100	92.6243	127	2350	208
	UNION	LAUN02	275	32.8893	92.5494	120	2529	134
	UNION	LAUN03	291	32.7341	92.4336	30	8500	180
	UNION	LAUN04	305	32.6155	92.3600	88	9210	195
	UNION	LAUN05	263	32.9754	92.4070	100	2229	210
	UNION	LAUN06	290	32.7283	92.1566	109	2276	110
	VERMILION	LAVE01	694	30.0042	92.0073	76	15007	8
	VERMILION	LAVE02	728	29.7973	92.3888	200	13512	0
	VERMILION	LAVE03	733	29.7342	92.1593	133	16510	0
	VERMILION	LAVE04	755	29.5707	92.2471	152	16951	3
	VERMILION	LAVE05	756	29.6008	92.4463	206	15105	3
	VERMILION	LAVE06	696	29.9962	92.2177	64	16610	15
	VERNON	LAVN01	512	31.2607	93.2054	191	8525	334
	VERNON	LAVN02	527	31.1633	93.4612	94	12160	335
	VERNON	LAVN03	554	30.9900	93.4569	166	10440	230
	VERNON	LAVN04	566	30.9175	93.2736	100	11477	220
	VERNON	LAVN05	538	31.0290	93.0014	1428	10035	220

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude, by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land-surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	WASHINGTON	LAWA01	546	30.9110	90.2002	1832	11484	160
	WASHINGTON	LAWA02	524	30.9936	89.7570	90	9030	102
	WASHINGTON	LAWA03	545	30.8852	89.9975	295	11189	294
	WASHINGTON	LAWA04	563	30.7724	90.1225	80	11419	111
	WASHINGTON	LAWA05	552	30.8286	89.8288	1813	10006	87
	WEBSTER	LAWB01	265	32.9930	93.3207	100	11302	265
	WEBSTER	LAWB02	298	32.7258	93.3855	110	3480	208
	WEBSTER	LAWB03	330	32.4548	93.3910	100	2202	205
	WEST BATON ROUGE	LAWB01	610	30.5524	91.2694	217	19277	40
	WEST CARROLL	LAWC01	258	32.9566	91.4292	84	5501	100
	WEST CARROLL	LAWC02	296	32.6509	91.4640	140	3023	97
	WEST FELICIANA	LAWF01	560	30.8842	91.5843	228	15708	40
	WEST FELICIANA	LAWF02	547	30.9681	91.4491	1812	10277	295
	WEST FELICIANA	LAWF03	564	30.8395	91.2757	1027	8209	230
	WINN	LAWI01	398	31.9281	92.7269	42	10104	169
	WINN	LAWI02	392	31.9566	92.5042	150	2483	180
	OFFSHORE	L70001	803	29.2709	93.1273	198	10215	-53
	OFFSHORE	L70002	758	29.6094	93.4744	257	12918	-13
	OFFSHORE	L70101	813	29.2062	93.5736	613	15022	-59
	OFFSHORE	L70102	862	28.8113	93.1540	538	11994	-102
	OFFSHORE	L70201	899	28.4196	93.2099	3992	14032	-152
	OFFSHORE	L70202	926	28.0915	93.1532	1103	10699	-297
	OFFSHORE	L70301	860	28.8198	92.8303	717	13056	-102
	OFFSHORE	L70302	796	29.2978	92.7219	3590	15967	-53
	OFFSHORE	L70303	774	29.5083	92.7920	998	12642	-17
	OFFSHORE	L70401	897	28.4338	92.8558	700	11768	-162
	OFFSHORE	L70402	924	28.1082	92.7328	506	14676	-294
	OFFSHORE	L70501	763	29.5481	92.3949	324	15491	0
	OFFSHORE	L70502	850	28.8573	92.5288	260	12200	-99
	OFFSHORE	L70503	795	29.2878	92.3740	312	16700	-7
	OFFSHORE	L70601	886	28.4910	92.4494	822	13331	-152
	OFFSHORE	L70602	913	28.1914	92.4525	805	8824	-244
	OFFSHORE	L70701	773	29.4555	92.0554	2818	12954	-17
	OFFSHORE	L70702	853	28.8310	92.1481	498	15582	-102
	OFFSHORE	L70703	808	29.1902	91.9994	720	12301	-46

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	OFFSHORE	L70801	912	28.1825	92.0814	978	13999	-251
	OFFSHORE	L70802	893	28.4467	92.0653	354	9990	-175
	OFFSHORE	L70901	865	28.7289	91.3512	3030	11934	-69
	OFFSHORE	L70902	794	29.2370	91.6844	532	14044	-33
	OFFSHORE	L70903	772	29.4549	91.7120	216	14446	-7
	OFFSHORE	L70904	849	28.8248	91.6937	898	16275	-79
	OFFSHORE	L71001	892	28.4022	91.6083	680	13235	-198
	OFFSHORE	L71002	918	28.1292	91.6865	990	10099	-304
	OFFSHORE	L71101	821	29.0957	90.9896	278	15517	-3
	OFFSHORE	L71102	833	28.9802	90.9657	226	13757	-13
	OFFSHORE	L71103	864	28.7139	90.9801	313	11001	-53
	OFFSHORE	L71104	790	29.2554	91.3240	234	12843	-3
	OFFSHORE	L71201	890	28.3889	90.9236	3506	14499	-162
	OFFSHORE	L71202	891	28.4116	91.2755	1204	14289	-182
	OFFSHORE	L71203	921	28.1048	91.3315	981	11538	-383
	OFFSHORE	L71301	829	28.9867	90.5252	935	14897	-13
	OFFSHORE	L71501	819	29.0378	90.3370	415	11114	-3
	OFFSHORE	L71502	828	28.9810	90.2080	3001	15740	-46
	OFFSHORE	L71503	823	29.0283	90.6799	226	15644	-3
	OFFSHORE	L71504	869	28.6271	90.5448	802	15806	-66
	OFFSHORE	L71505	859	28.6993	90.1588	395	12880	-132
	OFFSHORE	L71601	889	28.3661	90.5626	656	17005	-185
	OFFSHORE	L71602	917	28.0947	90.6737	1038	7873	-396
	OFFSHORE	L71603	883	28.4022	90.1770	735	10602	-251
	OFFSHORE	L71701	818	29.0085	89.9038	600	14001	-99
	OFFSHORE	L71901	806	29.0748	89.5852	1011	14506	-56
	OFFSHORE	L71902	827	28.9579	89.8128	913	12750	-139
	OFFSHORE	L72001	858	28.6646	89.7865	1171	13953	-396
	OFFSHORE	L72101	802	29.0907	89.2508	194	13494	-3
	OFFSHORE	L72102	826	28.9314	89.4234	401	13970	-3
	OFFSHORE	L72103	816	28.9939	89.1319	500	12500	-3
	OFFSHORE	L72104	832	28.8838	89.0560	740	14031	-323
	OFFSHORE	L72201	848	28.7106	89.4147	6600	16610	-370
	OFFSHORE	L72301	801	29.0830	88.9321	915	10030	-50
	OFFSHORE	L72401	749	29.4072	88.5482	748	8082	-210

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
LOUISIANA	OFFSHORE	L72402	765	29.3061	88.1855	986	14491	-300
	OFFSHORE	L72501	726	29.6666	89.4390	238	13017	0
	OFFSHORE	L72502	766	29.3390	88.9628	1050	12364	-60
	OFFSHORE	L72601	752	29.4213	89.3276	273	12004	-3
	OFFSHORE	L72701	712	29.7027	88.9889	210	9983	-15
MISSISSIPPI	ADAMS	MSAD01	460	31.5400	91.4103	100	10581	208
	AMITE	MSAM01	494	31.2803	90.9844	93	11578	299
	AMITE	MSAM02	530	31.0324	90.5969	86	11926	341
	AMITE	MSAM03	525	31.0777	91.0329	522	8514	369
	AMITE	MSAM04	486	31.2873	90.6205	1499	11203	405
	AMITE	MSAM05	487	31.2977	90.6160	374	4596	432
	ATTALA	MSAT01	242	33.0054	89.6907	44	7091	319
	ATTALA	MSAT02	224	33.1077	89.3986	207	6217	503
	ATTALA	MSAT03	208	33.2833	89.6967	330	2306	278
	ATTALA	MSAT04	214	33.2172	89.3911	184	4326	485
	BENTON	MSBE01	108	34.8500	89.1800	10	930	613
	BOLIVAR	MSBO01	164	33.9292	90.8955	505	5163	155
	BOLIVAR	MSBO02	166	33.9168	91.0107	371	4681	144
	BOLIVAR	MSBO03	186	33.6294	90.7988	636	7118	128
	CALHOUN	MSCA01	162	33.9007	89.1616	190	9774	316
	CARROLL	MSCR01	200	33.4108	89.7524	35	5284	325
	CARROLL	MSCR02	203	33.3805	89.9874	244	4210	405
	CARROLL	MSCR03	204	33.3896	90.1548	614	7205	121
	CARROLL	MSCR04	188	33.5682	90.0205	450	5158	252
	CHOCTAW	MSCT01	199	33.3783	89.3592	399	4387	370
	CHOCTAW	MSCT02	211	33.2386	89.1236	60	14886	447
	CLAIBORNE	MSCL01	371	32.0624	90.8598	156	9906	313
	CLARKE	MSCK01	345	32.1116	88.6534	108	4033	417
	CLARKE	MSCK02	373	31.9029	88.7453	316	4988	266
	COAHOMA	MSCO01	151	34.1696	90.4600	192	17589	163
	COAHOMA	MSCO02	139	34.3535	90.4137	124	11490	166
	COPIAH	MSCP01	387	31.9199	90.4999	202	10305	359
	COPIAH	MSCP02	402	31.7747	90.1451	526	10674	219
	COPIAH	MSCP03	381	31.9783	90.6978	100	10215	255
	COPIAH	MSCP04	415	31.7684	90.5151	207	20060	365

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude, by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land-surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
MISSISSIPPI	COVINGTON	MSCV01	413	31.7128	89.5051	94	14777	396
	COVINGTON	MSCV02	436	31.5631	89.5969	203	9708	285
	DE SOTO	MSDS01	106	34.9134	90.1999	27	4884	210
	DE SOTO	MSDS02	115	34.7319	90.0694	16	1589	243
	FORREST	MSFO01	509	31.0816	89.2625	86	9019	165
	FORREST	MSFO02	459	31.4208	89.3886	150	14002	182
	FORREST	MSFO03	462	31.3957	89.1599	40	9005	229
	FRANKLIN	MSFR01	467	31.4455	90.9210	1443	11119	210
	FRANKLIN	MSFR02	468	31.4303	90.9167	464	6410	205
	GEORGE	MSGE01	522	30.9525	88.7852	958	9013	92
	GEORGE	MSGE02	529	30.9043	88.6725	100	8506	182
	GEORGE	MSGE03	551	30.7691	88.8104	10	5848	66
	GREENE	MSGN01	465	31.3131	88.4508	79	18541	274
	GREENE	MSGN02	514	31.0170	88.5407	30	19846	313
	GREENE	MSGN03	473	31.3008	88.7706	897	8442	200
	GRENADA	MSGR01	173	33.7487	89.6255	70	3687	315
	GRENADA	MSGR02	178	33.7222	90.0192	250	4618	271
	HANCOCK	MSHA01	608	30.4845	89.5254	50	14519	52
	HARRISON	MSHR01	623	30.3734	89.3016	87	9967	4
	HARRISON	MSHR02	584	30.5907	89.3210	35	7891	100
	HARRISON	MSHR03	591	30.5279	89.0466	1696	12008	57
	HINDS	MSHI01	340	32.2895	90.3368	202	6147	357
	HINDS	MSHI02	341	32.2861	90.6071	40	12174	198
	HINDS	MSHI03	322	32.3613	90.3093	306	3691	322
	HINDS	MSHI04	362	32.0668	90.3793	2373	14555	437
	HOLMES	MSHO01	239	33.0412	89.8810	402	5010	271
	HOLMES	MSHO02	225	33.1374	90.1875	453	5007	155
	HOLMES	MSHO03	248	32.9673	90.2054	425	5540	358
	HUMPHREYS	MSHU01	252	32.9465	90.4525	82	4915	103
	HUMPHREYS	MSHU02	218	33.2396	90.5210	236	6157	115
	ISSAQUENA	MSIS01	261	32.9101	91.0402	206	3213	105
	ISSAQUENA	MSIS02	282	32.7461	91.0019	347	4309	93
	ISSAQUENA	MSIS03	316	32.4517	90.9446	230	6504	89
	JACKSON	MSJA01	578	30.6024	88.8015	148	11332	108
	JACKSON	MSJA02	607	30.4285	88.6788	1756	12217	30

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
MISSISSIPPI	JACKSON	MSJA03	600	30.4358	88.5064	76	6366	10
	JACKSON	MSJA04	632	30.2452	88.7289	170	13041	6
	JACKSON	MSJA05	567	30.6627	88.5455	910	8813	49
	JASPER	MSJS01	354	32.0279	88.9690	89	13473	485
	JASPER	MSJS02	361	31.9971	89.2467	60	13813	325
	JEFFERSON	MSJE01	421	31.7575	91.1278	75	9821	195
	JEFFERSON	MSJE02	440	31.6388	91.1811	213	10210	175
	JEFFERSON	MSJE03	432	31.6384	91.0309	969	10755	478
	JEFFERSON	MSJE04	439	31.6129	91.0238	250	6518	402
	JEFFERSON	MSJE05	416	31.7968	91.1700	150	9820	185
	JEFFERSON	MSJE06	428	31.6833	90.7690	215	10754	428
	JEFFERSON	MSJE07	396	31.8439	90.9902	107	9848	197
	JEFFERSON DAVIS	MSJD01	437	31.5741	89.7650	50	10427	437
	JEFFERSON DAVIS	MSJD02	463	31.4170	89.8687	120	10104	280
	JEFFERSON DAVIS	MSJD03	414	31.7364	89.8424	48	8350	502
	JONES	MSJO01	446	31.4842	89.0858	75	9001	293
	JONES	MSJO02	431	31.5850	89.3516	20	8793	252
	JONES	MSJO03	390	31.7928	89.0306	43	7280	314
	JONES	MSJO04	412	31.7057	89.1699	44	9021	221
	JONES	MSJO05	419	31.6318	88.9519	26	7509	307
	KEMPER	MSKE01	277	32.6557	88.5207	50	1408	235
	KEMPER	MSKE02	260	32.7848	88.8050	204	2522	532
	LAFAYETTE	MSLA01	142	34.2325	89.3124	295	4005	569
	LAFAYETTE	MSLA02	131	34.4203	89.4750	40	2256	490
	LAFAYETTE	MSLA03	138	34.3315	89.6286	390	5010	427
	LAFAYETTE	MSLA04	126	34.4755	89.3443	50	11186	374
	LAMAR	MSLM01	492	31.1988	89.4779	75	9498	376
	LAMAR	MSLM02	519	31.0478	89.6299	36	8815	204
	LAMAR	MSLM03	466	31.3876	89.5953	78	9711	365
	LAUDERDALE	MSLD01	310	32.4085	88.8845	230	4737	444
	LAUDERDALE	MSLD02	309	32.3867	88.6305	270	5040	465
	LAUDERDALE	MSLD03	314	32.3133	88.4341	625	6810	418
	LAWRENCE	MSLW01	420	31.7140	90.0509	118	13014	441
	LEAKE	MSLK01	268	32.8145	89.4016	126	4826	473
	LEAKE	MSLK02	285	32.6333	89.3702	346	5070	404

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
MISSISSIPPI	LEAKE	MSLK03	278	32.7072	89.6535	1824	10893	450
	LINCOLN	MSLI01	438	31.5964	90.4918	1807	10491	475
	LINCOLN	MSLI02	447	31.5638	90.3265	78	11240	434
	LINCOLN	MSLI03	474	31.3831	90.2508	91	8705	415
	MADISON	MSMA01	315	32.4034	90.1240	334	4264	340
	MADISON	MSMA02	287	32.6491	90.1008	208	14411	260
	MADISON	MSMA03	281	32.6829	89.8503	329	5354	280
	MADISON	MSMA04	300	32.5729	90.2936	165	6207	199
	MARION	MSMR01	510	31.1207	89.8467	78	9514	167
	MARSHALL	MSMS01	120	34.6115	89.5429	97	4003	386
	MARSHALL	MSMS02	109	34.8725	89.6858	0	1737	360
	MARSHALL	MSMS03	112	34.7717	89.4575	5	1313	513
	MONTGOMERY	MSMN01	191	33.5003	89.5824	500	4564	441
	NESHOBA	MSNE01	251	32.8889	89.2233	88	5915	446
	NESHOBA	MSNE02	272	32.7543	88.9186	235	2701	495
	NESHOBA	MSNE03	284	32.6160	89.1196	408	4327	470
	NEWTON	MSNW01	327	32.2632	88.9355	106	8340	381
	NEWTON	MSNW02	328	32.2917	89.1561	65	10565	369
	NEWTON	MSNW03	299	32.5079	89.2543	325	4781	522
	NOXUBEE	MSNX01	238	32.9433	88.5806	89	2403	250
	OKTIBBEHA	MSOK01	190	33.4804	89.0481	64	17422	450
	PANOLA	MSPA01	128	34.4883	89.9136	0	4339	370
	PANOLA	MSPA02	140	34.2930	89.8965	300	3263	350
	PEARL RIVER	MSPR01	544	30.8644	89.6379	66	14515	170
	PEARL RIVER	MSPR02	592	30.5640	89.6968	1062	9814	222
	PERRY	MSPE01	523	30.9625	89.0012	51	12525	107
	PERRY	MSPE02	485	31.2048	89.1407	82	17002	236
	PERRY	MSPE03	484	31.1950	88.8898	90	15378	94
	PERRY	MSPE04	461	31.3698	89.0045	60	8873	177
	PIKE	MSPI01	515	31.1097	90.2809	78	12002	337
	PONTOTOC	MSPO01	147	34.1082	89.1986	100	5904	340
	QUITMAN	MSQU01	143	34.2719	90.2722	5	2230	163
	RANKIN	MSRA01	346	32.1906	89.7675	32	8004	426
	RANKIN	MSRA02	347	32.1968	90.0733	321	6233	415
	RANKIN	MSRA03	311	32.4382	89.8572	33	6498	371

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
MISSISSIPPI	SCOTT	MSSC01	306	32.4796	89.6158	35	6654	411
	SCOTT	MSSC02	336	32.2530	89.4257	76	14455	398
	SHARKEY	MSSH01	279	32.7583	90.7044	598	5421	103
	SHARKEY	MSSH02	253	32.9635	90.8081	40	4515	97
	SIMPSON	MSSI01	374	31.9939	90.1468	62	9663	478
	SIMPSON	MSSI02	380	31.9239	89.8753	100	13118	351
	SMITH	MSSM01	355	32.0533	89.4552	50	12008	425
	SMITH	MSSM02	386	31.8784	89.6433	28	9504	489
	SMITH	MSSM03	391	31.8263	89.4199	63	15447	255
	STONE	MSST01	557	30.7659	89.2837	90	8939	235
	STONE	MSST02	562	30.7118	89.0162	81	14022	147
	SUNFLOWER	MSSU01	174	33.7854	90.6314	499	5360	133
	SUNFLOWER	MSSU02	209	33.3558	90.5187	126	11992	114
	SUNFLOWER	MSSU03	192	33.5211	90.4360	825	7550	114
	TALLAHATCHIE	MSTA01	167	33.8569	90.4363	193	4291	126
	TALLAHATCHIE	MSTA02	152	34.1180	90.0343	332	3488	348
	TALLAHATCHIE	MSTA03	163	33.9182	89.9806	372	3816	322
	TALLAHATCHIE	MSTA04	180	33.7190	90.2640	155	5900	136
	TATE	MSTE01	122	34.5798	90.1493	311	3585	239
	TATE	MSTE02	121	34.6430	89.9221	400	4840	263
	TIPPAH	MSTI01	103	34.9383	88.9731	39	4209	506
	TUNICA	MSTU01	117	34.7160	90.3748	550	5936	193
	TUNICA	MSTU02	129	34.5123	90.4206	222	11930	213
	UNION	MSUN01	130	34.4108	89.1870	110	3477	390
	WALTHALL	MSWA01	493	31.2174	90.0934	100	10282	354
	WALTHALL	MSWA02	520	31.0615	90.0601	100	13508	387
	WARREN	MSWR01	307	32.5165	90.6878	71	9003	353
	WARREN	MSWR02	349	32.2103	90.8611	51	11726	257
	WASHINGTON	MSWS01	201	33.4850	91.0427	613	6097	135
	WASHINGTON	MSWS02	221	33.2170	90.9584	98	5078	107
	WASHINGTON	MSWS03	243	33.0601	91.0498	629	6598	110
	WASHINGTON	MSWS04	232	33.1182	90.8281	330	3899	102
	WAYNE	MSWY01	435	31.4837	88.5976	1125	7799	170
	WAYNE	MSWY02	418	31.6369	88.6310	100	11850	163
	WAYNE	MSWY03	426	31.5988	88.7860	68	14384	277

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
MISSISSIPPI	WAYNE	MSWY04	395	31.7233	88.7858	399	5512	298
	WEBSTER	MSWE01	172	33.7101	89.3639	100	10516	302
	WEBSTER	MSWE02	177	33.6886	89.1300	11	1990	520
	WILKINSON	MSWI01	526	31.0633	91.1064	40	874	364
	WILKINSON	MSWI02	488	31.3417	91.3156	1545	11546	203
	WILKINSON	MSWI03	489	31.3347	91.3267	548	5178	187
	WILKINSON	MSWI05	531	31.0452	91.3253	1699	13737	346
	WINSTON	MSWN01	230	33.0309	88.8616	322	4570	468
	YALOBUSHA	MSYA01	150	34.1238	89.8638	100	2858	334
	YALOBUSHA	MSYA02	157	33.9987	89.7162	100	2491	268
	YAZOO	MSYZ01	288	32.6637	90.4729	188	4871	261
	YAZOO	MSYZ02	273	32.8353	90.3322	422	6166	354
	DUNKLIN	MODU01	29	36.5500	90.0486	250	871	380
	DUNKLIN	MODU02	33	36.4852	90.0736	0	275	305
MISSOURI	DUNKLIN	MODU03	51	36.0486	90.2986	35	1769	247
	DUNKLIN	MODU04	42	36.2425	90.0617	293	1340	267
	DUNKLIN	MODU05	50	36.0403	90.1111	0	1858	246
	MISSISSIPPI	MOMS01	14	36.7400	89.2547	0	4905	293
	MISSISSIPPI	MOMS02	5	36.9352	89.2606	6	882	315
	NEW MADRID	MONM01	31	36.5111	89.8961	183	1313	269
	NEW MADRID	MONM02	35	36.4111	89.5633	149	2027	284
	NEW MADRID	MONM03	19	36.6222	89.5194	185	2340	302
	PEMISCOT	MOPE01	48	36.0858	89.8306	188	2336	255
	PEMISCOT	MOPE02	38	36.2661	89.8153	383	2152	266
	PEMISCOT	MOPE03	44	36.1944	89.6581	5	749	276
	SCOTT	MOSC01	8	36.8806	89.6000	0	411	325
	STODDARD	MOST01	12	36.8358	90.1217	4	213	348
	STODDARD	MOST02	11	36.8175	89.8608	546	4519	300
	STODDARD	MOST03	6	36.9611	89.8708	0	447	354
TENNESSEE	CARROLL	TNCR01	53	35.9125	88.6617	3	1010	422
	CARROLL	TNCR02	43	36.1131	88.4467	0	250	510
	CARROLL	TNCR03	52	35.8839	88.4469	0	350	630
	CROCKETT	TNCK01	61	35.7147	89.0867	3	350	523
	CROCKETT	TNCK02	57	35.8156	89.2269	3	387	368

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TENNESSEE	DYER	TNDY01	49	36.0092	89.5700	200	2300	258
	DYER	TNDY02	47	36.0314	89.3886	0	640	291
	FAYETTE	TNFA01	79	35.3739	89.5503	70	2574	318
	FAYETTE	TNFA02	98	35.0244	89.2503	206	1766	381
	FAYETTE	TNFA03	87	35.2153	89.3461	298	2124	420
	FAYETTE	TNFA04	100	35.0136	89.5628	100	1702	431
	FAYETTE	TNFA05	82	35.3103	89.4367	110	1432	356
	FAYETTE	TNFA06	95	35.0542	89.4428	14	470	395
	GIBSON	TNGB01	46	36.0389	88.9883	657	2355	316
	HARDENMAN	TNHR01	81	35.2728	89.0275	2	316	431
	HARDENMAN	TNHR02	78	35.3344	88.9258	2	278	500
	HARDENMAN	TNHR03	94	35.0289	88.9228	3	380	570
	HARDENMAN	TNHR04	93	35.0319	88.8906	100	473	433
	HENRY	TNHN01	34	36.3403	88.3817	0	252	570
	HENRY	TNHN02	30	36.4172	88.3606	0	318	605
	HENRY	TNHN03	24	36.4536	88.2842	0	350	570
	HENRY	TNHN04	41	36.1700	88.3408	0	350	525
	LAKE	TNLK01	36	36.2714	89.4683	286	2263	290
	LAKE	TNLK02	37	36.2508	89.4700	203	2580	284
	LAUDERDALE	TNLD01	68	35.6442	89.8264	180	3179	437
	LAUDERDALE	TNLD02	58	35.8236	89.4056	358	2800	330
	LAUDERDALE	TNLD03	62	35.7456	89.5289	30	773	430
	MADISON	TNMD01	64	35.6625	88.8453	41	963	508
	MADISON	TNMD02	60	35.7064	88.6339	70	998	563
	MADISON	TNMD03	65	35.6264	88.8464	72	1284	361
	MADISON	TNMD04	71	35.4825	88.7261	2	512	390
	OBION	TNOB01	32	36.4286	89.0558	17	545	346
	SHELBY	TNSH01	101	35.0083	89.8400	476	3009	392
	SHELBY	TNSH02	84	35.2858	89.8886	624	2865	242
	SHELBY	TNSH03	80	35.3575	90.0186	295	3387	391
	SHELBY	TNSH04	96	35.0939	90.0292	90	1504	248
	SHELBY	TNSH05	102	35.0417	90.1239	139	1491	310
	SHELBY	TNSH06	88	35.2514	90.0572	166	1187	287
	SHELBY	TNSH07	90	35.1603	89.9603	86	1583	260
	TIPTON	TNTP01	73	35.5575	89.7125	26	607	385

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TENNESSEE	TIPTON	TNTP02	72	35.5614	89.6500	40	700	328
	WEAKLEY	TNWK01	26	36.4619	88.6017	5	835	430
	WEAKLEY	TNWK02	25	36.4597	88.5444	100	1025	465
TEXAS	ANDERSON	TXAD01	389	32.0433	95.6101	100	10915	529
	ANDERSON	TXAD02	451	31.7119	95.5030	214	5760	490
	ANDERSON	TXAD03	427	31.8255	95.7727	298	5104	352
	ANGELINA	TXAG01	504	31.3014	94.6545	185	4794	278
	ARANSAS	TXAR01	931	28.0735	97.0863	115	10000	5
	ARANSAS	TXAR02	916	28.2715	97.0356	80	11220	17
	ARANSAS	TXAR03	923	28.2021	96.9076	120	12020	15
	ATASCOSA	TXAT01	845	28.9141	98.4357	39	7738	402
	ATASCOSA	TXAT02	812	29.1901	98.7611	120	2495	662
	ATASCOSA	TXAT03	854	28.8581	98.5701	216	5082	402
	AUSTIN	TXAU01	701	30.0209	96.4387	120	11011	293
	AUSTIN	TXAU02	708	30.0008	96.1093	60	11437	140
	AUSTIN	TXAU03	736	29.8286	96.2896	100	11028	250
	AUSTIN	TXAU04	760	29.6385	96.1186	200	13022	138
	BASTROP	TXBA01	683	30.1601	97.4872	100	2604	500
	BASTROP	TXBA02	706	29.9702	97.4020	100	1703	465
	BASTROP	TXBA03	663	30.3212	97.3270	166	3335	573
	BASTROP	TXBA04	691	30.1248	97.1253	316	9260	550
	BEE	TXBE01	895	28.4986	97.7928	125	16026	346
	BEE	TXBE02	881	28.6077	97.9984	52	16988	342
	BEE	TXBE03	902	28.3809	97.4883	824	16334	99
	BRAZORIA	TXBR01	809	29.2582	95.5375	144	10202	42
	BRAZORIA	TXBR02	842	29.0140	95.7011	119	14002	29
	BRAZORIA	TXBR03	800	29.3189	95.2429	201	12502	24
	BRAZORIA	TXBR04	840	29.0195	95.2884	2500	18296	3
	BRAZORIA	TXBR05	825	29.1645	95.0884	1216	16458	0
	BRAZORIA	TXBR06	776	29.5432	95.3600	56	8515	58
	BRAZOS	TXBZ01	615	30.6359	96.3766	98	5034	354
	BRAZOS	TXBZ02	638	30.4841	96.1463	150	8216	225
	BRAZOS	TXBZ03	581	30.8339	96.2606	100	11650	352

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TEXAS	BROOKS	TXBK01	970	26.9298	98.2329	100	12252	214
	BROOKS	TXBK02	964	27.1845	98.0822	1180	13500	95
	BURLESON	TXBU01	636	30.5090	96.7717	200	3696	410
	BURLESON	TXBU02	660	30.3500	96.6307	590	10149	294
	CALDWELL	TXCA01	735	29.8147	97.4092	31	2823	488
	CALHOUN	TXCL01	885	28.5590	96.5897	1568	11509	11
	CALHOUN	TXCL02	900	28.4210	96.5624	1696	16014	13
	CAMERON	TXCM03	989	26.0423	97.1082	374	17153	0
	CAMERON	TXCM01	986	26.1975	97.5766	84	18484	31
	CAMERON	TXCM02	984	26.3301	97.8433	2546	16211	48
	CASS	TXCS01	246	33.1660	94.1721	58	10889	321
	CASS	TXCS02	274	32.9476	94.5792	300	4123	308
	CASS	TXCS03	276	32.9172	94.1783	100	6700	207
	CASS	TXCS04	229	33.2804	94.4257	60	9864	227
	CHAMBERS	TXCH01	742	29.7220	94.6477	90	11150	13
	CHAMBERS	TXCH02	734	29.7904	94.3576	1788	13110	11
	CHAMBERS	TXCH03	725	29.8608	94.8681	1172	13680	46
	CHEROKEE	TXCK01	383	32.1018	95.2744	142	5031	479
	CHEROKEE	TXCK02	430	31.7963	95.2188	90	5464	440
	CHEROKEE	TXCK03	457	31.6434	95.0980	292	5514	340
	COLORADO	TXCO01	730	29.8355	96.5207	60	11424	295
	COLORADO	TXCO02	751	29.6855	96.5978	80	10016	260
	COLORADO	TXCO03	748	29.7024	96.6409	2241	12732	322
	COLORADO	TXCO04	779	29.5109	96.4334	60	11948	190
	DE WITT	TXDW01	824	29.1588	97.0322	91	11379	175
	DE WITT	TXDW02	839	29.0501	97.2477	1717	14472	191
	DE WITT	TXDW03	838	29.0543	97.3153	100	10676	166
	DE WITT	TXDW04	834	29.0684	97.4486	80	14482	378
	DE WITT	TXDW05	846	28.9470	97.6351	2992	14885	403
	DIMMIT	TXDI01	876	28.6036	100.0102	164	3004	755
	DIMMIT	TXDI02	904	28.3172	99.6635	124	5091	575
	DIMMIT	TXDI03	903	28.3145	99.9114	115	4338	701
	DUVAL	TXDU01	949	27.6474	98.7915	90	9021	702
	DUVAL	TXDU02	944	27.8276	98.5333	1527	16015	580
	DUVAL	TXDU03	955	27.4802	98.3734	690	7200	330

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TEXAS	DUVAL	TXDU04	956	27.4335	98.5594	142	5850	461
	FAYETTE	TXFY01	737	29.7640	97.2090	50	4972	460
	FAYETTE	TXFY02	698	30.0659	96.9243	293	4020	365
	FAYETTE	TXFY03	747	29.7177	97.0511	1188	11662	450
	FAYETTE	TXFY04	711	29.9503	96.6621	740	5863	366
	FORT BEND	TXFB01	761	29.6464	95.8478	4113	15869	100
	FORT BEND	TXFB02	764	29.6181	95.7057	108	9489	80
	FRANKLIN	TXFR01	271	32.9897	95.1779	207	6220	440
	FREESTONE	TXFS01	458	31.6531	96.1372	140	4702	400
	FREESTONE	TXFS02	408	31.9458	96.0706	20	8406	256
	FREESTONE	TXFS03	452	31.6920	96.3758	73	4030	513
	FRIO	TXFO01	861	28.7948	99.0707	130	4914	559
	FRIO	TXFO02	830	29.0871	99.1223	200	2226	673
	GALVESTON	TXGA01	784	29.4546	95.0981	3028	14897	17
	GOLIAD	TXGO01	868	28.7672	97.3456	97	24748	209
	GOLIAD	TXGO02	884	28.5639	97.5959	230	10242	200
	GONZALES	TXGZ01	759	29.6264	97.3085	240	6009	290
	GONZALES	TXGZ02	804	29.2856	97.4190	100	12067	332
	GONZALES	TXGZ03	769	29.5771	97.6269	80	7434	382
	GONZALES	TXGZ04	797	29.3128	97.7533	100	6218	331
	GREGG	TXGG01	334	32.4814	94.9586	103	3678	276
	GRIMES	TXGR01	622	30.6069	96.0298	84	7895	380
	GRIMES	TXGR02	651	30.4091	96.0486	100	10523	315
	GRIMES	TXGR03	599	30.7546	95.9747	538	6329	355
	GUADALUPE	TXGU01	783	29.4702	97.9017	100	3225	639
	HARDIN	TXHA01	658	30.3571	94.2117	75	19127	65
	HARDIN	TXHA02	641	30.4631	94.3081	93	12944	82
	HARRIS	TXHR01	731	29.8504	95.5328	80	17004	96
	HARRIS	TXHR02	702	30.0137	95.6686	2590	17470	161
	HARRIS	TXHR03	707	29.9662	95.3828	2412	14248	91
	HARRIS	TXHR04	710	29.9481	95.1016	1184	9105	61
	HARRISON	TXHN01	333	32.4737	94.6788	95	8003	368
	HARRISON	TXHN02	308	32.6287	94.1842	88	6770	309
	HARRISON	TXHN03	302	32.7263	94.6549	100	3895	372
	HARRISON	TXHN04	332	32.4550	94.2776	204	3578	338

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TEXAS	HENDERSON	TXHE01	378	32.1454	95.9231	85	8745	444
	HENDERSON	TXHE02	348	32.3500	95.6820	262	8774	448
	HIDALGO	TXHI01	981	26.4281	98.4316	1525	14144	298
	HIDALGO	TXHI02	977	26.5518	98.1360	188	15009	72
	HIDALGO	TXHI03	985	26.1670	98.1736	1328	13822	94
	HIDALGO	TXHI04	987	26.1279	97.8760	68	14987	56
	HOPKINS	TXHO01	237	33.2319	95.4311	117	5275	406
	HOUSTON	TXHS01	481	31.4650	95.6902	110	5927	262
	HOUSTON	TXHS02	479	31.5110	95.1197	410	6668	214
	HOUSTON	TXHS03	506	31.3289	95.4036	443	7352	375
	JACKSON	TXJA01	841	29.0200	96.6891	153	5477	77
	JACKSON	TXJA02	866	28.8015	96.5583	1500	9302	35
	JASPER	TXJS01	549	31.0363	94.3692	50	10340	109
	JASPER	TXJS02	570	30.8810	94.0646	592	6018	170
	JASPER	TXJS03	634	30.4805	94.0197	1288	8126	90
	JASPER	TXJS04	666	30.2582	93.9635	80	7404	35
	JEFFERSON	TXJE01	717	29.8872	94.1607	1033	12270	13
	JIM HOGG	TXJH01	963	27.2531	98.8807	100	15615	819
	JIM HOGG	TXJH02	971	26.9000	98.6164	340	6506	442
	JIM WELLS	TXJW01	948	27.7127	98.2154	100	7667	302
	JIM WELLS	TXJW02	957	27.3824	98.0775	2018	19620	129
	KARNES	TXKA01	863	28.8340	97.7614	56	14067	258
	KARNES	TXKA02	867	28.7598	97.7930	136	7614	311
	KAUFMAN	TXKF01	325	32.5103	96.1290	132	5373	360
	KENEDY	TXKE01	975	26.6526	97.3971	2536	14516	-10
	KENEDY	TXKE02	972	26.8411	97.6480	64	16339	10
	KENEDY	TXKE03	969	26.9772	97.8355	62	17020	31
	KENEDY	TXKE04	965	27.1838	97.8719	100	10007	43
	KENEDY	TXKE05	966	27.1941	97.4822	50	15606	5
	KLEBERG	TXKL01	959	27.3863	97.3610	92	15994	0
	KLEBERG	TXKL02	958	27.4056	97.7596	1991	15907	32
	LA SALLE	TXLS01	877	28.6124	99.3408	100	5354	544
	LA SALLE	TXLS02	919	28.1705	99.3039	208	5007	496
	LA SALLE	TXLS03	880	28.6141	98.8909	334	6500	435
	LA SALLE	TXLS04	905	28.3352	99.0310	100	5649	382

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TEXAS	LAVACA	TXLV01	775	29.5460	96.9832	18	8515	360
	LAVACA	TXLV02	778	29.4854	96.8320	83	9900	200
	LAVACA	TXLV03	799	29.3351	96.9248	101	10897	220
	LAVACA	TXLV04	792	29.3694	96.6845	188	16720	199
	LAVACA	TXLV05	822	29.1839	96.8273	63	16015	144
	LEE	TXLE01	650	30.3928	96.9673	133	7326	453
	LEON	TXLN01	513	31.3032	96.1670	90	10240	460
	LEON	TXLN02	528	31.1748	95.8439	711	7906	251
	LEON	TXLN03	535	31.1073	96.1181	452	7432	479
	LIBERTY	TXLI01	659	30.3442	94.9713	100	10256	140
	LIBERTY	TXLI02	718	29.9070	94.6563	100	9672	33
	LIBERTY	TXLI03	670	30.2487	95.0415	110	16978	123
	LIBERTY	TXLI04	690	30.1220	94.7551	80	10201	72
	LIBERTY	TXLI05	689	30.0983	94.4827	122	11479	46
	LIMESTONE	TXLM01	507	31.3144	96.4922	112	12420	396
	LIVE OAK	TXLO01	894	28.4966	98.1826	85	8018	160
	LIVE OAK	TXLO02	901	28.3923	98.0071	100	14050	211
	LIVE OAK	TXLO03	922	28.1821	98.2023	78	14857	392
	MATAGORDA	TXMG01	879	28.6897	96.2801	1483	15994	1
	MATAGORDA	TXMG02	872	28.7568	96.0244	300	16513	10
	MATAGORDA	TXMG03	856	28.8985	96.1362	136	11498	10
	MATAGORDA	TXMG04	857	28.8803	95.8747	3032	16500	24
	MATAGORDA	TXMG05	844	28.9946	96.0213	107	11499	10
	MC MULLEN	TXMM01	878	28.6438	98.5865	106	6022	321
	MC MULLEN	TXMM02	906	28.3286	98.3589	75	15018	244
	MC MULLEN	TXMM03	914	28.2256	98.5868	228	7594	288
	MC MULLEN	TXMM04	920	28.1970	98.7493	487	24213	255
	MC MULLEN	TXMM05	927	28.0887	98.3702	90	10600	418
	MILAM	TXMI01	621	30.6042	97.0497	384	4900	496
	MONTGOMERY	TXMY01	637	30.5101	95.6610	277	16764	222
	MONTGOMERY	TXMY02	643	30.4483	95.3474	2123	12999	264
	MONTGOMERY	TXMY03	667	30.2867	95.4622	102	11803	169
	MONTGOMERY	TXMY04	674	30.2341	95.6467	32	13319	203
	MORRIS	TXMO01	247	33.1701	94.7240	80	5452	374
	NACOGDOCHES	TXNA01	445	31.7149	94.8008	110	9152	345

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TEXAS	NACOGDOCHES	TXNA02	464	31.5952	94.4145	93	8716	525
	NAVARRO	TXNV01	401	31.9845	96.3337	84	3254	375
	NEWTON	TXNE01	539	31.0589	93.5596	541	9361	108
	NEWTON	TXNE02	540	31.0693	93.6695	80	15384	330
	NEWTON	TXNE03	561	30.9576	93.8220	83	14111	297
	NEWTON	TXNE04	587	30.7905	93.5846	117	11404	80
	NEWTON	TXNE05	620	30.5928	93.7395	211	10001	60
	NUECES	TXNU01	942	27.8752	97.8878	310	6344	99
	NUECES	TXNU02	950	27.6678	97.4973	1224	15000	36
	NUECES	TXNU03	951	27.6322	97.1299	260	14505	56
	ORANGE	TXOR01	697	30.0152	93.7689	2988	14002	4
	ORANGE	TXOR02	688	30.1061	93.9421	1467	10800	12
	PANOLA	TXPA01	376	32.1413	94.4210	1648	9594	307
	PANOLA	TXPA02	372	32.1701	94.0778	632	6804	294
	POLK	TXPO01	598	30.7287	94.6738	920	11203	284
	POLK	TXPO02	614	30.6182	94.9358	50	8535	126
	POLK	TXPO03	555	30.9912	94.9088	2089	12781	267
	POLK	TXPO04	635	30.5067	94.7616	100	11496	165
	RAINS	TXRA01	286	32.8084	95.6503	105	4752	460
	RAINS	TXRA02	280	32.9013	95.7757	95	8509	470
	REFUGIO	TXRE01	911	28.2954	97.2425	80	8725	43
	ROBERTSON	TXRO01	556	31.0132	96.7394	108	2310	296
	ROBERTSON	TXRO02	533	31.1318	96.7452	122	3702	359
	RUSK	TXRU01	377	32.1441	94.8930	121	3592	400
	RUSK	TXRU02	360	32.2232	94.6844	100	7606	417
	RUSK	TXRU03	394	31.9966	94.9219	105	4180	417
	RUSK	TXRU04	407	31.9278	94.6482	417	12310	581
	SABINE	TXSB01	470	31.5534	93.9451	80	7073	286
	SABINE	TXSB02	518	31.2504	93.9776	43	9602	221
	SABINE	TXSB03	503	31.3120	93.7011	119	4402	216
	SAN AUGUSTINE	TXSA01	498	31.3773	94.2705	493	9154	252
	SAN JACINTO	TXSJ01	590	30.7588	95.2262	100	14478	250
	SAN JACINTO	TXSJ02	642	30.4578	95.1753	100	11099	254
	SAN PATRICIO	TXSP01	928	28.1258	97.7924	994	14492	149
	SAN PATRICIO	TXSP02	935	28.0017	97.5066	1024	9940	54

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TEXAS	SAN PATRICIO	TXSP03	940	27.9414	97.1754	1847	14035	4
	SHELBY	TXSH01	417	31.8799	94.4201	100	7706	347
	SHELBY	TXSH02	424	31.8348	94.0065	39	7106	245
	SMITH	TXSM01	351	32.3050	95.3316	200	8012	569
	SMITH	TXSM02	319	32.5330	95.3359	200	4762	398
	STARR	TXST01	973	26.7126	98.4067	80	8234	247
	STARR	TXST02	976	26.5577	98.9731	100	13115	355
	STARR	TXST03	974	26.6567	98.7105	177	5503	527
	TITUS	TXTI01	241	33.1918	95.0395	103	5489	420
	TITUS	TXTI02	270	33.0037	94.8292	333	6038	299
	TRINITY	TXTR01	541	31.0743	95.3691	91	10608	170
	TRINITY	TXTR02	505	31.3190	95.0307	497	8431	285
	TYLER	TTY01	577	30.8533	94.3550	100	14510	294
	TYLER	TTY02	589	30.7706	94.4915	60	20454	305
	TYLER	TTY03	604	30.7006	94.5668	80	16005	270
	UPSHUR	TXUP01	303	32.7159	94.9278	197	4046	330
	VAN ZANDT	TXVZ01	320	32.5666	95.8412	114	3018	414
	VAN ZANDT	TXVZ02	343	32.3646	96.0153	78	4507	445
	VICTORIA	TXVI01	847	28.9350	97.1423	921	9226	131
	VICTORIA	TXVI02	882	28.6156	97.0788	535	6510	82
	VICTORIA	TXVI03	871	28.7613	96.7631	2113	11795	43
	WALKER	TXWA01	571	30.8956	95.6249	120	11647	168
	WALKER	TXWA02	611	30.6742	95.4580	161	15405	350
	WALLER	TXWL01	677	30.1990	96.0916	68	20788	235
	WALLER	TXWL02	692	30.1293	96.0244	100	10976	264
	WALLER	TXWL03	719	29.9056	95.9315	132	13526	192
	WALLER	TXWL04	743	29.7454	95.9907	111	13509	120
	WASHINGTON	TXWS01	671	30.2413	96.6549	715	10235	314
	WASHINGTON	TXWS02	676	30.1840	96.4410	98	18440	349
	WEBB	TXWE01	930	28.0248	99.8432	177	5760	744
	WEBB	TXWE02	945	27.7772	99.4511	180	15010	701
	WEBB	TXWE03	953	27.5632	99.2451	1695	19850	610
	WEBB	TXWE04	946	27.7721	99.0478	100	20571	497
	WEBB	TXWE05	936	27.9588	98.8792	207	7696	326
	WEBB	TXWE06	934	28.0153	99.2996	367	6802	480

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude (feet)
				Latitude (degrees)	Longitude (degrees)			
TEXAS	WEBB	TXWE07	960	27.3215	99.2922	505	10090	422
	WEBB	TXWE08	954	27.4508	98.9525	535	9199	848
	WHARTON	TXWH01	831	29.1403	96.1676	639	7371	81
	WHARTON	TXWH02	810	29.2570	95.8890	80	9498	70
	WHARTON	TXWH03	785	29.4754	96.1206	2244	15032	116
	WHARTON	TXWH04	793	29.3578	96.2978	1994	11475	138
	WILLACY	TXWI01	983	26.3528	97.4653	100	16002	9
	WILLACY	TXWI02	978	26.5749	97.7131	2084	16114	20
	WILSON	TXWN01	814	29.2203	98.3037	316	2953	451
	WILSON	TXWN02	837	29.0528	98.0537	147	5200	367
	WILSON	TXWN03	851	28.9127	98.2108	398	6214	307
	WILSON	TXWN04	791	29.3350	97.9440	100	2552	565
	WOOD	TXWO01	294	32.7831	95.3375	284	8012	402
	ZAPATA	TXZP01	967	27.0592	99.0243	90	9994	512
	ZAPATA	TXZP02	968	26.9772	99.2121	1076	11514	421
	ZAVALA	TXZV01	870	28.6985	99.7656	28	5000	590
	ZAVALA	TXZV02	843	28.9158	99.8160	42	5862	724
	ZAVALA	TXZV03	836	29.0009	99.5130	165	3888	800
	OFFSHORE	T70001	979	26.5823	97.1366	612	10537	-69
	OFFSHORE	T70002	982	26.3988	97.0903	705	13168	-53
	OFFSHORE	T70003	980	26.5076	96.9307	484	12498	-112
	OFFSHORE	T70004	988	26.0728	96.8281	417	9999	-125
	OFFSHORE	T70201	961	27.3538	97.1634	250	12016	-76
	OFFSHORE	T70202	947	27.8169	96.7731	396	12028	-139
	OFFSHORE	T70203	952	27.6428	97.0071	324	14029	-69
	OFFSHORE	T70204	962	27.3720	96.7764	504	10962	-175
	OFFSHORE	T70301	932	28.1039	96.5332	670	11011	-79
	OFFSHORE	T70302	907	28.3830	96.1734	528	10314	-36
	OFFSHORE	T70303	933	28.1041	96.2522	722	11958	-99
	OFFSHORE	T70401	875	28.6971	95.4380	505	11470	-43
	OFFSHORE	T70402	898	28.4889	95.9539	527	11023	-33
	OFFSHORE	T70403	888	28.5281	95.7787	498	12002	-46
	OFFSHORE	T70404	925	28.1794	95.7322	716	10254	-122
	OFFSHORE	T70405	908	28.3268	95.4618	604	12438	-112
	OFFSHORE	T70501	938	27.9809	95.5109	1022	12469	-188

Table 2.--Log number and sequence number, well locations, interval logged, and land-surface altitude,
by State and County--Continued

State	County	Log number	Log sequence number	Well location		Depth logged from (feet)	Depth logged to (feet)	Land- surface altitude to (feet)
				Latitude (degrees)	Longitude (degrees)			
TEXAS	OFFSHORE	T70601	852	28.9093	95.1847	411	10036	-30
	OFFSHORE	T70602	855	28.8832	94.7095	507	16087	-69
	OFFSHORE	T70603	896	28.4998	94.8470	612	6828	-115
	OFFSHORE	T70604	835	29.0959	94.5943	593	14732	-43
	OFFSHORE	T70605	887	28.5218	95.1512	611	11971	-99
	OFFSHORE	T70701	929	28.1407	94.8966	895	9502	-185
	OFFSHORE	T70702	943	27.8850	94.8928	702	6805	-462
	OFFSHORE	T70801	768	29.5643	94.0045	160	13385	-10
	OFFSHORE	T70802	815	29.2206	94.1521	500	13149	-43
	OFFSHORE	T70803	874	28.7125	94.0072	285	13388	-106
	OFFSHORE	T70804	798	29.3076	94.5152	421	9943	-20
	OFFSHORE	T70901	910	28.2999	94.1503	995	8646	-175
	OFFSHORE	T70902	915	28.2427	94.4717	881	6174	-165
	OFFSHORE	T70903	939	27.9496	94.3888	1076	11760	-347
	OFFSHORE	T70904	941	27.9175	93.9674	1181	13503	-330
	OFFSHORE	T71001	873	28.6801	93.7206	641	6791	-112
	OFFSHORE	T71101	937	27.9760	93.5193	1342	11035	-363
	OFFSHORE	T71102	909	28.2908	93.6905	996	9114	-201

Explanation of data in table 3:

Log sequence number--Wells for which logs were used in this study were numbered sequentially for convenience in this report. The numbers begin at the northernmost well in the project area and end at the southernmost.

Log number--An alphanumeric system that uses the two-letter State abbreviation followed by a two-letter county (parish) abbreviation followed by a two-digit sequential number. For example, the first well numbered in Ballard County, Kentucky, would be KYBA01. Offshore numbers are composed of the single letter initial of the State and a three-digit API (American Petroleum Institute) number followed by a two-digit sequential number.

County--County (parish) in which the logged well was drilled. Offshore logs are listed following county (parish) lists.

Company name--The name of the organization or individual that drilled the well, such as Little Egypt Oil Co.

Well name--Based on the owner of the mineral rights to the land (generally the landowner) on which the well is drilled and, in most instances, sequential well number such as Delaney, No. 1.

Table 3.--Log number and well location, company, and name, by log sequence number
[SL = State Lease]

Log se- quence number	Log number	County	Company	Well name
1	KYMC01	MC CRACKEN	Glen Mitchell	W.B. Jackson, No. 1
2	KYGR03	GRAVES	Symsonia Water District	Water-supply well, No. 1
3	KYBA01	BALLARD	Hi-Grade Concrete, Inc.	Water-supply well
4	KYCL02	CARLISLE	Alton Summers	Test hole
5	MOMS02	MISSISSIPPI	Little Egypt Oil Co.	Delaney, No. 1
6	MOST03	STODDARD	Nuclear Regulatory Commission	Test hole, No. 2
7	KYCL01	CARLISLE	T.J. Wilson	Wilson, No. 1
8	MOSC01	SCOTT	City of Sikeston	Test well, No. 4
9	KYGR01	GRAVES	Frank Gumpton	Water-supply well
10	KYGR05	GRAVES	Clyde Adams	Elliot-Harding, No. 1
11	MOST02	STODDARD	Marr	Barnett, No. 1
12	MOST01	STODDARD	U.S. Geological Survey	Higgins, No. 1
13	KYHI01	HICKMAN	U.S. Geological Survey	Jack Roberts, No. 2
14	MOMS01	MISSISSIPPI	Hercules Oil Co.	Big Oak, No. 1
15	KYGR02	GRAVES	Highland Country Club	Water-supply well
16	KYCA01	CALLOWAY	Eli Lilly	Water-supply well, No. 3
17	KYCA03	CALLOWAY	South Central Petr. Co.	Pearl Jones Cherry, No. 1
18	KYHI02	HICKMAN	U.S. Geological Survey	Paul Stephens, No. 1
19	MONM03	NEW MADRID	Cordova Union Oil Co.	Phillips, No. 1
20	KYCA02	CALLOWAY	B.M. Ford	Water-supply well
21	KYFU01	FULTON	City of Hickman	Water-supply well
22	KYGR04	GRAVES	U.S. Geological Survey	Jess Walker, No. 1
23	KYFU04	FULTON	Clemans Expl. Co.	Floyd R. Naylor, No. 1
24	TNHN03	HENRY	U.S. Geological Survey	Mrs. Dewey Ealey, No. T-2-HY
25	TNWK02	WEAKLEY	E. Hildreth	G.C. McLean, No. 1
26	TNWK01	WEAKLEY	E. Hildreth	Berryman, No. 1
27	KYFU03	FULTON	City of Fulton	Water-supply well
28	KYFU02	FULTON	Florence Smith	Water-supply well
29	MODU01	DUNKLIN	Thomas C. Knight	John Stewart, No. 1
30	TNHN02	HENRY	Spinks Clay Co.	Water-supply well
31	MONM01	NEW MADRID	U.S. Bureau of Mines	Oliver, No. 1
32	TNOB01	OBION	Union City	Water-supply well, No. 8
33	MODU02	DUNKLIN	City of Campbell	Water-supply well, No. 1
34	TNHN01	HENRY	U.S. Geological Survey	Test hole, No. T-4-84
35	MONM02	NEW MADRID	U.S. Geological Survey	New Madrid test well, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
36	TNLK01	LAKE	Jack W. Frazier & Carl Benz	Sam Hays, No. 1
37	TNLK02	LAKE	Corley & Geiselman & Benz	J.E. Vaughn, No. 1
38	MOPE02	PEMISCOT	Strake Petroleum, Inc.	T.P. Russell, No. 1
39	ARCL01	CLAY	Gallatin Drlg. Co.	J. Callaway, No. 1
40	ARCL02	CLAY	Knobel	Water-supply well, No. 2
41	TNHN04	HENRY	U.S. Geological Survey	Test hole, No. T-1-HY
42	MODU04	DUNKLIN	City of Kennett	Water-supply well, No. 1
43	TNCR02	CARROLL	T.L. Lee	Test hole, No. T-1-Ca
44	MOPE03	PEMISCOT	City of Caruthersville	Water-supply well
45	ARGN01	GREENE	Lafe Water Association	Water-supply well, No. 1
46	TNGB01	GIBSON	L.M. Watson	Vance Holt, No. 2
47	TNDY02	DYER	Dyersberg Municipal Waterworks	Water-supply well
48	MOPE01	PEMISCOT	City of Steele	Water-supply well, No. 2
49	TNDY01	DYER	Henderson Oil Co.	Field, No. 1
50	MODU05	DUNKLIN	Hornersville	Water-supply well, No. 1
51	MODU03	DUNKLIN	Cardwell City	Water-supply well, No. 1
52	TNCR03	CARROLL	U.S. Geological Survey	Test hole, No. T-2-Ca
53	TNCR01	CARROLL	U.S. Army Corps of Engineers	Corps of Engineers, No. T-2-80
54	ARMS05	MISSISSIPPI	Dogwood Community Water Ass'n., Inc.	Water-supply well
55	ARLW01	LAWRENCE	Stone & Grenshaw	Lesser Goldman, No. 1
56	ARCR02	CRAIGHEAD	Quintin Little	Little, No. 1
57	TNCK02	CROCKETT	Maury City	Water-supply well
58	TNLD02	LAUDERDALE	Raymond Gear	Lee, No. 1
59	ARMS03	MISSISSIPPI	City of Manila	Water-supply well, No. 2
60	TNMD02	MADISON	U.S. Geological Survey	Test well, No. T-1-M
61	TNCK01	CROCKETT	Winter Garden Freezer Co.	Water-supply well
62	TNLD03	LAUDERDALE	Town of Ripley	Water-supply well
63	ARCR01	CRAIGHEAD	Tennark, Inc.	Ruby Martin, No. 1
64	TNMD01	MADISON	Jackson Utility District	Test hole, No. 17-76
65	TNMD03	MADISON	U.S. Geological Survey	Test well, No. T-2-M
66	ARMS02	MISSISSIPPI	City of Osceola	Water-supply well
67	ARMS04	MISSISSIPPI	Union Carbide Corp.	Water-supply well, No. 2
68	TNLD01	LAUDERDALE	U.S. Geological Survey	Test well
69	ARPO02	POINSETT	Truman Water Works	Water-supply well, No. 1
70	ARJA02	JACKSON	U.S. Geological Survey	Test hole

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
71	TNMD04	MADISON	Pinson Utility District	Test well
72	TNTP02	TIPTON	Covington	Test hole, No. 6
73	TNTP01	TIPTON	First Utility District of Tipton County	Test hole, No. 1
74	ARMS01	MISSISSIPPI	City of Wilson	Water-supply well
75	ARPO03	POINSETT	Seaboard Oil Co.	E.S. Maddox, No. 1
76	ARPO01	POINSETT	Town of Tyroneza	Test hole
77	ARJA01	JACKSON	Homer S. Head	C.B. Fousher, No. 1
78	TNHR02	HARDEMAN	U.S. Geological Survey	Test hole, No. T-3-H
79	TNFA01	FAYETTE	U.S. Geological Survey & Tenn. Dept. of Cons.	Test well, No. T-1-F
80	TNSH03	SHELBY	U.S. Geological Survey & Tenn. Dept. of Cons.	SH:T-18, Test well
81	TNHR01	HARDEMAN	Western State Hospital	No. 7
82	TNFA05	FAYETTE	Texas Gas Transmission Corp.	Mathews, No. 7003
83	ARCS03	CROSS	Ramsey Petr. Co.	Singer, No. 1
84	TNSH02	SHELBY	Lion Oil Refg. Co.	L. Bateman, No. 1
85	ARCT01	CRITTENDEN	H.L. Hawkins	R.G. O'Neal, No. 1
86	ARWO01	WOODRUFF	Magnolia Petroleum Co.	Core hole, No. 20
87	TNFA03	FAYETTE	Mr. Shinault	No. Fa: 0-32
88	TNSH06	SHELBY	Col. B.A. Murelle et al.	Emily Horton, No. 1
89	ARCT02	CRITTENDEN	General Crude Oil Co.	L.H. Carruth Estate, No. 1
90	TNSH07	SHELBY	Town of Buckeye	Water-supply well, No. 3
91	ARCS02	CROSS	Cross Oil Co.	Riley Surrat, No. 1
92	ARCS01	CROSS	Cross Oil Co.	Newman Bros., No. 1
93	TNHR04	HARDEMAN	Tenn. Gas Transmission Co.	Station 9 TGT water-supply well, No. 3
94	TNHR03	HARDEMAN	U.S. Geological Survey	Test hole, No. T-2-HY
95	TNFA06	FAYETTE	Troxel Manufacturing Co.	Test hole, No. 6
96	TNSH04	SHELBY	Memphis Light, Gas and Water Division	SH:J-104, Test well
97	ARWH01	WHITE	J.E. Blackmon	Kent Pettit, No. 1
98	TNFA02	FAYETTE	Lazaros & Robins	Beasley, No. 1
99	ARWO02	WOODRUFF	H.P. Taubman	Peel, No. 1
100	TNFA04	FAYETTE	Texas Gas Transmission Corp.	Knox, No. 7005
101	TNSH01	SHELBY	E.R. Owen Trustee	Crumpler, No. 1
102	TNSH05	SHELBY	U.S. Geological Survey & Memphis L,G & W Div.	SH:J-142, Test well
103	MSTI01	TIPPAN	Houston Oil & Mineral Co.	C.T. Harrell, No. 1
104	ARSF01	ST FRANCIS	Manning & Martin, Inc.	Gregg, No. 1
105	ARPR01	PRAIRIE	R.E. Smith	Stewart, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
106	MSDS01	DE SOTO	Union Producing Co.	F.T. Withers Est., No. 1
107	ARSF02	ST FRANCIS	Harvey J. Wier & Sons	E.P. Lynn et al., No. 1
108	MSBE01	BENTON	City of Ashland	Water-supply well, No. 3
109	MSMS02	MARSHALL	Town of Byhalia	Water-supply well, No. 11
110	ARPR03	PRAIRIE	M.W. Martin	Stewart, No. 1
111	ARMO02	MONROE	U.S. Geological Survey	Brinkley test well, No. 1
112	MSMS03	MARSHALL	Holly Springs	Test hole (P73), No. 2
113	ARLE02	LEE	City of Marianna	Test hole, No. 3
114	ARMO01	MONROE	Pan American Petroleum Corp.	Hart, No. 1
115	MSDS02	DE SOTO	U.S. Corps of Engineers , Arkabutla Lake	No. K87
116	ARLO03	LONOKE	Frank F. Silver	Joseph Chambers Est., No. 2
117	MSTU01	TUNICA	Amerada Petroleum Corp.	R.I. Abbay, No. 1
118	ARLE01	LEE	U.S. Geological Survey	Test well, No. 1
119	ARPR02	PRAIRIE	Curtis-West Drilg. Co.	Day, No. 1
120	MSMS01	MARSHALL	Shell Oil Co.	Paul F. Johnson et al. Unit, No. 1
121	MSTE02	TATE	Victor P. Smith & Hess Production Co.	R.M. Waldrop, No. 1
122	MSTE01	TATE	Sinclair Oil & Gas Co.	E.E. Moore, No. 1
123	ARPH04	PHILLIPS	U. S. Forest Service	Storm Creek, No. 1
124	ARMO03	MONROE	Town of Roe	Water-supply well
125	ARLO01	LONOKE	Geochemical Surveys & Sonat, Inc.	J.W. Cobb, No. 1
126	MSLA04	LAFAYETTE	Pruet & Hughes Co.	Dunlap Unit 18-6, No. 1
127	ARLO02	LONOKE	Seaboard Oil Co.	Core Hole "J"
128	MSPA01	PANOLA	William H. Pine	Poynter, No. 1
129	MSTU02	TUNICA	Louisiana Land & Exploration Co.	R.A. Myers, No. 1
130	MSUN01	UNION	Richardson Oils, Inc.	Amos Robbins, No. 1
131	MSLA02	LAFAYETTE	Seaboard Oil Co.	Lowe, No. 1
132	ARPH03	PHILLIPS	Arkla Chemical Corp.	Construction well, No. 1
133	ARPH02	PHILLIPS	Ambassador Oil Corp.	Thompson Unit, No. 1
134	ARAR05	ARKANSAS	D.J. Flesh et al.	Rosencrantz, No. 1
135	ARPH05	PHILLIPS	McAlester Fuel Co.	Howe Lumber Co., No. A-1
136	ARAR02	ARKANSAS	Seaboard Oil Co.	R.L. Seabee, No. 1
137	ARJE03	JEFFERSON	Rambo & Stephens	J.D. Nivens, No. 1
138	MSLA03	LAFAYETTE	Sohio Petroleum Co.	Burt, No. 1
139	MSCO02	COAHOMA	Exxon Co., U.S.A.	Ray C. Dawson et al. Unit 1, No. 1
140	MSPA02	PANOLA	Amerada Petroleum Corp.	Kyle core test, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
141	ARJE02	JEFFERSON	F.H. Carpenter	A.C. McGregor, No. 1
142	MSLA01	LAFAYETTE	Adams Oil & Gas	Levellien, No. 1
143	MSQU01	QUITMAN	Town of Marks	Water-supply well, No. E32
144	ARAR03	ARKANSAS	J.L. Youngblood & Milton Crow	Jesse B. West, No. 1
145	ARGR03	GRANT	Champlin Petr. Co. et al.	Core hole, No. 3
146	ARJE05	JEFFERSON	Altheimer	Water-supply well, No. 1
147	MSP001	PONTOTOC	L.E. Salmon	Rex Patterson, No. 1
148	ARPH01	PHILLIPS	Plymouth Oil Co.	J.R. Bush, No. 1
149	ARAR04	ARKANSAS	Blackwell Oil & Gas	E.P. Fox, No. 1
150	MSYA01	YALOBUSHA	Continental Oil Co.	Land Nesbitt VA-507, No. 1
151	MSCO01	COAHOMA	Texaco, Inc.-Exxon Co., U.S.A.	David Ivey, No. 1
152	MSTA02	TALLAHATCHIE	La.-Miss. Oil Co.	C.E. Shores, No. 1
153	ARJE01	JEFFERSON	W. Stratton	Stratton, No. 1
154	ARGR02	GRANT	Connolly & Froderman & Stratton Drlg. Co.	Ashcraft, No. 1
155	ARGR01	GRANT	E.V. Martin	Parnell, No. 1
156	ARJE04	JEFFERSON	Gregg Oil Co.	H.A. Taylor, No. 1
157	MSYA02	YALOBUSHA	Continental Oil Co.	Gibson VA-495, No. 1
158	ARLI02	LINCOLN	Gregg Oil Co.	Sam Gamble, No. 1
159	ARAR01	ARKANSAS	Seaboard Oil Co.	A.M. Bohnert, No. 1
160	ARCV01	CLEVELAND	Lion Oil Co.	Core hole, No. M-6
161	ARCK03	CLARK	J.H. Williams & J.H. McKinnon	Hunnicuttt, No. 1
162	MSCA01	CALHOUN	Seaboard Oil Co.	J.L. Williams, No. 1
163	MSTA03	TALLAHATCHIE	Marshall R. Young	H.H. Dogan, No. 1
164	MSBO01	BOLIVAR	Central Oil Co.	Tuminello, No. 1
165	ARLI01	LINCOLN	William L. Durham	Tarver, No. 1
166	MSBO02	BOLIVAR	Miss-Tex Oil Producers	Cladys G. Thompson, No. 1
167	MSTA01	TALLAHATCHIE	La Rue & Lewis	L. Westbrook, No. 1
168	ARDA02	DALLAS	Lion Oil Co.	Exploration hole, No. F-16
169	ARDE02	DESHA	Roy Northen et al.	Baxter Land Co, No. 1
170	ARDE01	DESHA	W. Shannon Goodwin	S.A. Banks Est., No. 1
171	ARCV02	CLEVELAND	Taylor-Kirby Drlg. Co.	Blankenship-Gibson, No. 1
172	MSWE01	WEBSTER	Pan American Petroleum Corp.	Holmes Davis Unit, No. 1
173	MSGR01	GRENADE	J.R. Lockhart	Fite, No. 1
174	MSSU01	SUNFLOWER	J.L. Ryan & P.J. Townsend	J.R. Cooper, No. 1
175	ARDA01	DALLAS	H.M. Mills	Sparkman Lumber Co.-Horne, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
176	ARCK01	CLARK	J.P. Grieves	H. Ross, No. 1
177	MSWE02	WEBSTER	Savannah Water Association	Water-supply well
178	MSGR02	GRENADA	Frederic F. Mellen	Mrs. A.G. Williams, No. 1
179	ARCK02	CLARK	W.S. King	McKenzie 1, No. 1
180	MSTA04	TALLAHATCHIE	Gulf Refining Co.	T.P. Cason, No. 1
181	ARCV03	CLEVELAND	Hayman & Ginsberg	C.B. Atwood, No. 1
182	ARNE03	NEVADA	John Fetzer	Kizer, No. 1
183	ARDR03	DREW	C.A. Kinard	T.C. Deal, No. 1
184	ARDR02	DREW	Orville H. Parker	Dermot Land & Lumber Co., No. 1
185	ARCA02	CALHOUN	T. Jordan	C. Incevan, No. 1
186	MSBO03	BOLIVAR	Joseph F. Fritz Operating Co.	Seligman-Polk, No. 1
187	AROU01	OUACHITA	Hunt Oil Co.	Mollie Purifoy, No. 1
188	MSCR04	CARROLL	Echols & Le Blanc	Cutrer et al., No. 1
189	ARNE04	NEVADA	McAlester Fuel Co.	Kizer, No. A-1
190	MSOK01	OKTIBBEHA	Texaco, Inc.	Clyde Q. Sheely, No. 1
191	MSMN01	MONTGOMERY	Billups Brothers	C.A. Townsend, No. 1
192	MSSU03	SUNFLOWER	Sohio Petroleum Co.	Noel Pittman, No. 1
193	AROU03	OUACHITA	Danciger Oil & Refining Co.	Nolan Huddleston, No. 1
194	ARNE02	NEVADA	W.L. Pickens et al.	C.T. Almond, No. 1
195	ARCH05	CHICOT	P.S. Dermott	Water-supply well, No. 1
196	ARDR01	DREW	Union Producing Co.	Crossett, No. H-1
197	ARBR03	BRADLEY	Pan-Am Southern Corp.	Bradely Lbr. Co., No. 1
198	ARHE01	HEMPSTEAD	Lee & Burnett	Ollar, No. A-1
199	MSCT01	CHOCTAW	Henson & Rife Co.	Stafford-Copeland-Stafford, No. 1
200	MSCR01	CARROLL	The Texas Co.	E.G. Whitehead, No. 1
201	MSWS01	WASHINGTON	Roeser & Pendleton	Conn. Gen. Life Ins. Co., No. 1
202	ARLR01	LITTLE RIVER	Dillingham, Chapman, & Lynch	Hawkins, No. 1
203	MSCR02	CARROLL	N.B. Hunt	Alex Phillips, No. 1
204	MSCR03	CARROLL	West Bay Co.	Ralph Redditt, No. 1
205	ARNE01	NEVADA	Burnett Prod. Co.	J.J. Barr Estate, No. A-1
206	ARCH02	CHICOT	Lisbon Gasoline Co.	Thudium, No. 1
207	ARCA01	CALHOUN	Alcan Oil Co.	Southern Kraft, No. 8
208	MSAT03	ATALA	Justice Mears Oil Co.	Bingham, No. 1
209	MSSU02	SUNFLOWER	Pan American Petroleum Corp.	A.J. Word, No. 1
210	ARAS06	ASHLEY	L.C. Brown	Water-supply well, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
211	MSCT02	CHOCTAW	Pan American Petroleum Corp.	U.S.A.-Tombigbee Forest, No. 1
212	ARAS02	ASHLEY	McAlester Fuel Co.	Crossett Lumber Co., No. A-1
213	AROU02	OUACHITA	Root Petroleum	N. Hardin, No. 2
214	MSAT04	ATTALA	Roy L. Fisher	Fed. Ld. Bk. Peeler, No. 1
215	ARAS04	ASHLEY	Floyd P. Wilson	Joe Pugh et al., No. 1
216	ARBR02	BRADLEY	R.M. Crabtree & Shannon Goodwin	Vick Townsite, Jackson Est., No. 1
217	ARCM02	COLUMBIA	Peterson Drlg. Co. & The Palmer Corp.	H.L. Curry, No. A-1
218	MSHU02	HUMPHREYS	Roesser and Pendleton	State Land, No. 1
219	ARCH01	CHICOT	Jack Marvin & Anna Louise Van Dyke	Cox, No. 1
220	ARLA02	LAFAYETTE	East Texas Refining Co.	Bell, No. B-1
221	MSWS02	WASHINGTON	Murphy-Sun	J.S. Brown, No. 1
222	ARBR01	BRADLEY	William R. Wood, Jr.	Hunt, No. 2
223	ARMI02	MILLER	Carter Oil Co.	H.B. Carroll, No. 3
224	MSAT02	ATTALA	Shell Oil Co.	H.H. Wheelles, No. 1
225	MSHU02	HOLMES	Hawkins & Howell	A.P. Jones, No. 1
226	ARUN05	UNION	Kinard & Curtis	Dumas, No. 1
227	ARUN06	UNION	Atlantic Refining Co.	Mary E. Davis, No. 1
228	ARMI01	MILLER	Tom Palmer et al.	Watts, No. 1
229	TXCS04	CASS	Shell Oil Co.	MacDonnell, No. B-2
230	MSWN01	WINSTON	A.P. Flanners - J.C. Stienmetz	D.L. Fair Lumber Co., No. 1
231	ARCM03	COLUMBIA	Frank & George Frankel	Lizzie Pickler, No. 1
232	MSWS04	WASHINGTON	Moses & New	H.A. Treadway, No. 1
233	ARCH04	CHICOT	Justiss-Mears Oil Co.	J.E. Beebe, No. 1
234	ARAS01	ASHLEY	Garland Anthony	Crossett Lumber Co., No. 1
235	ARAS05	ASHLEY	Union Producing Co.	Crossett Lbr. Co., No. D-1
236	ARUN03	UNION	Lion Oil & Refining Co.	Nick, No. 1
237	TXHU01	HOPKINS	Hammack Oil Co.	Goodman, No. 1
238	MSNX01	NOXUBEE	Naval Air Station	Water-supply well
239	MSHU01	HOLMES	R.L. Price	S. McFarland, No. 1
240	ARAS03	ASHLEY	Lion Oil Co.	Crossett Lumber Co., No. B-2
241	TXTI01	TITUS	W.M. Coats	Lackey, No. 1
242	MSAT01	ATTALA	Stanolind Oil & Gas Co.	C.E. Steed, No. 1
243	MSWS03	WASHINGTON	John D. Noble & Chas. A. Perkins	Middleton-Worthington, No. 1
244	ARCH03	CHICOT	H.L. Hawkins & F.S. Kelly, Jr.	Alain Meyers, No. 1
245	ARUN01	UNION	Lion Oil Co.	Loftin, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
246	TXCS01	CASS	Humble Oil & Refining Co.	W.D. Hicks, No. 1
247	TXM001	MORRIS	Grelling Estate	Connor, No. 1
248	MSH003	HOLMES	Marshall R. Young et al.	Board of Supervisors, No. 1
249	ARUN02	UNION	S.A. Kinard et al.	Anthony, No. 1
250	ARCM01	COLUMBIA	Carter Oil Co.	Foster-Grayson, No. B-1
251	MSNE01	NESHOBA	Continental Oil Co.	H.O. Fortenberry, No. 1
252	MSHU01	HUMPHREYS	Kirby Exploration Co.	Varner, No. 1
253	MSSH02	SHARKEY	C.H. Murphy Jr. & Sun Oil Co.	H.T. Greer, No. 1
254	LAM001	MOREHOUSE	Barnsdall Oil Co. & C.N. Valerius	Crossett, No. 1
255	ARUN04	UNION	T.L. James & Co., Inc.	J.T. Taunton, No. 1
256	ARLA01	LAFAYETTE	Caddo Oil Co.	Smith, No. 1
257	ARMIO3	MILLER	Louark Producing Co.	Hedrick et al., No. 1
258	LAWC01	WEST CARROLL	Pure Oil Co.	Costello, No. 1
259	LAUN01	UNION	Sam Sklar	Ludi Sawyer, No. 1
260	MSKE02	KEMPER	E.F. Neely	W.W. Shepard, No. 1
261	MSIS01	ISSAQUENA	Pelican Oil & Gas Co.	Bender, No. 1
262	LAM002	MOREHOUSE	Woods et al.	Mrs. Cherry Bernstein et al., No. 9
263	LAUN05	UNION	H.J. Heartwell	Griffin, No. 1
264	LACL01	CLAIBORNE	J.C. Trahan Drlg. Contr., Inc.	Odom, No. A-1
265	LAWE01	WEBSTER	Hunt Oil Co.	F.T. Camp, No. 1
266	LABO01	BOSSIER	Kern Drlg. Co., Inc.	Covington, No. 1
267	LACD01	CADDO	Arkla Oil Co.	Mattie Pitts, No. 3
268	MSLK01	LEAKE	Harold K. Boysen	Denkman Lbr. Co., No. 1
269	LAEC01	EAST CARROLL	The California Co.	Greeson, No. 1
270	TXTI02	TITUS	Trice Production Co.	W.G. Walcott, No. 1
271	TXFR01	FRANKLIN	Hollandsworth Oil Co.	D.O. Aldridge, No. 1
272	MSNE02	NESHOBA	Providence Oil Co.	Laura Eakes, No. 1
273	MSYZ02	YAZOO	Love Petroleum Co. & A.W. Williams Drlg. Co.	Travis Speakes et al., No. 1
274	TXCS02	CASS	Richardson	Jenkins, No. 1
275	LAUN02	UNION	Shell Oil Co.	Rockett core test, No. 1
276	TXCS03	CASS	W.G. Skelly	Baldwin Heirs, No. 1
277	MSKE01	KEMPER	A.E. Manning & R.H. Bordeaux et al.	McKelvaine, No. 1
278	MSLK03	LEAKE	Occidental Petroleum Corp.	State Expl. Co. F.W. Reimers, No. 1
279	MSSH01	SHARKEY	Plymouth Oil Co.	U.S.A., No. 1
280	TXRA02	RAINS	Coats Drilling Co.	H. Brin Est., No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
281	MSMA03	MADISON	Love Petroleum Co.	E.W. Hill, No. 1
282	MSIS02	ISSAQUENA	Warren Petroleum Corp.	J.S. Heath, No. 1
283	ALSU01	SUMTER	H.H. Hamilton	Allison Lbr. Co., No. 1
284	MSNE03	NESHOBA	Clyde Creighton	E.B. Estates, No. 1
285	MSLK02	LEAKE	O.B. Trotter et al.	Board of Supervisors, No. 1
286	TXRA01	RAINS	Plains Production Co.	H. Foster, No. 1
287	MSMA02	MADISON	Continental Oil Co.	J.B. Lee, No. 1
288	MSYZ01	YAZOO	Snowden & McSweeney	Ben Hanley, No. 4
289	LAMO03	MOREHOUSE	H.R. Hayes	H.R. Hayes, No. 1
290	LAUN06	UNION	Mid Louisiana Gas Co.	MLGC Fee Gas, No. 877
291	LAUN03	UNION	Carter Oil Co.	Willie Mae Stancil, No. 1
292	LACL02	CLAIBORNE	Lion Oil Co.	Myra, No. 1
293	LABO02	BOSSIER	The Benton Field Unit	Benton Field Unit, No. 9
294	TXWO01	WOOD	F.R. Jackson	W.J. Bowman, No. 1
295	LAEC02	EAST CARROLL	Shell Oil Co.	A.S. Patrick, No. 1
296	LAWC02	WEST CARROLL	Taubert Drlg. Co.	Gowan, No. 1
297	LALN01	LINCOLN	Southwest Gas Prod. Co.	Lloyd, No. 1
298	LAWE02	WEBSTER	Monarch Petroleum Corp.	C.C. Hортman, No. 1
299	MSNW03	NEWTON	Kingwood Oil Co.	B.B. Jones State Land, No. 1
300	MSMA04	MADISON	Union Producing Co.	Murphy, No. 1
301	LACD02	CADDO	Jones Oil Co.	Kuhn, No. 1
302	TXHN03	HARRISON	Bill R. Tipton & Lodi Drlg. & Service Co.	James A. Bounds, No. 1
303	TXUP01	UPSHUR	W.W. Bradley	Dailey Estates, No. 1
304	ALSU02	SUMTER	Blair Oil & Gas Co.	Allison Lumber Co., No. 1
305	LAUN04	UNION	Phillips Petroleum Corp.	Hamilton, No. 1
306	MSSC01	SCOTT	Carter Oil Co.	U.S.A.-Clifton, No. 1
307	MSWR01	WARREN	The Texas Co.	A.B. Hinston, No. 1
308	TXHN02	HARRISON	Humble Oil & Refining Co.	T.J. Taylor, No. B-1
309	MSLD02	LAUDERDALE	C.L. Higgason & L.L. Chapman	Malone Thigpen, No. 1
310	MSLD01	LAUDERDALE	Wanete Oil Co.	J.F. Craig, No. 1
311	MSRA03	RANKIN	Phillips Petroleum Co.	Denkman, No. 2
312	LARI02	RICHLAND	Geo. B. Franklin	Fee, No. 3
313	LAOU03	OUACHITA	United Prod. Co., Inc.	Ouachita Farms, No. 1
314	MSLD03	LAUDERDALE	Damson Oil Corp. & M.J. Bernos	Desmer Lumber Co., No. 1
315	MSMA01	MADISON	D.C. Latimer & H.E. Richardson	Rogers-Raymand Unit, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
316	MSIS03	ISSAQUENA	Pres Cochran	Anderson Tulley, No. 1
317	LAMA01	MADISON	H. Barksdale Brown & Co.	Mahoney, No. 1
318	LAOU01	OUACHITA	Humble Oil & Refining Co.	N.B. Golsen, No. 1
319	TXSM02	SMITH	GC Clark Salt Dome Exploration Co.	J.M. Mims, No. 1
320	TXVZ01	VAN ZANDT	C.H. Alexander Jr.	L. Sides, No. 1
321	ALMA01	MARENGO	Currey Oil Co.	W.M. Glass et al., No. 1
322	MSHI03	HINDS	Great Northern Oil & Gas Co.	Board of Supervisors, No. 1
323	LAJA01	JACKSON	Cities Service Oil Co.	Tremont Lumber, No. K-1
324	LALN02	LINCOLN	Arkla Gas Co.	Hays, No. 1
325	TXKF01	KAUFMAN	L.A. Grelling	George Booker Tract No. 2, No. 1
326	ALCH01	CHOCTAW	Rush Oil Co., Inc.	J.B. Phillips, Jr., No. 1
327	MSNW01	NEWTON	Sun Oil Co.	Citizens National Bank, No. 1
328	MSNW02	NEWTON	Louisiana Land & Exploration Co.	S.A. Nicholson et al. Unit, No. 1
329	LABI01	BIENVILLE	Pierce & Crow	E.W. Merritt, No. 2
330	LAWEO3	WEBSTER	W.T. McElwee	Willis, No. 1
331	LABO03	BOSSIER	Louisiana Natural Gasoline Corp.	Dixon, No. 1
332	TXHN04	HARRISON	W.T. Saye	Blocker Est., No. 1
333	TXHN01	HARRISON	The Texas Co.	R.E. Latham, No. 1
334	TXGG01	GREGG	Loyce Phillips	John Smith et al., No. 1
335	ALMA02	MARENGO	Jack Daniel	Wallace Tutt et al., No. 1
336	MSSC02	SCOTT	Austral Oil Co., Inc.	James W. Lee, No. 1
337	LAFR04	FRANKLIN	Roy L. Fisher	B.W. Marston, No. 1
338	LAOU02	OUACHITA	The California Co.	Brown Paper Mill, No. 1
339	LACD03	CADDO	Frank J. Hall	Wappler, No. 1
340	MSHI01	HINDS	J.V. Canterberry	J.R. Ball, No. 1
341	MSHI02	HINDS	David Crow	H.R. Bryant, No. 1
342	LARI01	RICHLAND	Humble Oil & Refining Co.	A.N. Brown, No. 1
343	TXVZ02	VAN ZANDT	Jarrell Garonzik	Clara McLaughlin, No. 1
344	ALMA04	MARENGO	Phillips Petroleum Co.	Cogle "A", No. 1
345	MSCK01	CLARKE	C.L. Higginson et al.	Long-Bell Petroleum Co., No. 1
346	MSRA01	RANKIN	Carter Oil Co.	Nelson Estate, No. 1
347	MSRA02	RANKIN	Leonard Jones	Bullock, No. 1
348	TXHE02	HENDERSON	Magnolia Oil Co.	L.W. Hearne, No. 7
349	MSWR02	WARREN	Union Prod. Co.	C.J. Harlen, No. 1
350	LAMA02	MADISON	Sohio Petroleum Co.	Etheridge, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
351	TXSM01	SMITH	Humble Oil & Refining Co.	Tyler Oil Unit No. 2, No. 1
352	ALMA03	MARENGO	Hutchings Trust Co.	Mary Wadlington Co., No. 1
353	LACA01	CALDWELL	Southern Carbon Co.	Howard, No. 1
354	MSJS01	JASPER	Kern County Land Co.-Monterey	Harvey Gilmore, No. 1
355	MSSM01	SMITH	Arkansas Fuel Oil Corp.	Paul D. Thompson, No. 1
356	LAFR03	FRANKLIN	Sohio Petroleum Co.	Ayer Timber Co., No. B-2
357	LACA03	CALDWELL	Caroline Hunt Sands	Olin Mathieson Chem. Corp., No. 1
358	LAJA02	JACKSON	Hodge Hunt Lumber Co.	Continental Can, No. 5
359	LACD04	CADDO	Jones-O'Brien, Inc.	R.A. Varner, No. 1
360	TXRU02	RUSK	Continental Oil Co.	Frank Lewis, No. 1
361	MSJS02	JASPER	Skelly Oil Co.	J.J. Evans, No. 1
362	MSHI04	HINDS	Olin Oil & Gas Corp.	Walter Wolfe, No. 1
363	LATS01	TENSAS	C.H. Osmond	Hogue Bros., No. 1
364	LAFR02	FRANKLIN	British American Oil Prod. Co.	G.N. King, No. 1
365	LAJA04	JACKSON	Brown Paper Mill Co.	Fee, No. 3
366	LAJA03	JACKSON	M.R. Young	Olin, No. 19
367	LABI02	BIENVILLE	H.C. Cummings et al.	W.E. Conger, No. 1
368	LARR01	RED RIVER	T.J. Johnson	L.L. Golsen, No. 1
369	LADS01	DE SOTO	H.C. Owens	L.C. Dickson, No. 1
370	ALCH03	CHOCTAW	H.L. Hunt	Robert Land, No. 1
371	MSCL01	CLAIBORNE	Danciger Oil & Refining Co.	Clyde Taylor, No. 1
372	TXPA02	PANOLA	J.C. Trahan Drlg. Cont., Inc.	Werner-Johnson, No. 1
373	MSCK02	CLARKE	Walter Sistrunk	J.E. Toney, No. 1
374	MSSI01	SIMPSON	Union Producing Co.	Gaylord Corp., No. 1
375	LACA02	CALDWELL	Sohio Petroleum Co.	La Salle Land Co., No. C-1
376	TXPA01	PANOLA	Atlantic Richfield Co.	J.T. Bruster, No. 4
377	TXRU01	RUSK	Great Expectation	Alexander, No. 1
378	TXHE01	HENDERSON	W.B. Hinton	J.L. Evans, No. 1
379	ALCH02	CHOCTAW	Souco Associates	Ruffin, No. 1
380	MSSI02	SIMPSON	Jett Drilling Co.	T.G. Cox, No. 1
381	MSCP03	COPIAH	Curtiss Kinard	Frank Smith, No. 1
382	LATS02	TENSAS	Humble Oil & Refining Co.	V.A. Anderson, No. 6
383	TXCK01	CHEROKEE	L.W. Dennis	Ivey, No. 1
384	ALCL02	CLARKE	C.C. Murray, Jr.	W.D. Harrigan, No. 2
385	ALCL01	CLARKE	Belden & Blake	White 36-7, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
386	MSSM02	SMITH	Woodley Petroleum Co.	Womack-Butler Unit, No. 1
387	MSCP01	COPIAH	Arkansas Fuel Oil Co.	J.H. Carraway, No. 1
388	LAFR01	FRANKLIN	Shell Oil Co.	Anderson, No. 1
389	TXAD01	ANDERSON	Humble Oil & Refining Co.	Maggie Follis, No. 1
390	MSJO03	JONES	Union Sulphur Co.	Earline Parker, No. 1
391	MSSM03	SMITH	Texasco, Inc.	M.K. Pridgen, No. 1
392	LAWI02	WINN	Miles & Cameron	La. Pacific, No. 1
393	LANA01	NATCHITOCHES	Placid Oil Co.	Edenborn Inc., No. A-2
394	TXRU03	RUSK	Richardson	Alexander, No. 1
395	MSWY04	WAYNE	Walter E. Sistrunk	John I. West, No. 1
396	MSJE07	JEFFERSON	William Helis	Dockery-Carpenter, No. 1
397	LATS05	TENSAS	Atlantic Refining Co.	E.R. McDonald, Jr., No. 1
398	LAWI01	WINN	Sinclair Oil & Gas Co. et al.	Louisiana Nebo, No. 1
399	LADS02	DE SOTO	W. Nabors	Edwards, No. 1
400	LADS03	DE SOTO	Mallard Drilling Corp.	Olin Unit, No. Q-1
401	TXNV01	NAVARRO	Baldrige & Clayton	R.D. Fleming, No. 1
402	MSCP02	COPIAH	Sinclair-Wyoming Oil Co.	Johnson, No. 1
403	LATS03	TENSAS	Calto Oil Co.	Kelly Engle, No. 1
404	LACT03	CATAHOULA	Shell Oil Co.	La. Central Minerals, No. A-1
405	LALA02	LA SALLE	Placid Oil Co.	Urania Lumber Co., No. E-7
406	LARR02	RED RIVER	Nelson et al.	William Prince, No. A-2
407	TXRU04	RUSK	Gulf Oil Corp.	W.F. Ross, No. 1
408	TXFS02	FREESTONE	Humble Oil & Refining Co.	C.J. Cartwright, No. 1
409	ALCL04	CLARKE	Sunnyland Contracting Co.	V.D. Commack, No. 1
410	ALCL03	CLARKE	Danciger Oil & Refining Co.	John F. York, No. 1
411	ALWA01	WASHINGTON	Continental Limited	Alvin Guy, No. 1
412	MSJO04	JONES	Gulf Refining Co.	Flynt, No. 1
413	MSCV01	COVINGTON	Frankfort Oil Co.	Graham, No. 1
414	MSJD03	JEFFERSON	Gulf Refining Co.	Wigington, No. 1
415	MSCP04	COPIAH	Cities Service Oil Co.	Sanders, No. A-1
416	MSJE05	JEFFERSON	Union Oil Co. of California	J.S. Wagner, No. 1
417	TXSH01	SHELBY	Humble Oil & Refining Co.	Arthur Thornton, No. 1
418	MSWY02	WAYNE	Gen. Amer. Oil Co. & Durbin Bond & Co.	Fed. Land Bank of New Orleans, No. 1
419	MSJO05	JONES	Sinclair-Wyoming	Wausau Southern Lbr. Co., No. 1
420	MSLW01	LAWRENCE	Continental Oil Co.	Caylord Container Corp., No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
421	MSJE01	JEFFERSON	Humble Oil & Refining Co.	T.J. McGarry, No. 1
422	LATS04	TENSAS	D.A. Biglane	Learned, No. A-1
423	LACT01	CATAHOULA	Austral Oil Expl. & Crescent Prod. Co.	Tensas Delta, No. A-1
424	TXSH02	SHELBY	Hunt Oil Co.	G.F. Bright, No. 1
425	ALWA02	WASHINGTON	Plymouth Oil Co.	Hunter-Benn Investment Co., No. 1
426	MSWY03	WAYNE	Pan American Petroleum Corp.	U.S.A.-G.M. & O. Land Co., No. 1
427	TXAD03	ANDERSON	John A. Messenger et al.	M.A. Davey Jr. Unit A, No. 1
428	MSJE06	JEFFERSON	Tidewater Assoc. Oil Co.	B.F. Buile, No. 1
429	LACO01	CONCORDIA	Royal Petroleum Corp.	Canebrake, No. 1
430	TXCK02	CHEROKEE	C & G Oil Co.	King, No. 1
431	MSJO02	JONES	A.H. & C.L. Rowan	S.R. Jefcoat, No. 1
432	MSJE03	JEFFERSON	Victor P. Smith and H. Best Oil Co.	Groome, No. 1
433	ALMN01	MONROE	Sterrett B. Procter	J.F. Dusenberry, No. 1
434	ALWA03	WASHINGTON	Humble Oil & Refining Co.	J.R. Williams, No. 1
435	MSWY01	WAYNE	The California Co.	Board of Suoervisors, No. 1
436	MSCV02	COVINGTON	Cities Service Oil Co.	R. Aultman, No. 1
437	MSJD01	JEFFERSON DAVIS	Humble Oil & Refining Co.	Williams & Sons, No. 1
438	MSLI01	LINCOLN	The California Co.	W.L. Case, No. 1
439	MSJE04	JEFFERSON	D.C. Latimer & Sunnlyland Drlg. Co.	Fleming et al., No. 1
440	MSJE02	JEFFERSON	The Ohio Oil Co.	Hardtimes Plantation, No. 1
441	LAGR03	GRANT	H.L. Hunt	Goodpine, No. F-1
442	LAGR04	GRANT	W.O. Woodward, Jr.	Edenborn, No. 1
443	LANA02	NATCHITOCHES	Varbregas Inc.	Lester, No. 1
444	LANA03	NATCHITOCHES	Carter Oil Co.	La. Long Leaf Lbr. Co., No. F-1
445	TXNA01	NACOGDOCHES	H.K. Messer & D.C. Bintliff	W.B. Bates, No. 1
446	MSJO01	JONES	Humble Oil & Refining Co.	F.O. Fox, No. 1
447	MSLI02	LINCOLN	Humble Oil & Refining Co.	Willard Nations, No. 1
448	LALA03	LA SALLE	Placid Oil Co.	Nebo Oil Co., No. F-129
449	LASA01	SABINE	W. & M. Drlg. & Prod. Co.	L.R. Wiley, No. 1
450	LASA02	SABINE	Major Oil Co.	Longbell Lbr. Co., No. A-2
451	TXAD02	ANDERSON	John B. Coffee	T.C. Lassiter, No. 1
452	TXFS03	FREESTONE	George Shryock	M.S. Clark, No. 1
453	ALCL05	CLARKE	Sun Oil Co.	Minnie Perine, No. 1
454	ALWA04	WASHINGTON	Pan American Petroleum Corp.	White Smith Land Co., No. 1
455	LACO02	CONCORDIA	H.L. Hunt et al.	Fisher Lbr. Co., No. 18

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
456	LACT02	CATAHOULA	C.H. Lyons	O.A. Hargis, No. 1
457	TXCK03	CHEROKEE	B.A. Skipper	M.E. McClure, No. 1
458	TXFS01	FREESTONE	B.G. Byars & R.L. Peveto	W.E. Riley, No. 1
459	MSFO02	FORREST	Humble Oil & Refining Co.	J.S. Harrison et al., No. 1
460	MSAD01	ADAMS	Humble Oil & Refining Co.	Richmond, Inc., No. 1
461	MSPE04	PERRY	Gulf Refining Co.	Stevens, No. 1
462	MSFO03	FORREST	H.H. Duck & J. Willis Hughes	C.O. Herchenhahn, No. 1
463	MSJD02	JEFFERSON DAVIS	Shell Oil Co.	Newman Lumber Co. et al., No. 1
464	TXNA02	NACOGDOCHES	Sohio Petroleum Co.	A.D. Woods, No. 1
465	MSGN01	GREENE	Shell Oil Co.	Lucas et al., No. 1
466	MSLM03	LAMAR	Honolulu Oil Corp.	Newman Lbr. Co., No. 1
467	MSFR01	FRANKLIN	Cane Corp. & Donald Caldwell	Caldwell-Whittington, No. 1
468	MSFR02	FRANKLIN	Allied Producing Co. & Harry Hurt, Inc.	McGehee, No. 1
469	LANA04	NATCHITOCHES	The Texas Co.	L.E. Rachal, No. 1
470	TXSB01	SABINE	Humble Oil & Refining Co.	H.M. Polley, No. 1
471	ALCL06	CLARKE	Phillips Petroleum Co.	Scottie "A", No. 1
472	ALWA05	WASHINGTON	Central Oil Co.-Baranet Perry et al.	Stallworth Naval Stores Co., No. 1
473	MSGN03	GREENE	Don Reese et al.	I.R. Anderson, No. 2
474	MSLI03	LINCOLN	Amoco Production Co.	John Patrick Ard 24-10, No. 1
475	LALA01	LA SALLE	Hunt Oil Co.	Humble-Tensas Delta, No. D-1
476	LAGR01	GRANT	E.F. Neely	Q. McAdams, No. 1
477	LAGR02	GRANT	Texaco, Inc.	Joe Shorter, No. 1
478	LASA03	SABINE	Smackover Prod. Co. & Frank Scheller	E.E. Messhell, No. 1
479	TXHS02	HOUSTON	Coats Drig. Co.	Sally Star McGee, No. 1
480	ALBL01	BALDWIN	Hamilton-Armour	H. Howard Patterson et al., No. 1
481	TXHS01	HOUSTON	Humble Oil & Refining Co.	Shepherd, No. 1
482	ALES01	ESCAMBIA	Seaboard Oil Co.	Alger Sullivan Lbr. Co., No. 1
483	ALWA06	WASHINGTON	Turner & Hickox, Inc.	Foster 10-6, No. 1
484	MSPE03	PERRY	Gulf Oil Corp. & Seaboard Oil Co.	J.W. Lott et al., No. 1
485	MSPE02	PERRY	Jones O'Brien, Inc.	L.C. Cox, No. 1
486	MSAM04	AMITE	Larue-Smith Production Co.	F.D. Hewitt, No. 1
487	MSAM05	AMITE	Hugh Horn	Nancy Powell et al., No. 1
488	MSWI02	WILKINSON	Pan American Corp.	Crosby Foster Creek, No. 1
489	MSWI03	WILKINSON	American Republics Corp.	Crosby Lumber Co., No. 2
490	LACO05	CONCORDIA	Stanolind Oil & Gas Co.	B.E. Quinn, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
491	LARA01	RAPIDES	W.T. Burton	Bentley Lbr. Co., No. 1
492	MSLM01	LAMAR	The Texas Co.	J.F. Morrow, No. 1
493	MSWA01	WALTHALL	Humble Oil & Refining Co.	P.H. Enochs, No. B-1
494	MSAM01	AMITE	Gulf Refining Co.	J.A. Rowland et al., No. A-2
495	LACO03	CONCORDIA	Atlantic Refining Co.	Wilkinson, No. 1
496	LACO04	CONCORDIA	Carter Oil Co.	R.B. Sharp, No. 1
497	LASA04	SABINE	Bray Drilling Co.	Wyatt Lumber Co., No. 1
498	TXSA01	SAN AUGUSTINE	Carter Jones Drlg. Co.	Long Bell Petroleum Co., No. 1
499	FLES01	ESCAMBIA	D. Thomason	John Hare, No. 1
500	ALMB02	MOBILE	Justiss-Mears Oil Co.	William Andry, Jr., No. 1
501	ALMB01	MOBILE	Jett Drilling Co., Inc.	M.L. Moorer, No. A-1
502	LAHV01	AVOYELLES	Placid Oil Co.	Dupuy, No. 1
503	TXSB03	SABINE	J.R. & J.P. Goldsmith	Southern Pine Lumber, No. 1
504	TXAG01	ANGELINA	J.R. Meeker et al.	John Massingill, No. 1
505	TXTR02	TRINITY	Geler-Jackson, Inc.	Houston County Timber Co., No. 1
506	TXHS03	HOUSTON	Humble Oil & Refining Co.	C.W. Legory, No. 1
507	TXLM01	LIMESTONE	Mesa Petroleum Co.	F.D. Connell, No. 1
508	ALBL02	BALDWIN	Union Producing Co.	Ben May, No. 1
509	MSFO01	FORREST	Seaboard Oil Co.	Mrs. Alexander Currie, No. 1
510	MSMR01	MARION	Seaboard Oil Co.	F.E. Sellers et al., No. 1
511	LARA04	RAPIDES	Caroline Hunt Sands	C. Keller, No. 1
512	LAVN01	VERNON	Magnolia Petroleum Co.	Pickering Lbr. Co., No. 1
513	TXLN01	LEON	Sun Oil Co.	M. Colie, No. 1
514	MSGN02	GREENE	Getty Oil Co.	M.L. Davis Estate 25-10, No. 1
515	MSPI01	PIKE	Humble Oil & Refining Co.	Bill Fortenberry, No. 1
516	LACO06	CONCORDIA	Radzevicz et al.	Lee, No. 1
517	LARA02	RAPIDES	Beard Oil Co.	BLM 26-5, No. 1
518	TXSB02	SABINE	Coline Oil Co.	Temple Lumber, No. 1
519	MSLM02	LAMAR	Gulf Refining Co.	W.J. Howard, No. 1
520	MSWA02	WALTHALL	Cities Service Oil Co.	Magee, No. B-1
521	FLES02	ESCAMBIA	Shell Oil Co. et al.	Schneider, No. 1
522	MSGE01	GEORGE	Sunnyland Contracting Co.	U.S.A., No. 1
523	MSPE01	PERRY	Continental Oil Co.	Board of Supervisors, No. 1
524	LAWA02	WASHINGTON	Humble Oil & Refining Co.	Gaylord Container Corp., No. F-1
525	MSAM03	AMITE	Oliver-Stewart	C.M. Gallent, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
526	MSWI01	WILKINSON	Melrose Stock Farm	Water-supply well, No. T-1
527	LAVN02	VERNON	Humble Oil & Refining Co.	Anderson Post Lbr. Co., No. 1
528	TXLN02	LEON	Delta Drilg. Co.	Moore, No. 1
529	MSGE02	GEORGE	Hassie Hunt Trust	H.C. McLain, No. 1
530	MSAM02	AMITE	Humble Oil & Refining Co.	P.P. Wilson, No. 1
531	MSWI05	WILKINSON	Justiss Mears Oil Co. & D. C. Latimer	Carol Davis, No. 1
532	LAUV03	AVOYELLES	The Hunter Co., Inc & Justiss Mears	L.W. Coco, No. 1
533	TXRO02	ROBERTSON	Dalport Oil Corp. et al.	Stash Okonski, No. 1
534	LARA05	RAPIDES	Moran Oil Co.	Meeker, No. 1
535	TXLN03	LEON	Albert Plummer	Lula Henry, No. 1
536	LASH02	ST HELENA	Amerada Petroleum Corp.	Needham, No. 1
537	LAEF01	EAST FELICIANA	Nicklos Oil & Gas Co.	Frank Norwood, No. 1
538	LAVN05	VERNON	W.T. Burton	Fee, No. 2
539	TXNE01	NEWTON	C.C. Moore	Godfrey & Brown, No. 1
540	TXNE02	NEWTON	Pan American Petroleum Corp.	Lutcher Moore Lumber Co., No. 1
541	TXTR01	TRINITY	Humble Oil & Refining Co.	Thompson Bros. Mineral Corp., No. 2
542	ALBL03	BALDWIN	Humble Oil & Refining Co.	Richard P. Baer II et al., No. 1
543	ALMB03	MOBILE	Gulf Coast Drilling & Exploration, Inc.	School Land, No. 1
544	MSPR01	PEARL RIVER	Cities Service Oil Co.	Stone "A", No. 1
545	LAWA03	WASHINGTON	Sid W. Richardson	L.S.U., No. 1
546	LAWA01	WASHINGTON	La Grange Petroleum Co.	Tom Shedd, No. 1
547	LAWF02	WEST FELICIANA	B.B. Orr	Percy, No. 1
548	LAUV02	AVOYELLES	Chevron Oil Co.	Sterling C. Bain et al., No. 1
549	TXJS01	JASPER	Humble Oil & Refining Co.	Mills et al., No. 1
550	ALBL04	BALDWIN	Exxon Co., U.S.A.	U.S. Steel Unit 7-6, No. 1
551	MSGE03	GEORGE	The Ohio Oil Co.	L.N. Dantzler, No. 1
552	LAWA05	WASHINGTON	David Davidson et al.	Davidson Adams, No. 1
553	LARA03	RAPIDES	Richardson & Bass (La. Acct.)	Crowell Land & Mineral Corp., No. 1
554	LAVN03	VERNON	Pan American Petroleum Corp.	Lutcher-Moore, No. 1
555	TXPO03	POLK	American Liberty Oil Co. et al.	Cameron Hiers, No. 1
556	TXRO01	ROBERTSON	Tri-Mark Oil	Anderson, No. 1
557	MSST01	STONE	Lion Oil Co.	Dantzler, No. 1
558	LATA01	TANGIPAHOA	North American Oil Corp. & Aztec Oil Co.	Hulon Simmons, No. 1
559	LASH01	ST HELENA	Texas Pacific Coal & Oil Co.	W.E. Day, No. 1
560	LAWF01	WEST FELICIANA	Superior Oil Co.	Robertta S. Towles, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
561	TXNE03	NEWTON	Pan American Petroleum Corp.	E.W. Brown Jr. "A", No. 1
562	MSST02	STONE	Phillips Petroleum Co.	Dantzler Lumber Co., No. A-1
563	LAWA04	WASHINGTON	N.B. Hunt Trust	Johnson, No. 1
564	LAWF03	WEST FELICIANA	O.W. Killiam	Johnson, No. 1
565	LAAY04	AVOUELLES	Pano Tech Exploration Corp.	Martin Lumber Co., No. 1
566	LAVN04	VERNON	Sunray Oil Corp.	Fletcher Est., No. 1
567	MSJA05	JACKSON	Langdon S. Anderson	E.H. Bacot et al., No. 1
568	LASH03	ST HELENA	Shell Oil Co.	Robertson, No. 1
569	LAEF02	EAST FELICIANA	Phillips Petroleum Co.	Jones "AA", No. 1
570	TXJS02	JASPER	Bradshaw & Eidman	Yeates, No. 1
571	TXWA01	WALKER	Standard Oil Co. of Texas	Doyle F. McAdams, No. 1
572	LATA02	TANGIPAHOA	Amerada Petroleum Corp.	Lake Superior Piling Co., No. 1
573	LAEV02	EVANGELINE	Shell Oil Co.	Forman, No. 1
574	LAAL03	ALLEN	Continental Oil Co.	Industrial Lumber Co., No. A-1
575	LABE07	BEAUREGARD	Humble Oil & Refining Co.	Quatre Parish Co., No. 1A
576	LABE03	BEAUREGARD	Pinelands Petroleum Co.	Pinelands-Edwards, No. 1
577	TXTY01	TYLER	Pan American Petroleum Corp.	Long Bell, No. 1
578	MSJA01	JACKSON	Humble Oil & Refining Co.	L.N. Dantzler Lbr. Co., No. B-1
579	LAEV01	EVANGELINE	C.H. Lawrence	Forest Lumber Co., No. 1
580	LAAL04	ALLEN	Humble Oil & Refining Co.	Industrial Lumber Co., No. 17A
581	TXBZ03	BRAZOS	Michel T. Halbouty et al.	Allen & Clay, No. 1
582	ALBL05	BALDWIN	A.R. Temple	Fairhope Single Tax Corp., No. 1
583	ALMB04	MOBILE	Tom Daly	Fort et al., No. 1
584	MSHR02	HARRISON	Hassie Hunt Trust	Southern Mineral Corp., No. 2
585	LASH04	ST HELENA	Bates & Cornell	A. Claudet Plantation, No. 1
586	LAPC01	POINTE COUPEE	Amoco Production Co.	J.M. Hess et al., No. 1
587	TXNE04	NEWTON	Southwest Gas Prod.	A.J. Davis, No. 1
588	FLES03	ESCAMBIA	Commonwealth Oil & Perdido Land Co.	Marcus Lischkoff et al., No. 1
589	TXTY02	TYLER	Humble Oil & Refining Co.	C.A. Howell, No. 1
590	TXSJ01	SAN JACINTO	Humble Oil & Refining Co.	Ben Ogletree, No. 1
591	MSHR03	HARRISON	Chesley Preut Drlg. Co. & H.A. Smith et al.	Brown & Loper & Sons, No. 1
592	MSPR02	PEARL RIVER	Roeser & Pendleton	R.J. Williams, No. 1
593	LAST05	ST TAMMANY	B.M. Hester	Bogalusa Tung Oil Co., Inc., No. 1
594	LAPC02	POINTE COUPEE	Getty Oil Co.	Robert Berthier, No. 1
595	LASL01	ST LANDRY	Sohio Petroleum Co.	Thistlethwaite Lumber Co., No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
596	LABE02	BEAUREGARD	Getty Oil Co.	H.C. Lee et al. 26-1, No. 1
597	LABE01	BEAUREGARD	Russell Maguire	Crawford, No. 1
598	TXPO01	POLK	Justiss-Mears Oil Co.	W.T. Carter & Brothers, No. C-1
599	TXGR03	GRIMES	J.H. Woodard Jr.	Fannie Upchurch, No. 1
600	MSJA03	JACKSON	Thiokol Chemical Corp.	Waste-disposal well, No. 1
601	LAST06	ST TAMMANY	The Ray Oil Co.	Leshok, No. 1
602	LALI01	LIVINGSTON	Shell Oil Co.	H. E. Caraway, No. 1
603	LAEV03	EVANGELINE	Magnolia Petroleum Co.	Brunet Granger, No. 1
604	XTY03	TYLER	Gulf Oil Corp.	Carter-Camden, No. 1
605	ALBL06	BALDWIN	A.R. Temple	Walsh-Ehle, No. 1
606	ALMB05	MOBILE	Gulf Refining Co.	State of Alabama, No. D-1
607	MSJA02	JACKSON	Chesley Pruett Drilling Co.	William C. Quinn, No. 1
608	MSHA01	HANCOCK	Cities Service Oil Co.	Hancock Bank "A", No. 1
609	LAEB01	EAST BATON ROUGE	Shell Oil Co.	D.A. Tranchina, No. 1
610	LAWB01	WEST BATON ROUGE	Chevron U.S.A., Inc.	F.E. Farwell, No. 2
611	TXWA02	WALKER	Marr & Moran	Gibbs, No. 3
612	LASL03	ST LANDRY	Southern Natural Gas Co. & Trend Exploration	N.S. Penick Heirs, No. 1
613	LAAL02	ALLEN	Humble Oil & Refining Co.	J.A. Bel, No. B-1
614	TXPO02	POLK	Woodley Petroleum Co.	J.E. Edmonds, No. 1
615	TXBZ01	BRAZOS	Michael A. Salvato et al.	C.S. Beckwith, No. 1
616	LAST02	ST TAMMANY	Cities Service Petroleum Co.	Poittevant et al., No. 1
617	LALI04	LIVINGSTON	Chevron U.S.A., Inc.	Crown Zellerbach et al., No. 7-1
618	LAPC03	POINTE COUPEE	Magnolia Petroleum Co.	Jerry K. Nicholson, No. 1
619	LAAL01	ALLEN	Daniel Oil Co.	Bel Estate, No. 1
620	TXNE05	NEWTON	Atlantic Refining Co.	Kirby Lumber, No. 1
621	TXMI01	MILAM	Phillips Petroleum Co.	Fitzgerald, No. 1
622	TXGR01	GRIMES	Humble Oil & Refining Co.	George Sealy, No. 1
623	MSHR01	HARRISON	E.I. Dupont De Nemours & Co., Inc.	Lester Earnest, No. 1
624	LAST03	ST TAMMANY	James C. Storm	Equitable Equipment Co., No. 1
625	LAST04	ST TAMMANY	Town of Madisonville	Water-supply well, No. 3
626	LASL04	ST LANDRY	Tidewater Assoc. Oil Co.	Wordy Guillory, No. 1
627	LAEV04	EVANGELINE	The Texas Co.	Valin Vidrine, No. 1
628	LAST01	ST TAMMANY	Sun Oil Co.	Poittevant Favre Lbr. Co., No. 1
629	LATA03	TANGIPAHOA	Mobil Oil Corp.	Williams, Inc., No. 1
630	LALI05	LIVINGSTON	Stanolind Oil & Gas Co.	Hammond Lbr. Co., No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
631	LASL02	ST LANDRY	Olin Oil & Gas Corp.	Mrs. C. Castille, No. 1
632	MSJA04	JACKSON	C.A. Floto	State of Mississippi, No. 1
633	LAEB02	EAST BATON ROUGE	Forest Oil Corp.	John P. Burgin, No. 1
634	TXJS03	JASPER	Ada Oil Co.	Richardson, No. 1
635	TXPO04	POLK	Shell Oil Co.	Bailey, No. 1
636	TXBU01	BURLESON	Burkoski & Perry	Gade, No. 1
637	TXMY01	MONTGOMERY	Phillips Petroleum Co.	Coke "A", No. 1
638	TXBZ02	BRAZOS	The Texas Co.	Orlando, No. 1
639	LAIB03	IBERVILLE	The Aluminum Co. of America	S.P. Schwing, No. 1
640	LABE06	BEAUREGARD	H.L. Hunt	Edgewood Land & Logging Co., No. 1
641	TXHA02	HARDIN	Pan American Production Co.	Sternenberg, No. B-1
642	TXSJ02	SAN JACINTO	Amerada Petroleum Co.	Foster Lbr. Co., No. A-1
643	TXMY02	MONTGOMERY	Moran Corp.	Browder, No. 1
644	LAST08	ST TAMMANY	Union Oil Co. of California	SL 7183, No. 1
645	LAIB02	IBERVILLE	Humble Oil & Refining Co.	Jeanerette Lbr. & Shingle Co., No. 2
646	LAAC01	ACADIA	Sid Richardson Carbon Co.	Louise Ortego Reed et al., No. 1
647	LABE05	BEAUREGARD	The Texas Co.	Edgewood Land & Logging Co., No. 1
648	LABE04	BEAUREGARD	Southwest Gas Prod. Co. et al.	W.H. Nichols, No. 1
649	LAAN01	ASCENSION	Republic Natural Gas Co.	Natalbany Lumber Co., No. 2
650	TXLE01	LEE	Standard Oil Co. of Texas	Biggers, No. 1
651	TXGR02	GRIMES	Atlantic Refining Co.	E.R. Sanders, No. 1
652	LASB01	ST BERNARD	Shell Oil Co.	SL 3748, No. 1
653	LAST07	ST TAMMANY	Chevron U.S.A., Inc.	Morton Q. Petersen, No. 2
654	LALI02	LIVINGSTON	Humble Oil & Refining Co.	SL 1865, No. 2
655	LALI03	LIVINGSTON	Humble Oil & Refining Co.	Garyville Land Co., Inc., No. B-1
656	LAJD02	JEFFERSON DAVIS	H.L. Hunt	W.E. Walker, No. 1
657	LAJD04	JEFFERSON DAVIS	Zeta Exploration Inc.	Carl Hoppe, No. 1
658	TXHA01	HARDIN	Mobil Oil Corp.	Arco Fee Block "D" Hardin Co., No. 1
659	TXLI01	LIBERTY	Brazos Oil & Gas	Ballard, No. 1
660	TXBU02	BURLESON	Dugger & Herring et al.	J.E. Weller, No. 1
661	LAAC03	ACADIA	Humble Oil & Refining Co.	North Crowley Gas Unit 23, No. 1
662	LACU01	CALCASIEU	Stanolind Oil & Gas Co.	Powell Lbr. Co., No. 1
663	TXBA03	BASTROP	William J. Dick Jr.	Della Kimball et al., No. 1
664	LAIB01	IBERVILLE	Union Prod. Co.	Schwing Wilberts, No. 1
665	LAJD01	JEFFERSON DAVIS	C.H. Lawrence & Texas Eastern Trans. Corp.	Nelson H. Thomas, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
666	TXJS04	JASPER	Phillips Petroleum Co.	Vidor, No. 1
667	TXMY03	MONTGOMERY	Humble Oil & Refining Co.	Grand Lake Gas Unit No. 1, No. 1
668	LALF01	LAFAYETTE	Richardson & Bass (LA. Account)	Carmelite A. Stutes, No. 1
669	LACU04	CALCASIEU	Mobil Oil Corp.	SL 6089, No. 1
670	TXLI03	LIBERTY	Humble Oil & Refining Co.	B.E. Quinn, No. B-1
671	TXWS01	WASHINGTON	R.J. Whelan	Solomon, No. 1
672	LAOR01	ORLEANS	Atlantic Refining Co.	Lake Pontchartrain, No. B-1
673	LASN02	ST MARTIN	Aluminum Co. of America	P. Barras, No. 1
674	TXMY04	MONTGOMERY	Superior Oil Corp.	McWhorter, No. B-1
675	LJF01	JEFFERSON	Atlantic Refining Co.	Lake Ponchartrain Unit 3, No. C-1
676	TXWS02	WASHINGTON	Shell Oil Co.	C.W. Jackson, No. 1
677	TXWL01	WALLER	Shell Oil Co.	G.A. Chapman, No. 1
678	LASC01	ST CHARLES	The California Co.	U.S.A., No. 3
679	LAAS01	ASSUMPTION	Superior Oil Co.	Dugas-Leblanc, No. 1
680	LJJD03	JEFFERSON DAVIS	The California Co.	Otis Aguillard, No. 1
681	LACU02	CALCASIEU	Magnolia Petroleum Co.	Clemence Klumpp, No. 1
682	LACU03	CALCASIEU	The California Co.	C.O. Noble et al.3, No. 1
683	TXBA01	BASTROP	Cabell & Wright	Charles Caldwell, No. 1
684	LASB02	ST BERNARD	Shell Oil Co.	SL 1280, No. 1
685	LASJ01	ST JAMES	Olin Oil & Gas Corp.	Olin Corp.--Southdown Sugars, No. 1
686	LAIA01	IBERIA	Austral Oil Co.	N.W. Bauer, No. 1
687	LAAC02	ACADIA	Tidewater et al.	C.J. Guidry, No. 1
688	TXOR02	ORANGE	Anderson & Bowman	Lutcher-Moore Lumber Co., No. 1
689	TXLI05	LIBERTY	Sun Oil Co.	Stone, No. 1
690	TXLI04	LIBERTY	General Crude Oil Co.	Brauer, No. 1
691	TXBA04	BASTROP	Shamrock Oil & Gas Co. & Seaboard Oil Co.	Bertha Artmann, No. 1
692	TXWL02	WALLER	Sinclair Oil & Gas Co.	R.C. McDade, No. 1
693	LAIA02	IBERIA	Austral Oil Exploration Co.	Annas Prioux, No. 1
694	LAVE01	VERMILION	Cities Service Oil Co.	Baudoin, No. A-1
695	LASB04	ST BERNARD	Shell Oil Co.	SL 4281, No. 1
696	LAVE06	VERMILION	Texaco, Inc.	C.L. Huntsberry, No. 1
697	TXOR01	ORANGE	John W. Mecom	E.W. Brown, No. 2
698	TXFY02	FAYETTE	W.J. Rasmick	Kraskosky, No. 1
699	LAAS02	ASSUMPTION	Humble Oil & Refining Co.	SL 1723, No. 1
700	LACN04	CAMERON	The California Co.	R.A. Moore, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
701	TXAU01	AUSTIN	Pure Oil Co.	Stepan, No. 1
702	TXHR02	HARRIS	Texaco, Inc.	M.M. Mergele, No. 1
703	LAPL01	PLAQUEMINES	Mecom Petroleum	Delacroix Corp., No. 1
704	LASN01	ST MARTIN	Shell Oil Co.	Williams, Inc., No. A-1
705	LACN01	CAMERON	Shell Oil Co.	SL 3460, No. 2
706	TXBA02	BASTROP	Walter E. Brown & Travis Drillers, Inc.	Fred P. Hilbig, No. 1
707	TXHR03	HARRIS	Meredith & Co. et al.	R. Stephens Ross et al., No. 1
708	TXAU02	AUSTIN	Humble Oil & Refining Co.	Sherrod, No. Y-16
709	LASC02	ST CHARLES	The California Co.	W.R. Timkens, No. 1
710	TXHR04	HARRIS	Woodward Co.	Annie Pechanec, No. 1
711	TXFY04	FAYETTE	O.C. Garvey	Antoine Meyer et al., No. 1
712	L72701	OFFSHORE	Gulf Oil Corp.	SL 4567, No. 1
713	LALR01	LAFOURCHE	Pan American Petroleum Co.	SL 2374, No. 2
714	LASM04	ST MARY	Austral Oil Co.	Sterling Sugars, Inc., No. 1
715	LACN08	CAMERON	Texaco, Inc. & A.C. Glassel, Jr.	Emily G. Comegys, No. 14
716	LACN05	CAMERON	Humble Oil & Refining Co.	Calcasieu Lake State, No. 1
717	TXJE01	JEFFERSON	Prudential	F. Smith, No. 1
718	TXLI02	LIBERTY	Humble Oil & Refining Co.	Robertson McDonald Lumber Co., No. 1
719	TXWL03	WALLER	Michael T. Halbouty	John W. Harris et al., No. 1
720	LAPL03	PLAQUEMINES	Richardson & Bass (La. Acct.)	Tex. Co.-Delacroix Corp. Unit 1, No.1
721	LASC03	ST CHARLES	F.A. Callery, Inc.	Delta Securities Co., No. A-1
722	LALR08	LAFOURCHE	Humble Oil & Refining Co.	C.J. Adams et al. Pooled Unit, No. 1
723	LAI04	IBERIA	Cities Service Production Co.	SL 2903, No. 2
724	LACN07	CAMERON	Austral Oil Co., Inc.	Miami Corp. "5910", No. 1
725	TXCH03	CHAMBERS	Michael T. Halbouty	Earl Wilburn, No. 1
726	L72501	OFFSHORE	Phillips Petroleum Co.	SL 2191, No. 1
727	LASB03	ST BERNARD	Continental-O'Meara-Hellis	SL 1828, No. 1
728	LAVE02	VERMILION	Phillips Petroleum Co.	Louisiana Furs, No. B-1
729	LACN03	CAMERON	Magnolia Petroleum Co.	Lutcher, No. A-4
730	TXCO01	COLORADO	Sinclair Prairie Oil Co.	T. Gordon, No. 1
731	TXHR01	HARRIS	Pan American Petroleum Corp.	Houston Unit, No. 1
732	LASM03	ST MARY	The Texas Co.	State-Coteblanche Island, No. 26
733	LAVE03	VERMILION	Shell Oil Co.	SL 3636, No. 1
734	TXCH02	CHAMBERS	Belco Petroleum Corp.	Crawford 159, No. 1
735	TXCA01	CALDWELL	Rock Hill Oil Co. et al.	Ray T. Hay, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
736	TXAU03	AUSTIN	The Texas Co.	Kollatschny, No. 1
737	TXFY01	FAYETTE	Amerada Petroleum	Brown, No. 1
738	LALR02	LAFOURCHE	The California Co.	W.A. Jones et al. Lease 2, No. 1
739	LALR04	LAFOURCHE	Tidewater Assoc. Oil & Forest Oil Co.	Delta Securities, No. 1
740	LASM01	ST MARY	Warren Petroleum Co.	Finklestein, No. 2
741	LACN02	CAMERON	Pan American Petroleum Corp.	SL 2966, No. 1
742	TXCH01	CHAMBERS	Pan American Petroleum Corp.	C.A. Kieke, No. 1
743	TXWL04	WALLER	J.P. Owen	John H. England et al., No. 1
744	LAPL02	PLAQUEMINES	Humble Oil & Refining Co.	LL & E, No. N-11
745	LATE02	TERREBONNE	Fish Northwest Constructors, Inc.	P.R. Norman et al., No. 1
746	LACN09	CAMERON	Union Producing Co.	Rockefeller SL 2340, No. 6
747	TXFY03	FAYETTE	C.B. Hazel & Henry F. Burrow Jr.	Ehler, No. 1
748	TXCO03	COLORADO	Carthay Land Co.	Leroy Stein, No. 1
749	L72401	OFFSHORE	Skelly Oil & Gas Co.	OCS-G-1647, Block 235, No. 1
750	LAPL05	PLAQUEMINES	The California Co.	SL 2122, No. 1
751	TXCO02	COLORADO	Warren Oil Corp.	Joe Hanak, No. 1
752	L72601	OFFSHORE	Phillips Petroleum Co.	SL 2749, No. 1
753	LATE01	TERREBONNE	Shell Oil Co.	Continental Land & Fur, No. B-3
754	LAIA03	IBERIA	Humble Oil & Refining Co.	SL 3499, No. 3
755	LAVE04	VERMILION	Sinclair Oil & Gas Co.	E.A. McIlhenny, No. 1
756	LAVE05	VERMILION	Humble Oil & Refining Co.	La. Furs, Inc. "F", No. 2
757	LACN06	CAMERON	Superior Oil Co.	BLM-OCS-0244, No. A-1
758	L70002	OFFSHORE	Amoco Production Co.	OCS-G-1993, Block 78, No. 1
759	TXGZ01	GONZALES	Neathery & DeLange	E.L. Walters, No. 1
760	TXAU04	AUSTIN	Southern Gas	F. Uhyrek, No. 1
761	TXFB01	FORT BEND	Enserch Exploration, Inc.	Foster Farms, No. 1
762	LALR03	LAFOURCHE	Humble Oil & Refining Co.	Delta Securities, No. 2
763	L70501	OFFSHORE	Humble Oil & Refining Co.	SL 3512, No. 1
764	TXFB02	FORT BEND	Hunt Oil Co.	Harlem State Prison Farm, No. 1
765	L72402	OFFSHORE	Amoco Production Co.	OCS-G-2208, Block 280
766	L72502	OFFSHORE	Mobil Oil Corp.	OCS-G-3193, Block 59, No. 1
767	LASM02	ST MARY	Humble Oil & Refining Co.	SL 3848, No. 1
768	T70801	OFFSHORE	Magnolia Petroleum Co.	SL 41142, No. A-1
769	TXGZ03	GONZALES	Quintana Petroleum Corp.	A. Schnabel, No. 1
770	LAPL07	PLAQUEMINES	Gulf Refining Co. & The California Co.	Grand Prairie Levee District, No. 2

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
771	LAPL04	PLAQUEMINES	Richardson & Bass (La. Acct.) et al.	E.C. Cockrell, SL 2028 & 1891, No. 1
772	L70903	OFFSHORE	Humble Oil & Refining Co.	SL 3519, Block 4, No. 1
773	L70701	OFFSHORE	Texaco, Inc.	Mound Point, SL 340, No. 4
774	L70303	OFFSHORE	Mobil-Pan American	OCS-G-1972, Block 33, No. 1
775	TXLV01	LAVACA	Seaboard Oil Co.	Emma Sebastian, No. 1
776	TXBR06	BRAZORIA	Humble Oil and Refining Co.	C.W. Massey, No. 1
777	LATE05	TERREBONNE	Sinclair Oil & Gas Co.	Harry Bourg, No. 1
778	TXLV02	LAVACA	Horriggan & Fohs	Martisak, No. 1
779	TXCO04	COLORADO	Shell Oil Co.	Kyle Est., No. 1
780	LAPL06	PLAQUEMINES	David S. Thayer	J.E. Festerling, No. 3
781	LALR06	LAFOURCHE	Amoco Production Co.	SL 6051, No. 1
782	LALR05	LAFOURCHE	Texaco, Inc.	Lafourche Realty Co., No. 2
783	TXGU01	GUADALUPE	Allen Burr	W.J. Blanks Est., No. 1
784	TXGA01	GALVESTON	Cities Service Petroleum Co.	Stewart, No. B-2
785	TXWH03	WHARTON	Getty Oil Co.	East Beard, No. 1
786	LATE07	TERREBONNE	Cons. Gas Supply Corp. & Amer. Petrofina	LL & E, No. 1
787	LATE08	TERREBONNE	Texaco, Inc.	M.A. Smythe Nelson & LL & E, No. 3
788	LAPL09	PLAQUEMINES	Gulf Refining Co.	J.C. Henderson et al., No. 4
789	LATE04	TERREBONNE	The Texas Co.	Barre, No. 28-1
790	L71104	OFFSHORE	American Natural Gas Production Co.	SL 7606, No. 1
791	TXWN04	WILSON	R.L. Turner	Alex Forshage, Sr. Core test, No. 1
792	TXLV04	LAVACA	Pure Oil Co.	E.E. Kolar, No. 1
793	TXWH04	WHARTON	Norris Oil Co.	Myra Pryor Estate, No. 1
794	L70902	OFFSHORE	Magnolia Petroleum Corp.	SL 843, No. B-1
795	L70503	OFFSHORE	Superior Oil Co.	OCS-0249, No. 3
796	L70302	OFFSHORE	Union Oil Co. of California	OCS-G-1475, Block T6, No. 1
797	TXGZ04	GONZALES	Producers Corp. of Nevada	J.T. Anderson, No. 1
798	T70804	OFFSHORE	Standard Oil Co. of Texas	Federal Block 105, No. 1
799	TXLV03	LAVACA	Magnolia Petroleum Co.	Theo Long, No. 1
800	TXBR03	BRAZORIA	Phillips Petroleum Co.	Houston Fm., No. M-2
801	L72301	OFFSHORE	Texaco, Inc.	OCS-G-1611, Block 66, No. 1
802	L72101	OFFSHORE	The Texas Co.	SL 2474, No. 14
803	L70001	OFFSHORE	Continental Oil Co.	OCS 0764, Block 201, No. 1
804	TXGZ02	GONZALES	Tenneco Oil Co.	Frank Ullman, No. 1
805	LAPL10	PLAQUEMINES	The Texas Co.	State Garden Island, No. 118

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
806	L71901	OFFSHORE	Continental Oil Co.	SL 971, No. A-1
807	LATE06	TERRERONNE	Chevron Oil Co.	LL & E 47, No. 1
808	L70703	OFFSHORE	Kerr-McGee Corp.	OCS-G-2303, Block 257, No. 1
809	TXBR01	BRAZORIA	Tidewater Assoc. Oil Co.	Ramsey Prison Farm, No. 1
810	TXWH02	WHARTON	Texas Gulf Sulphur Co., Inc.	W.T. Taylor Oil Well, No. 2
811	LALR07	LAFOURCHE	Gulf Refining Co.	SL 1772, No. 26
812	TXAT02	ATASCOSA	Gilcrease Oil Co. et al.	F.T. Henderson, No. 1
813	L70101	OFFSHORE	Forest Oil Corp.	OCS-G-0914, Block 305, No. 1
814	TXWN01	WILSON	W.R. Quin et al.	A.C. Oefinger, No. 3
815	T70802	OFFSHORE	Shell Oil & Phillips Petroleum Cos.	Federal Block 160, No. 3
816	L72103	OFFSHORE	Shell Oil Co.	SL 2666, No. 1
817	LAPL08	PLAQUEMINES	The California Co. & Shell Oil Co.	U.S.A. et al. Unit 4, No. 1
818	L71701	OFFSHORE	Continental Oil Co.	OCS-G-1052, Block 33, No. 2
819	L71501	OFFSHORE	Sinclair Oil & Gas et al.	SL 2490, No. 1
820	LATE03	TERRERONNE	The Texas Co.	Unit 17, No. 2
821	L71101	OFFSHORE	Stanolind Oil & Gas Co.	SL 747, No. B-1
822	TXLV05	LAVACA	Shell Oil Co.	William Borchers, No. 3
823	L71503	OFFSHORE	British American Oil Producing Co.	SL 4237, No. 1
824	TXDW01	DE WITT	Shell Oil Co.	W.H. Carroll, No. 1
825	TXBR05	BRAZORIA	Phillips Petroleum	State Tract 51000, No. 1
826	L72102	OFFSHORE	The California Co.	SL 2553, No. 1
827	L71902	OFFSHORE	Continental Oil Co.	OCS 0182, SL 1534, Block 70, No. 1
828	L71502	OFFSHORE	Block 27 Associates Limited	SL 1425, No. A-1
829	L71301	OFFSHORE	Exxon Co., U.S.A.	OCS-G-3791, Block 5, No. 1
830	TXFO02	FRIO	Gillespie, Rossman, & White	Ward, No. 1
831	TXWH01	WHARTON	F.S. Pratt	Fleer, No. 1
832	L72104	OFFSHORE	Gulf Oil Corp.	OCS-G-2177, Block 49, No. 1
833	L71102	OFFSHORE	Magnolia Petroleum Co.	SL 763, No. D-1
834	TXDW04	DE WITT	Atlantic Refining Co.	Eliza J. Smith Unit, No. 1
835	T70604	OFFSHORE	Texaco, Inc.	OCS-G-1759, Federal Block 210, No. 1
836	TXZV03	ZAVALA	Wilcox Oil & Gas	T.J. Gilliam, No. 5
837	TXWN02	WILSON	Frank J. Gravis et al.	J.H. McDaniel, No. 1
838	TXDW03	DE WITT	J.S. Abercrombie	T. Williams, No. 1
839	TXDW02	DE WITT	Lone Star Producing Co.	Felix Hiller, No. 1
840	TXBR04	BRAZORIA	Tenneco Oil Co.	American Fletcher, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
841	TXJA01	JACKSON	H.H. Howell et al.	Ben N. Good, No. 1
842	TXBR02	BRAZORIA	Pan American Petroleum Corp.	B.R.L.D. Co., No. A-1
843	TXZV02	ZAVALA	Humble Oil & Refining Co.	Ike Pryor Est., No. 1
844	TXMG05	MATAGORDA	Sun Oil Co.	Braman, No. D-1
845	TXAT01	ATASCOSA	Humble Oil & Refining Co.	Joseph Courand, No. B-1
846	TXDW05	DE WITT	W.H. Hunt Trust Estate	Matilde Osterloh, No. 1
847	TXVI01	VICTORIA	Mrs. James R. Dougherty	Murphy, No. 1
848	L72201	OFFSHORE	Shell Oil Corp.	OCS-G-1616, Block 87, No. 1
849	L70904	OFFSHORE	Humble Oil & Refining Co.	OCS-G-2132, No. 1
850	L70502	OFFSHORE	Gulf Refining Co.	OCS-0452, Block 180, No. A-1
851	TXWN03	WILSON	O.G. McClain	S.V. Houston, No. 1
852	T70601	OFFSHORE	Humble Oil & Refining Co.	State Tract 278, No. 1
853	L70702	OFFSHORE	The British American Oil Production Co.	OCS-G-1189, Block 29, No. 1
854	TXAT03	ATASCOSA	Security Drilling Co. & Glen Martin	L.L. Ermis, No. 1
855	T70602	OFFSHORE	Shell Oil Co.	Federal Block 288, (OCS 0709), No. 1
856	TXMG03	MATAGORDA	Sun Oil Co.	Clara Junek, No. 1
857	TXMG04	MATAGORDA	Mobil Oil Co.	Ethel Cornelius, No. 15
858	L72001	OFFSHORE	Chevron Oil Co.	OCS-G-2171, Block 143, No. 1
859	L71505	OFFSHORE	Gulf Oil Corp.	OCS-G-0456, Block 131, No. 3
860	L70301	OFFSHORE	Shell Oil Co.	OCS-G-0950, Block 187, No. 4
861	TXFO01	FRIO	O.W. Killam	W.W. McKinley, No. 1
862	L70102	OFFSHORE	Humble Oil & Refining Co.	OCS-G-0926, Block 386, No. 1
863	TXKA01	KARNES	General Crude Oil Co.	Tipps, No. 1
864	L71103	OFFSHORE	Continental Oil Co.	OCS-0815, Block 144, No. 1
865	L70901	OFFSHORE	Sinclair Oil & Gas Co.	OCS-0439, Block 190, No. 4
866	TXJA02	JACKSON	C.C. Gilger	Deunow, No. 1
867	TXKA02	KARNES	Glen A. Martin & H.H. Howell	L.L. Reasoner, No. 1
868	TXGO01	GOLIAD	Chevron Oil Co.	R.G. Jacobs, No. 1
869	L71504	OFFSHORE	Southern Natural Gas Co.	OCS-G-1246, Block 145, No. 1
870	TXZV01	ZAVALA	Humble Oil & Refining Co.	Marrs McLean, No. 1
871	TXVI03	VICTORIA	Gulf Oil Corp.	Keeran, No. 63
872	TXMG02	MATAGORDA	Magnolia Petroleum Co.	W.W. Rugeley, No. 1
873	T71001	OFFSHORE	Texaco, Inc.	OCS-G-1850, Fed. Block A-227, No. 3
874	T70803	OFFSHORE	Shell Oil Co. & Continental Oil Co.	OCS-0637, Block A-104, No. 1
875	T70401	OFFSHORE	Shell Oil Co.	State Tract 367-L SE, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
876	TXDI01	DIMIT	Holland Oil Co. et al.	W.S. Meyers Est., No. 1
877	TXLS01	LA SALLE	W.J. Steeger et al.	Joe T. McMillan, No. 1
878	TXMM01	MC MULLEN	Kirkwood & Morgan	H.D. & Sam Countiss, No. 1
879	TXMG01	MATAGORDA	Pan American Petroleum Corp.	Silver Lake Ranch, No. 1
880	TXLS03	LA SALLE	C.C. Winn	Macel Wilson, No. 1
881	TXBE02	BEE	Shell Oil Co.	Alvin L. O'Neal, No. 1
882	TXVI02	VICTORIA	Mrs. James R. Dougherty	Marbach, No. 1
883	L71603	OFFSHORE	Texaco, Inc.	OCS-G-1047, Block 228, No. 2
884	TXGO02	GOLIAD	Mobil Oil Co.	Nev, No. 1
885	TXCL01	CALHOUN	Coastal States Gas Prod. Co.	Duncan, No. 1
886	L70601	OFFSHORE	Humble Oil & Refining Co.	OCS-G-1935, Block 265, No. 5
887	L70605	OFFSHORE	Sun Oil Co	OCS-G-1802, Federal Block 427, No. 1
888	L70403	OFFSHORE	Humble Oil & Refining Co.	Gulf of Mexico Large Tract 439, No. 1
889	L71601	OFFSHORE	Phillips Petroleum Co.	OCS-G-1272, Block 219, No. 1
890	L71201	OFFSHORE	Kerr McGee Corp.	OCS-G-1032, Block 256, No. 1
891	L71202	OFFSHORE	Consolidated Gas	OCS-G-1027, Block 246, No. A-1
892	L71001	OFFSHORE	Forest et al.	OCS-0991, Block 284, No. 1
893	L70802	OFFSHORE	Atlantic Richfield Co.	OCS-G-3775, Block 105, No. 1
894	TXLO01	LIVE OAK	Seaboard Oil Co.	Gibbens, No. 1
895	TXBE01	BEE	Atlantic Richfield	C.O. Dougherty, No. 1
896	L70603	OFFSHORE	Continental Oil Co.	OCS-0738, Block A-40, No. 1
897	L70401	OFFSHORE	Shell Oil Co.	OCS-G-0973, Block 265, No. 1
898	L70402	OFFSHORE	Shell Oil Co.	State Tract 446L SE, No. 1
899	L70201	OFFSHORE	Amoco Production Co.	OCS-G-2007, Block 513, No. A-1
900	TXCL02	CALHOUN	Walter Van Norman	Lasalle Ranch, No. 1
901	TXLO02	LIVE OAK	Continental Oil Co.	Alvina McKinney, No. 1
902	TXBE03	BEE	Pure Oil Co.	O'Brien-Harkins "B", No. 1
903	TXDI03	DIMIT	Sutton Drilling Co.	Bill George, No. 1
904	TXDI02	DIMIT	Armstrong & Horn	H.A. Dillon, No. 2
905	TXLS04	LA SALLE	Sutton Production Co.	Buckholt, No. 1
906	TXMM02	MC MULLEN	Texam Oil Corp.	Hays Ezzell, No. 1
907	T70302	OFFSHORE	Shell Oil Co. & Humble Oil & Refining Co.	State Tract 520-L NW, No. 1
908	T70405	OFFSHORE	Texaco, Inc.	Federal Block 541, OCSG 1733, No. 1
909	T71102	OFFSHORE	Burmah Oil & Gas Co. et al.	OCS-G-2730, No. 2
910	T70901	OFFSHORE	Amoco Oil Corp.	OCS-G-2364, No. 3

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
911	TXRE01	REFUGIO	Union Producing Co.	O'Brien, No. A-1
912	L70801	OFFSHORE	Phillips Petroleum Co.	OCS-G-2285, Block 153, No. 3
913	L70602	OFFSHORE	Amoco Production Co.	OCS-G-2092, Block 349, No. 2
914	TXMM03	MC MULLEN	Russell Maguire	Holland Ranch, No. 1
915	T70902	OFFSHORE	Phillips Petroleum Co. et al.	OCS-G-2370, No. 1
916	TXAR02	ARANSAS	Union Producing Co.	Tatton, No. 10
917	L71602	OFFSHORE	Texaco, Inc.	OCS-G-2154, Block 314, No. 2
918	L71002	OFFSHORE	Chevron U.S.A., Inc.	OCS-G-2323, Block 360, No. 4
919	TXLS02	LA SALLE	Security Drilling Co.	A. Martin, No. 1
920	TXMM04	MC MULLEN	Phillips Petroleum Co.	Nueces "A", No. 1
921	L71203	OFFSHORE	Texaco, Inc.	OCS-G-2147, Block 343, No. 2
922	TXLO03	LIVE OAK	Standard Oil Co. of Texas	Mrs. Clay West, Burns, No. 1
923	TXAR03	ARANSAS	Western Natural Gas Co.	St. Charles, No. 9
924	L70402	OFFSHORE	Atlantic Richfield Co.	OCS-G-3389, Block 340, No. 2
925	T70404	OFFSHORE	Humble Oil & Refining Co.	OCS-G-1739 (Block 579), No. 1
926	L70202	OFFSHORE	Amoco Production Co.	OCS-G-2231, Block 605, No. 2
927	TXMM05	MC MULLEN	Argo Oil Corp.	Mary DeArman, No. 1
928	TXSP01	SAN PATRICIO	Union Oil Co. of California	Stanley Fry, No. 1
929	T70701	OFFSHORE	Phillips Petroleum Co. et al.	OCS-G-2345, Block A-152, No. 1
930	TXWE01	WEBB	Sutton Producing Co.	Rachal "B", No. 1
931	TXAR01	ARANSAS	Atlantic Refining Co.	V.G. Gwynn, No. 1
932	T70301	OFFSHORE	Mobil Oil Corp.	SL No. 57491, Block 625-L, No. 1
933	T70303	OFFSHORE	Shell Oil Co., Offshore Division	OCS-G-3087, No. 1
934	TXWE06	WEBB	Mayfair Minerals, Inc.	R.J. Martin, No. 1
935	TXSP02	SAN PATRICIO	Transcontinental Production Co.	Ewing, No. 2
936	TXWE05	WEBB	Flournoy Prod. Co. & Weaver & Sharp	John G. Adami, No. 1
937	T71101	OFFSHORE	Hamilton Brothers Oil Co.	OCS-G-2433, No. 3
938	T70501	OFFSHORE	Sun Oil Co.	OCS-G-1753, (Block A-84), No. 1
939	T70903	OFFSHORE	Pennzoil Co.	OCS-G-2388, No. 2
940	TXSP03	SAN PATRICIO	Tenneco Oil Co.	M.C. Campbell, No. 1
941	T70904	OFFSHORE	Mobil Oil Corp.	OCS-G-2393, Block A-573, No. 3
942	TXNU01	NUECES	Kirkpatrick Oil & Gas Co. & Natol Petroleum	Annie Polacek Regmund, No. 1
943	T70702	OFFSHORE	Texaco, Inc.	OCS-G-2676, No. 1
944	TXDU02	DUVAL	Shell Oil Co.	L.C. Weatherby "A", No. 1
945	TXWE02	WEBB	Lamar Hunt	S. Benavides, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log sequence number	Log number	County	Company	Well name
946	TXWE04	WEBB	Hunt Oil Co.	J.O. Walker, No. 1
947	T70202	OFFSHORE	Atlantic Refining Co.	OCS-0501, Tr. 726, No. 1
948	TXJW01	JIM WELLS	Associated Oil & Gas et al.	D.H. Lopez, No. 1
949	TXDU01	DUVAL	Harrell Drilling Co. et al.	A. Lopez, No. 1
950	TXNU02	NUECES	Socony Mobil Oil Co., Inc. et al.	E.R. Russell, No. 1
951	TXNU03	NUECES	Cities Service	State Tract 773, No. 1
952	T70203	OFFSHORE	Union Oil Co. of California	State Tract 775-L (No. 57748), No. 1
953	TXWE03	WEBB	Humble Oil & Refining Co.	Carlos Y. Benavides, No. 1
954	TXWE08	WEBB	Pauley Petroleum Co., Inc.	A.Z. Laurel, Fee, No. 1
955	TXDU03	DUVAL	Synura Corp.	A. Parr, No. E-2
956	TXDU04	DUVAL	W.L. Cotton et al.	Shaffer, No. 1
957	TXJW02	JIM WELLS	Sun Oil Co.	P. Canales, No. 117
958	TXKL02	KLEBERG	Lone Star Producing Co.	Bessie H. Mull, No. 1
959	TXKL01	KLEBERG	Humble Oil & Refining Co.	Laguna Madre State Tract 197, No. 1
960	TXWE07	WEBB	Good Hope Refineries, Inc.	Bruni Ranch, No. 5
961	T70201	OFFSHORE	Mobil Oil Co.	State Tract 859L, No. 1
962	T70204	OFFSHORE	Superior Oil Co.	OCS-G-3047, No. 1
963	TXJH01	JIM HOGG	Atlantic Richfield Co.	Marrs McLean "C", No. 3
964	TXBK02	BROOKS	Ginther, Warren & Co. & Gulf Oil Corp.	John C. Miller et al., No. 1
965	TXKE04	KENEDY	Humble Oil & Refining Co.	H.F. McGill, No. 1
966	TXKE05	KENEDY	Pan American Petroleum Corp.	John G. Kenedy, Jr., No. 1
967	TX2P01	ZAPATA	Gulf Oil Corp.	I.G. DeTrevino, No. 1
968	TX2P02	ZAPATA	Gulf Oil Corp.	A. Ramirez, No. 1
969	TXKE03	KENEDY	Humble Oil & Refining Co.	Mrs. S.K. East, No. 22
970	TXBK01	BROOKS	Humble Oil & Refining Co.	B.A. Skipper Jr., No. 11
971	TXJH02	JIM HOGG	Sun Oil Co.	A.C. Jones, No. 46
972	TXKE02	KENEDY	Humble Oil & Refining Co.	Mrs. S.K. East "G", No. 1
973	TXST01	STARR	Humble Oil & Refining Co.	D. Olivarez, No. 1
974	TXST03	STARR	Sun Oil Co.	H.P. Guerra, No. A-1
975	TXKE01	KENEDY	Gulf Oil Corp.	State Tract No. 427, No. 1
976	TXST02	STARR	Austral Oil Co. & Tidewater Oil Co.	Jennie V. Sanchez, No. 1
977	TXHI02	HIDALGO	Magnolia Petroleum Co.	Grace Doughty, No. 1
978	TXWI02	WILLACY	Texaco, Inc.	Yturria Land & Livestock, No. A-10
979	T70001	OFFSHORE	Cities Service Oil Co.	State Tract 1027L, No. 1
980	T70003	OFFSHORE	Superior Oil Co.	OCS-G-2979, No. 1

Table 3.--Log number and well location, company, and name, by log sequence number--Continued

Log se- quence number	Log number	County	Company	Well name
981	TXHI01	HIDALGO	Coastal States Gas Prod. Co. & Greenbriar, LTD	Servo C. Castillo, No. 1
982	T70002	OFFSHORE	Transocean Oil, Inc.	State Tract 1086-L, NW/4, No. 1
983	TXWI01	WILLACY	Pan American Petro. Corp.	Marie C.N. De Armendaiz, No. 1
984	TXCM02	CAMERON	Stanolind Oil & Gas Co. & Texaco, Inc.	Lena Boden and C.A. Johnson, No. 1
985	TXHI03	HIDALGO	Tenneco Oil Co.	Pharr Fieldwide Unit, No. 21
986	TXCM01	CAMERON	Chevron Oil Co.	Jose A. Rodriguez, No. 1
987	TXHI04	HIDALGO	Shell Oil Co.	W.H. Drawe, No. 1
988	T70004	OFFSHORE	Superior Oil Co.	OCS-G-2982, No. 1
989	TXCM03	CAMERON	Atlantic Richfield Co.	State Tract 12275, No. 1

Explanation of data in table 4:

Log number--An alphanumeric system that uses the two-letter State abbreviation followed by a two-letter county (parish) abbreviation followed by a two-digit sequential number. For example, the second well numbered in Baldwin County, Alabama, would be ALBL02. Offshore numbers are composed of the single letter initial of the State and a three-digit API (American Petroleum Institute) number followed by a two-digit sequential number.

Layer number--Sequential number of layer, beginning with lowermost aquifer and numbering aquifers upward (1-11), then lowermost confining unit and numbering confining units upward (12-17).

Altitude of top--Altitude of top of a given layer in feet, relative to sea level.

Thickness--Total thickness of given layer in feet.

Sand percentage--Percentage of the total thickness of sand in a given layer.

Average dissolved solids--Average dissolved-solids concentration in water in a given layer as calculated from data obtained from geophysical well logs.

Average temperature--Average temperature of water in a given layer as determined by temperature-gradient and bottom-hole temperature data.

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number.

[Average dissolved-solids concentration in water in thousands of milligrams per liter; average water temperature in degrees Celsius]

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ALBL01	2	-2525	230	90	<10	39
	3	-990	1535	10	--	33
	5	-415	575	25	<10	26
	7	105	460	--	--	--
	8	277	172	--	--	20
	12	-2755	685	0	--	--
	15	-355	60	0	--	--
ALBL02	3	-1573	1410	9	17	36
	5	-993	580	26	<10	29
	7	-166	687	17	<10	24
	8	127	293	41	<10	21
	12	-2983	1225	0	--	--
	15	-853	140	0	--	--
ALBL03	2	-3832	216	42	30	48
	3	-2281	1551	10	32	42
	5	-1598	683	26	17	34
	7	-408	970	30	--	27
	8	12	420	27	--	22
	12	-4048	835	0	--	--
	15	-1378	220	0	--	--
ALBL04	3	-2242	1667	9	62	39
	5	-1505	737	--	--	--
	7	-244	1055	50	<10	26
	8	175	419	40	<10	22
	12	-3909	820	0	--	--
	15	-1299	206	0	--	--
ALBL05	3	-2623	1680	14	47	41
	5	-2263	360	--	--	--
	7	-683	1400	26	--	29
	8	-93	590	83	--	24
	9	77	170	--	--	21
	12	-4303	870	0	--	--
	15	-2083	180	0	--	--
ALBL06	3	-2796	520	36	--	43
	5	-2461	335	--	--	--
	7	-781	1495	5	<10	32
	8	-136	645	62	<10	24
	9	54	190	--	--	21
	12	-3316	1755	1	--	--
	15	-2276	185	0	--	--
ALCH01	2	-206	260	36	<10	20
	3	262	468	--	--	17
	12	-466	430	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ALCH02	2	-420	235	51	<10	22
	3	193	613	--	<10	19
	12	-655	705	0	--	--
ALCH03	2	-1609	335	67	<10	32
	3	-339	1270	22	<10	25
	4	-69	270	54	<10	19
	5	131	175	--	<10	16
	6	220	39	--	--	15
	12	-1944	780	8	--	--
	13	-44	25	0	--	--
	14	181	50	--	--	--
ALCL01	2	-1672	310	34	<10	33
	3	-322	1350	20	<10	27
	4	-122	200	--	--	21
	5	78	175	--	--	20
	12	-1982	690	0	--	--
	13	-97	25	--	--	--
	14	117	39	--	--	--
ALCL02	2	-961	270	56	<10	28
	3	-316	645	34	<10	24
	4	-116	200	--	--	21
	5	44	130	--	--	20
	6	224	150	--	--	18
	12	-1231	610	0	--	--
	13	-86	30	0	--	--
	14	74	30	--	--	--
ALCL03	15	264	40	--	--	--
	2	-385	235	28	<10	23
	3	189	574	21	<10	20
	12	-620	660	0	--	--
ALCL04	2	-1250	360	69	<10	32
	3	-580	670	15	<10	27
	4	-345	235	89	<10	23
	5	-130	175	40	<10	21
	6	160	250	--	--	19
	12	-1610	610	0	--	--
	13	-305	40	0	--	--
	14	-90	40	--	--	--
	15	199	39	--	--	--
ALCL05	2	-2031	270	32	13	34
	3	-961	1070	13	--	30
	4	-896	65	62	<10	26
	5	-291	400	80	--	23
	7	28	264	--	--	--
	12	-2301	640	0	--	--
	13	-691	205	7	--	--
	15	-236	55	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ALCL06	2	-2168	200	70	30	34
	3	-813	1355	13	49	29
	5	-373	440	64	<10	24
	7	13	306	47	--	21
	12	-2368	725	0	--	--
	15	-293	80	0	--	--
ALES01	2	-2713	235	40	<10	39
	3	-1113	1600	7	--	33
	5	-568	545	8	<10	25
	7	2	470	34	--	20
	8	251	249	66	--	18
	12	-2948	745	0	--	--
	15	-468	100	0	--	--
ALMA01	12	180	392	--	--	--
ALMA02	2	187	210	84	<10	--
	3	279	92	--	--	--
	12	-23	345	0	--	--
ALMA03	2	-88	260	67	<10	19
	3	170	258	--	--	17
	12	-348	690	0	--	--
ALMA04	2	171	250	42	<10	--
	3	249	78	--	--	--
	12	-79	580	0	--	--
ALMB01	2	-3316	295	53	39	43
	3	-1376	1940	17	--	36
	5	-976	400	--	--	--
	7	-126	750	--	--	24
	8	263	389	--	--	20
	12	-3611	805	0	--	--
	15	-876	100	--	--	--
ALMB02	2	-4503	255	67	--	52
	3	-1853	2650	31	37	42
	5	-1293	560	--	--	--
	7	-333	685	37	<10	25
	8	37	370	95	<10	21
	12	-4758	870	0	--	--
	15	-1018	275	18	--	--
ALMB03	2	-4001	295	39	28	50
	3	-2764	1237	9	19	44
	4	-2536	228	60	51	39
	5	-1856	533	18	25	35
	7	-376	1270	62	<10	28
	8	154	530	52	--	21
	9	233	79	--	--	19
	12	-4296	950	0	--	--
	13	-2389	147	0	--	--
	15	-1646	210	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
ALMB04	2	-4535	240	58	--	--
	3	-3245	1290	4	--	--
	5	-2690	180	--	--	--
	7	-1015	1490	24	--	--
	8	-160	855	33	--	--
	9	90	250	--	--	--
	12	-4775	930	0	--	--
	13	-2870	375	0	--	--
	15	-2505	185	0	--	--
ALMB05	3	-3170	442	21	--	44
	5	-2895	275	--	--	--
	7	-1170	1555	14	55	34
	8	-220	950	20	--	25
	9	0	220	--	--	21
	12	-3612	1998	2	--	--
	15	-2725	170	0	--	--
ALMN01	2	-1239	205	99	<10	30
	3	-634	605	10	--	27
	4	-559	75	43	<10	23
	5	26	460	--	--	20
	7	364	288	--	--	16
	12	-1444	950	19	--	--
	13	-434	125	0	--	--
	15	76	50	--	--	--
ALSU01	12	164	309	--	--	--
ALSU02	12	133	232	--	--	--
ALWA01	2	-2230	270	54	<10	34
	3	-840	1390	13	<10	29
	4	-645	195	46	<10	24
	5	-420	190	55	<10	22
	6	-70	270	69	<10	20
	7	266	261	66	--	18
	12	-2500	850	0	--	--
	13	-610	35	0	--	--
	14	-340	80	0	--	--
	15	5	75	0	--	--
ALWA02	2	-2730	240	54	56	37
	3	-1275	1455	20	<10	31
	4	-1085	190	32	<10	26
	5	-800	235	57	<10	25
	6	-545	200	74	<10	23
	7	144	289	--	--	19
	12	-2970	825	0	--	--
	13	-1035	50	0	--	--
	14	-745	55	0	--	--
	15	-145	400	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ALWA03	2	-2522	295	27	70	42
	3	-1047	1475	19	29	34
	4	-847	200	57	11	27
	5	-647	150	37	<10	25
	6	-367	210	52	<10	22
	7	272	549	46	--	18
	12	-2817	700	0	--	--
	13	-797	50	0	--	--
	14	-577	70	0	--	--
	15	-277	90	0	--	--
ALWA04	2	-2707	245	43	12	44
	3	-957	1750	12	--	35
	4	-792	165	67	<10	26
	5	-452	260	44	<10	23
	6	-242	160	75	<10	21
	7	120	302	30	<10	18
	12	-2952	820	0	--	--
	13	-712	80	0	--	--
	14	-402	50	0	--	--
	15	-182	60	0	--	--
ALWA05	2	-3106	475	38	45	40
	3	-1191	1915	15	40	33
	5	-731	460	--	--	25
	7	-61	600	--	--	21
	8	228	289	--	--	18
	12	-3581	915	0	--	--
	15	-661	70	--	--	--
ALWA06	2	-3279	240	92	--	41
	3	-1539	1740	10	--	35
	5	-819	720	--	--	--
	7	-49	700	34	<10	22
	8	270	319	35	--	18
	12	-3519	850	0	--	--
	15	-749	70	0	--	--
ARAR01	2	-2632	230	99	<10	38
	3	-1942	690	76	<10	34
	4	-1694	248	99	<10	31
	5	-347	815	96	<10	23
	6	-72	235	--	--	19
	11	168	158	--	--	17
	12	-2862	1130	0	--	--
	13	-1162	532	8	--	--
	14	-307	40	0	--	--
	15	10	82	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARAR02	2	-2100	160	34	--	35
	3	-1560	540	48	<10	32
	4	-1260	300	99	<10	28
	5	-340	405	99	<10	21
	6	-50	110	99	<10	17
	11	200	115	--	--	15
	12	-2260	830	0	--	--
	13	-745	515	0	--	--
	14	-160	180	17	--	--
	15	85	135	0	--	--
ARAR03	2	-2372	145	99	--	--
	3	-1702	670	40	--	--
	4	-1422	280	99	--	--
	5	-372	415	82	--	--
	6	-102	235	43	--	--
	11	183	135	--	--	--
	12	-2517	883	0	--	--
	13	-787	635	20	--	--
	14	-337	35	0	--	--
	15	48	150	--	--	--
ARAR04	2	-2303	310	44	--	--
	3	-1843	460	41	--	--
	4	-1523	320	83	--	--
	5	-423	420	90	--	--
	6	-153	220	20	--	--
	11	197	149	--	--	--
	12	-2613	915	0	--	--
	13	-843	680	12	--	--
	14	-373	50	0	--	--
	15	48	201	0	--	--
ARAR05	2	-1911	125	52	30	33
	3	-1521	390	23	--	31
	4	-1211	310	99	<10	28
	5	-346	652	81	<10	22
	6	105	321	97	<10	17
	11	209	104	--	--	15
	12	-2036	767	0	--	--
	13	-998	213	19	--	--
ARAS01	14	-216	130	0	--	--
	2	-2006	140	99	<10	41
	3	-1476	530	48	<10	38
	4	-1421	55	99	<10	35
	5	-326	735	78	<10	27
	6	-1	205	61	<10	21
	11	134	135	--	--	19
	12	-2146	540	0	--	--
	13	-1061	360	0	--	--
	14	-206	120	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARAS02	2	-2158	220	57	28	39
	3	-1828	330	47	--	36
	4	-1688	140	50	<10	35
	5	-423	690	83	<10	26
	6	-113	245	--	--	22
	12	-2378	600	0	--	--
	13	-1113	575	7	--	--
	14	-358	65	0	--	--
	15	177	290	--	--	--
ARAS03	2	-2135	100	99	11	46
	3	-1610	525	53	--	42
	4	-1485	125	99	<10	38
	5	-470	585	80	<10	29
	6	-35	310	58	<10	22
	11	103	91	--	--	19
	12	-2235	455	0	--	--
	13	-1055	430	0	--	--
	14	-345	125	0	--	--
	15	12	47	--	--	--
ARAS04	2	-2178	135	99	--	--
	3	-1653	525	21	--	--
	4	-1533	120	99	--	--
	5	-478	670	68	--	--
	6	-198	95	99	--	--
	11	125	73	--	--	--
	12	-2313	525	0	--	--
	13	-1148	385	23	--	--
	14	-293	185	0	--	--
	15	52	250	0	--	--
ARAS05	2	-1734	165	99	<10	41
	3	-1439	295	15	--	38
	4	-1384	55	99	<10	36
	5	-379	670	79	<10	28
	6	16	240	99	<10	21
	11	116	100	--	--	19
	12	-1899	645	0	--	--
	13	-1049	335	0	--	--
	14	-224	155	0	--	--
ARAS06	6	-60	--	--	--	--
	11	140	80	89	--	--
	15	60	120	29	--	--
ARBR01	2	-1785	115	99	--	--
	3	-1510	275	27	--	--
	4	-1370	140	99	--	--
	5	-460	615	66	--	--
	6	-10	295	96	--	--
	11	80	90	--	--	--
	12	-1900	380	0	--	--
	13	-1075	295	0	--	--
	14	-305	155	23	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
ARBR02	2	-1788	100	99	31	35
	3	-1378	410	26	--	32
	4	-1278	100	99	--	30
	5	-353	590	61	<10	24
	6	-33	175	99	<10	19
	12	-1888	575	0	--	--
	13	-943	335	0	--	--
	14	-208	145	10	--	--
	15	145	178	0	--	--
ARBR03	2	-1930	105	71	<10	35
	3	-1515	415	30	<10	33
	4	-1415	100	99	<10	30
	5	-115	840	78	<10	23
	6	195	205	--	--	17
	12	-2035	700	0	--	--
	13	-955	460	51	--	--
	14	-10	105	0	--	--
	15	238	43	--	--	--
ARCA01	2	-1395	20	50	--	31
	3	-1137	258	45	<10	30
	4	-1077	60	99	<10	29
	5	-177	380	87	<10	22
	6	116	183	83	<10	18
	12	-1415	562	0	--	--
	13	-557	520	0	--	--
	14	-67	110	32	--	--
ARCA02	2	-1225	20	50	--	31
	3	-890	335	37	<10	29
	4	-805	85	99	<10	27
	5	245	675	58	<10	20
	12	-1245	580	0	--	--
	13	-430	375	44	--	--
	14	285	40	--	--	--
ARCH01	2	-2059	360	47	<10	36
	3	-1724	335	31	<10	33
	4	-1559	165	91	<10	31
	5	-494	590	69	<10	25
	6	-164	160	99	<10	20
	11	120	154	--	--	18
	12	-2419	660	0	--	--
	13	-1084	475	17	--	--
	14	-324	170	0	--	--
	15	-34	130	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
ARCH02	2	-2302	300	75	<10	42
	3	-1877	425	18	<10	39
	4	-1707	170	99	<10	36
	5	-602	585	55	<10	26
	6	-220	222	--	--	21
	11	123	95	--	--	16
	12	-2602	665	0	--	--
	13	-1187	520	36	--	--
	14	-442	160	--	--	--
	15	28	248	--	--	--
ARCH03	4	-1546	--	--	--	--
	5	-431	737	84	--	--
	6	-128	173	90	--	--
	11	115	163	--	--	--
	13	-1168	378	5	--	--
	14	-301	130	15	--	--
	15	-48	80	0	--	--
ARCH04	2	-2008	290	67	37	41
	3	-1668	340	34	<10	38
	4	-1543	125	88	<10	35
	5	-468	685	67	--	26
	6	-148	140	63	<10	19
	11	105	93	--	--	16
	12	-2298	490	0	--	--
	13	-1153	390	6	--	--
	14	-288	180	11	--	--
	15	12	160	--	--	--
ARCH05	6	-232	--	--	--	--
	11	134	74	78	--	--
	15	60	292	20	--	--
ARCK01	12	229	21	--	--	--
ARCK02	2	-14	20	--	--	--
	3	176	190	--	--	--
	12	-34	245	0	--	--
ARCK03	2	45	20	50	--	18
	3	250	205	--	--	17
	12	25	300	0	--	--
ARCL01	1	-751	120	99	--	--
	2	-256	25	99	--	--
	3	-181	75	33	--	--
	4	218	399	--	--	--
	11	265	47	--	--	--
	12	-281	470	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARCL02	1	100	100	87	--	--
	11	372	171	93	--	--
	12	201	101	0	--	--
ARCM01	2	-1168	20	50	--	42
	3	-748	420	33	--	41
	4	-693	55	99	--	40
	5	127	470	87	<10	30
	6	307	30	--	--	--
	12	-1188	635	0	--	--
	13	-343	350	26	--	--
	14	277	150	0	--	--
ARCM02	2	-631	60	92	<10	25
	3	-436	195	46	<10	24
	4	-391	45	99	<10	23
	5	269	430	66	<10	19
	12	-691	585	0	--	--
	13	-161	230	17	--	--
ARCM03	2	-919	40	63	--	--
	3	-679	240	19	--	--
	4	-549	130	81	--	--
	5	166	470	70	--	--
	12	-959	610	0	--	--
	13	-304	245	10	--	--
	14	271	105	0	--	--
ARCR01	1	-920	105	99	--	--
	2	-135	180	78	--	--
	3	10	145	34	--	--
	4	350	340	--	--	--
	12	-315	605	0	--	--
ARCR02	1	-920	80	99	--	--
	2	-255	75	99	--	--
	3	-60	195	--	--	--
	4	270	330	--	--	--
	12	-330	590	0	--	--
ARCS01	2	-810	130	85	<10	31
	3	-655	155	26	--	28
	4	-180	475	99	<10	23
	5	15	195	99	<10	17
	11	210	160	--	--	14
	12	-940	720	0	--	--
	14	50	35	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
ARCS02	2	-945	140	99	<10	27
	3	-735	210	26	<10	25
	4	-355	380	99	<10	22
	5	-70	285	65	<10	19
	6	75	55	99	<10	16
	11	219	144	--	--	15
	12	-1085	820	0	--	--
	14	20	90	0	--	--
ARCS03	1	-2005	40	99	17	37
	2	-985	200	99	<10	27
	3	-810	175	31	--	26
	4	-270	540	99	--	22
	5	-40	230	61	--	18
	6	95	95	99	<10	16
	11	205	110	--	--	15
	12	-1185	820	0	--	--
ARCT01	14	0	40	0	--	--
	1	-2188	50	99	<10	33
	2	-1038	315	99	<10	26
	3	-778	260	52	<10	24
	4	-373	405	60	<10	22
	5	-43	330	91	<10	19
	6	112	100	--	--	17
	11	217	105	--	--	16
ARCT02	12	-1353	835	0	--	--
	14	12	55	0	--	--
	1	-2290	40	99	<10	37
	2	-1220	165	99	<10	28
	3	-900	320	45	<10	26
	4	-430	470	99	<10	23
	5	-180	250	78	<10	20
	6	110	235	--	--	18
ARCV01	11	210	100	--	--	16
	12	-1385	905	7	--	--
	14	-125	55	--	--	--
	2	-1491	125	52	--	--
	3	-1146	345	59	--	--
	4	-1021	125	99	--	--
	5	4	825	80	--	--
	6	174	30	--	--	--
	12	-1616	--	--	--	--
	13	-821	200	0	--	--
	14	144	140	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARCV02	2	-2155	165	58	22	39
	3	-1700	455	37	<10	36
	4	-1545	155	99	<10	32
	5	-285	740	82	<10	23
	6	100	220	80	<10	16
	12	-2320	850	0	--	--
	13	-1025	520	24	--	--
	14	-120	165	0	--	--
	15	240	140	--	--	--
ARCV03	2	-1810	35	99	<10	30
	3	-1405	405	41	<10	29
	4	-1300	105	99	<10	27
	5	-130	590	75	<10	21
	6	180	165	19	<10	17
	12	-1845	865	0	--	--
	13	-720	580	34	--	--
	14	15	145	0	--	--
	15	210	30	--	--	--
ARDA01	2	-430	20	50	--	24
	3	-155	275	71	<10	22
	4	-40	115	65	<10	20
	5	148	188	99	<10	18
	12	-450	445	0	--	--
ARDA02	2	-961	125	60	--	--
	3	-706	255	43	--	--
	4	-631	75	99	--	--
	5	109	495	87	--	--
	12	-1086	--	--	--	--
	13	-386	245	41	--	--
	14	329	220	0	--	--
ARDE01	2	-2747	195	56	28	46
	3	-2157	590	28	<10	42
	4	-1970	187	99	<10	38
	5	-442	855	67	<10	25
	6	-157	220	68	<10	19
	11	158	140	--	--	15
	12	-2942	1070	0	--	--
	13	-1297	673	25	--	--
	14	-377	65	0	--	--
	15	18	175	0	--	--
ARDE02	2	-2391	215	51	--	--
	3	-1911	480	17	--	--
	4	-1726	185	84	--	--
	5	-181	890	46	--	--
	6	19	150	--	--	--
	11	139	120	--	--	--
	12	-2606	1130	0	--	--
	13	-1071	655	50	--	--
	14	-131	50	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARDR01	2	-2402	150	99	32	42
	3	-1762	640	42	--	37
	4	-1682	80	99	<10	33
	5	-482	665	56	<10	22
	6	-92	310	52	<10	15
	12	-2552	510	0	--	--
	13	-1147	535	0	--	--
	14	-402	80	0	--	--
	15	198	290	--	--	--
ARDR02	2	-2460	300	83	21	40
	3	-2000	460	47	<10	36
	4	-1835	165	33	<10	33
	5	-330	880	60	<10	22
	6	-60	215	47	<10	16
	11	181	141	--	--	--
	12	-2760	750	0	--	--
	13	-1210	625	44	--	--
	14	-275	55	0	--	--
	15	40	100	0	--	--
ARDR03	2	-2419	140	99	<10	41
	3	-1914	505	34	--	37
	4	-1734	180	89	<10	33
	5	-234	955	84	<10	21
	6	36	165	70	<10	--
	11	266	25	--	--	--
	12	-2559	760	0	--	--
	13	-1189	545	12	--	--
	14	-129	105	32	--	--
	15	241	205	0	--	--
ARGN01	1	-582	75	84	--	--
	2	-64	78	94	--	--
	3	148	212	54	--	--
	4	292	144	55	--	--
	12	-142	440	0	--	--
ARGR01	2	-1010	20	50	--	35
	3	-590	420	55	<10	31
	4	-100	490	59	<10	24
	5	130	230	91	<10	19
	12	-1030	428	0	--	--
	14	234	104	--	--	--
ARGR02	2	-1630	50	99	<10	29
	3	-1295	335	36	<10	28
	4	-1035	260	94	--	26
	5	20	885	67	<10	21
	6	260	130	--	--	17
	12	-1680	640	0	--	--
	13	-865	170	26	--	--
	14	130	110	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARGR03	2	-890	35	99	<10	31
	3	-560	330	41	--	28
	4	-65	495	44	<10	23
	5	200	265	45	<10	18
	12	-925	--	--	--	--
	14	325	125	--	--	--
ARHE01	2	321	10	--	--	16
	12	311	580	0	--	--
ARJA01	1	-706	145	99	--	--
	2	114	210	99	--	--
	11	229	115	--	--	--
	12	-96	610	0	--	--
ARJA02	1	-267	130	92	<10	31
	11	237	115	--	--	14
	12	122	389	--	--	--
ARJE01	2	-2623	165	99	11	41
	3	-2013	610	40	<10	38
	4	-1698	315	99	<10	33
	5	-563	835	86	<10	25
	6	-173	290	41	--	18
	11	192	100	--	--	14
	12	-2788	700	0	--	--
	13	-1398	300	30	--	--
	14	-463	100	0	--	--
	15	92	265	13	--	--
ARJE02	2	-1680	320	91	12	35
	3	-1420	260	81	<10	31
	4	-1275	145	55	<10	29
	5	-355	705	68	<10	22
	6	80	240	50	<10	14
	11	190	110	--	--	--
	12	-2000	950	0	--	--
	13	-1060	215	23	--	--
	14	-160	195	9	--	--
ARJE03	2	-1745	155	99	<10	31
	3	-1395	350	24	--	29
	4	-960	435	91	<10	26
	5	-205	705	79	<10	21
	6	115	230	55	<10	17
	11	206	91	--	--	16
	12	-1900	725	0	--	--
	13	-910	50	0	--	--
	14	-115	90	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARJE04	2	-2855	145	99	16	45
	3	-2045	810	33	--	40
	4	-1735	310	77	<10	34
	5	-610	715	97	<10	25
	6	-290	255	59	<10	19
	11	185	95	--	--	--
	12	-3000	840	0	--	--
	13	-1325	410	44	--	--
	14	-545	65	0	--	--
	15	90	380	0	--	--
ARJE05	5	-585	--	--	--	--
	6	-75	176	56	--	--
	11	200	128	78	--	--
	14	-251	334	23	--	--
	15	72	147	17	--	--
ARLA01	2	-678	105	67	<10	27
	3	-458	220	52	<10	26
	4	-413	45	99	<10	24
	5	256	444	46	<10	19
	12	-783	785	0	--	--
	13	-188	225	36	--	--
ARLA02	2	-824	20	50	--	--
	3	-414	410	29	--	--
	4	-244	170	99	--	--
	5	245	284	76	--	--
	12	-844	770	0	--	--
	13	-39	205	19	--	--
ARLE01	2	-1626	125	99	<10	36
	3	-1211	415	66	<10	32
	4	-586	625	72	<10	25
	5	-171	335	85	<10	17
	6	204	310	55	<10	--
	12	-1751	--	--	--	--
	13	-506	80	0	--	--
	14	-106	65	0	--	--
ARLE02	2	-1620	120	63	<10	38
	3	-1150	470	57	<10	34
	4	-557	593	61	<10	25
	5	-120	330	87	<10	15
	6	80	130	19	--	--
	11	197	117	--	--	--
	12	-1740	--	--	--	--
	13	-450	107	0	--	--
	14	-50	70	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARLI01	2	-2602	340	32	26	39
	3	-1977	625	18	<10	35
	4	-1817	160	81	<10	32
	5	-457	840	53	<10	24
	6	-222	145	79	<10	20
	12	-2942	835	0	--	--
	13	-1297	520	22	--	--
	14	-367	90	50	--	--
	15	243	465	0	--	--
ARLI02	2	-2684	385	39	11	46
	3	-2044	640	27	<10	40
	4	-1869	175	99	<10	36
	5	-594	720	59	<10	26
	6	-284	155	90	<10	20
	11	187	91	--	--	15
	12	-3069	740	0	--	--
	13	-1314	555	21	--	--
	14	-439	155	26	--	--
ARLO01	2	-434	105	99	<10	24
	3	-354	80	31	--	23
	4	-69	285	88	<10	20
	5	66	135	57	<10	18
	11	227	96	--	--	16
	12	-539	640	0	--	--
	14	131	65	0	--	--
ARLO02	3	-1055	415	61	<10	34
	4	-720	335	42	<10	29
	5	-90	575	63	<10	23
	6	80	70	99	<10	17
	11	200	120	--	--	16
	12	-1470	766	0	--	--
	13	-665	55	0	--	--
	14	10	100	30	--	--
ARLO03	2	-454	140	79	--	--
	3	-369	85	65	--	--
	4	-69	300	99	--	--
	5	91	160	99	--	--
	11	226	135	--	--	--
	12	-594	566	0	--	--
ARLR01	12	275	192	0	--	--
ARLW01	1	-208	130	92	--	--
	2	160	50	--	--	--
	3	110	50	--	--	--
	11	247	87	--	--	--
	12	60	268	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARMI01	2	-600	65	99	<10	24
	3	-125	475	41	<10	22
	4	45	170	--	--	19
	5	217	112	--	--	18
	12	-665	735	0	--	--
	13	105	60	0	--	--
ARMI02	2	-668	75	57	<10	27
	3	-243	425	29	<10	24
	4	-78	165	61	<10	21
	5	305	333	--	--	18
	12	-743	775	0	--	--
	13	-28	50	0	--	--
ARMI03	2	-561	123	93	--	23
	3	-334	227	37	--	22
	4	-134	200	50	--	21
	5	290	364	--	--	18
	12	-684	938	0	--	--
	13	-74	60	17	--	--
ARMO01	2	-1410	115	98	<10	34
	3	-1070	340	70	<10	30
	4	-935	135	99	<10	25
	5	-125	750	73	<10	16
	6	95	95	99	<10	--
	11	185	90	--	<10	--
	12	-1525	845	3	--	--
	13	-875	60	3	--	--
	14	0	125	4	--	--
ARMO02	2	-1212	81	79	<10	32
	3	-941	271	48	--	28
	4	-448	493	83	<10	19
	5	-153	295	63	<10	--
	6	62	76	78	<10	--
	11	186	124	--	--	--
	12	-1293	--	--	--	--
	14	-14	139	17	--	--
ARMO03	5	-185	--	--	--	--
	6	55	79	85	--	--
	11	195	140	56	--	--
	14	-24	161	20	--	--
ARMS01	2	-1173	--	--	--	--
	3	-905	268	65	--	--
	4	-429	476	86	--	--
	5	-151	278	84	--	--
	6	71	172	56	--	--
	11	235	164	73	--	--
	14	-101	50	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARMS02	2	-1065	--	--	--	--
	3	-855	210	59	--	--
	4	-345	510	83	--	--
	5	-95	250	80	--	--
	6	49	60	--	--	--
	11	245	196	75	--	--
	14	-11	84	12	--	--
ARMS03	2	-879	--	--	--	--
	3	-681	198	75	--	--
	4	-271	410	45	--	--
	5	-27	244	79	--	--
	11	241	178	--	--	--
	14	63	90	0	--	--
ARMS04	2	-1114	--	--	--	--
	3	-962	152	42	--	--
	4	-429	533	92	--	--
	5	-202	227	62	--	--
	6	98	198	69	--	--
	11	242	144	--	--	--
	14	-100	102	0	--	--
ARMS05	2	-948	--	--	--	--
	3	-664	284	14	--	--
	4	-310	354	99	--	--
	5	-89	221	81	--	--
	6	114	132	98	--	--
	11	250	136	94	--	--
	14	-18	71	0	--	--
ARNE01	2	-254	65	99	--	22
	3	-74	180	33	--	20
	4	6	80	81	<10	19
	5	326	145	--	--	16
	12	-319	545	0	--	--
	13	181	175	20	--	--
ARNE02	2	118	20	50	--	18
	3	263	145	38	<10	17
	4	330	67	--	--	16
	12	98	525	0	--	--
ARNE03	12	300	184	--	--	--
ARNE04	2	176	20	--	--	--
	3	295	119	--	--	--
	12	156	377	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
AROU01	2	-231	20	50	--	--
	3	-26	205	61	--	--
	4	101	127	99	--	--
	12	-251	450	0	--	--
	13	279	178	--	--	--
AROU02	2	-1220	95	99	<10	30
	3	-980	240	21	--	29
	4	-920	60	99	<10	27
	5	-175	375	76	<10	22
	6	135	175	99	<10	18
	12	-1315	655	0	--	--
	13	-550	370	18	--	--
	14	-40	135	7	--	--
AROU03	2	-808	65	99	--	--
	3	-538	270	56	--	--
	4	-513	25	99	--	--
	5	92	230	51	--	--
	12	-873	580	0	--	--
	13	-138	375	29	--	--
ARPH01	2	-2150	240	83	21	36
	3	-1630	520	38	<10	32
	4	-1345	285	68	<10	29
	5	-290	600	82	<10	21
	6	10	115	48	<10	17
	11	155	145	--	--	15
	12	-2390	1165	3	--	--
	13	-890	455	25	--	--
	14	-105	185	46	--	--
ARPH02	2	-1722	265	74	<10	32
	3	-1282	440	57	<10	29
	4	-1017	265	99	<10	26
	5	-162	480	65	<10	20
	6	28	30	--	--	16
	11	168	140	--	--	15
	12	-1987	1195	0	--	--
	13	-642	375	16	--	--
	14	-2	160	--	--	--
ARPH03	6	20	--	--	--	--
	11	179	159	--	--	--
ARPH04	5	106	--	--	--	--
	6	212	34	--	--	--
	11	250	38	--	--	--
	14	178	72	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARPH05	2	-2003	485	59	11	31
	3	-1438	565	46	<10	28
	4	-1151	287	74	<10	26
	5	-93	580	97	<10	21
	6	47	70	--	--	19
	11	162	115	--	--	18
	12	-2488	935	0	--	--
	13	-673	478	17	--	--
	14	-23	70	--	--	--
ARPO01	2	-1101	248	99	--	--
	3	-1007	94	37	--	--
	4	-581	426	99	--	--
	5	-351	230	99	--	--
	6	52	293	27	--	--
	11	219	167	96	--	--
	12	-1349	--	--	--	--
	14	-241	110	0	--	--
ARPO02	2	-760	--	--	--	--
	3	-560	200	49	--	--
	4	-140	420	88	--	--
	5	88	228	64	--	--
	11	220	132	--	--	--
ARPO03	1	-1365	160	99	<10	35
	2	-520	175	73	<10	25
	3	-295	225	24	--	23
	4	91	386	68	<10	19
	11	239	148	--	--	16
	12	-695	670	0	--	--
ARPR01	2	105	105	--	--	--
	11	205	100	--	--	--
	12	0	485	0	--	--
ARPR02	3	-944	530	32	--	--
	4	-704	240	73	--	--
	5	-144	445	72	--	--
	6	86	160	32	--	--
	11	216	130	--	--	--
	12	-1474	605	0	--	--
	13	-589	115	0	--	--
	14	-74	70	0	--	--
ARPR03	2	-595	155	95	--	--
	3	-440	155	42	--	--
	4	-125	315	77	--	--
	5	75	200	72	--	--
	11	190	115	--	--	--
	12	-750	705	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARSF01	2	-1215	400	71	--	--
	3	-1035	180	28	--	--
	4	-445	590	99	--	--
	5	-180	265	99	--	--
	6	60	165	--	--	--
	11	205	145	--	--	--
	12	-1615	730	5	--	--
	14	-105	75	0	--	--
ARSF02	2	-1085	170	76	<10	31
	3	-940	145	62	--	29
	4	-435	505	77	<10	25
	5	-170	265	55	<10	20
	6	65	200	50	<10	17
	11	205	140	--	--	15
	12	-1255	855	0	--	--
	14	-135	35	0	--	--
ARUN01	2	-1123	130	46	14	34
	3	-913	210	31	--	32
	4	-863	50	90	<10	30
	5	-13	490	80	--	23
	6	197	30	--	--	18
	12	-1253	610	0	--	--
	13	-503	360	0	--	--
	14	167	180	0	--	--
ARUN02	2	-1119	95	79	--	--
	3	-884	235	30	--	--
	4	-849	35	99	--	--
	5	16	600	81	--	--
	6	201	110	--	--	--
	12	-1214	740	0	--	--
	13	-584	265	0	--	--
	14	91	75	27	--	--
ARUN03	2	-1089	145	60	<10	31
	3	-984	105	19	--	30
	4	-932	52	99	<10	29
	5	-87	530	77	--	24
	6	234	226	71	<10	20
	12	-1234	643	0	--	--
	13	-617	315	0	--	--
	14	8	95	21	--	--
ARUN04	2	-1332	45	99	<10	40
	3	-1024	308	54	<10	37
	4	-997	27	99	<10	35
	5	-72	645	37	<10	25
	6	208	175	--	<10	17
	12	-1377	690	4	--	--
	13	-717	280	0	--	--
	14	33	105	19	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
ARUN05	2	-1094	105	74	<10	30
	3	-889	205	49	<10	29
	4	-861	28	99	<10	28
	5	-29	532	64	<10	23
	6	211	165	--	--	20
	12	-1199	720	0	--	--
	13	-561	300	0	--	--
	14	46	75	20	--	--
ARUN06	2	-868	170	84	--	--
	3	-758	110	70	--	--
	4	-688	70	99	--	--
	5	107	475	81	--	--
	12	-1038	630	0	--	--
	13	-368	320	13	--	--
	14	232	125	--	--	--
ARWH01	11	215	96	--	--	--
	12	119	330	--	--	--
ARW001	2	117	175	38	--	--
	11	217	100	--	--	--
	12	-58	700	0	--	--
ARW002	2	-419	154	92	<10	24
	3	-280	139	36	--	22
	4	75	355	99	--	18
	11	200	125	--	--	14
	12	-573	727	0	--	--
FLES01	2	-2758	150	77	<10	38
	3	-1253	1505	23	--	33
	5	-593	660	33	<10	25
	7	-103	430	--	--	--
	8	86	189	--	--	19
	12	-2908	690	0	--	--
	15	-533	60	0	--	--
FLES02	3	-1700	1525	19	--	41
	5	-945	755	14	<10	30
	7	-65	740	55	<10	22
	8	254	319	99	<10	17
	12	-3225	800	0	--	--
	15	-805	140	0	--	--
FLES03	3	-2240	1110	39	--	40
	5	-1730	510	--	--	--
	7	-480	1080	15	<10	26
	8	11	491	--	--	20
	12	-3350	1170	0	--	--
	15	-1560	170	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
KYBA01	3	0	--	--	--	--
	4	395	395	46	--	--
	5	465	70	63	--	--
KYCA01	1	393	374	88	--	--
	12	475	82	26	--	--
KYCA02	1	154	--	--	--	--
	2	368	26	50	--	--
	3	484	116	15	--	--
	4	582	98	71	--	--
	12	342	188	0	--	--
KYCA03	1	226	425	78	<10	19
	2	427	12	99	--	--
	3	435	8	99	--	--
	4	583	148	75	--	--
	12	415	189	8	--	--
KYCL01	1	-536	300	42	--	--
	2	-338	30	99	--	--
	3	-300	38	39	--	--
	4	22	322	99	--	--
	5	152	130	99	--	--
	6	482	282	79	--	--
	12	-368	168	0	--	--
	14	200	48	17	--	--
KYCL02	1	-227	186	47	<10	19
	2	1	30	99	--	17
	3	157	156	32	--	16
	4	355	198	99	--	15
	5	402	47	--	--	14
	12	-29	198	0	--	--
KYFU01	4	-130	--	--	--	--
	5	-18	112	31	--	--
	6	320	192	40	--	--
	14	128	146	0	--	--
KYFU02	1	-1341	328	51	--	--
	2	-871	170	99	--	--
	3	-701	170	8	--	--
	4	-306	395	94	--	--
	5	-101	205	41	--	--
	6	149	110	35	--	--
	11	289	140	79	--	--
	12	-1041	300	0	--	--
	14	39	140	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
KYFU03	4	155	--	--	--	--
	5	240	85	55	--	--
	6	500	158	74	--	--
	14	342	102	49	--	--
KYFU04	5	50	--	--	--	--
	6	390	104	96	--	--
	14	286	236	9	--	--
KYGR01	1	106	--	--	--	--
	2	314	75	20	--	--
	3	424	110	68	--	--
	4	514	90	--	--	--
	12	239	130	0	--	--
KYGR02	5	407	--	--	--	--
	14	510	103	51	--	--
KYGR03	1	186	--	--	--	--
	12	410	224	0	--	--
KYGR04	2	-184	79	99	--	--
	3	-92	92	67	--	--
	4	234	326	99	--	--
	5	360	126	97	--	--
	12	-263	--	--	--	--
	14	450	90	--	--	--
KYGR05	1	-307	--	--	--	--
	2	-103	40	99	--	--
	3	-39	64	99	--	--
	4	373	412	94	--	--
	5	470	97	--	--	--
	12	-143	164	0	--	--
KYHI01	1	-785	--	--	--	--
	2	-469	26	92	--	--
	3	-321	148	7	--	--
	4	38	359	99	--	--
	5	243	205	24	--	--
	6	430	127	--	--	--
	12	-495	290	0	--	--
	14	303	60	20	--	--
KYHI02	2	-335	52	99	--	--
	3	-251	84	99	--	--
	4	105	356	96	--	--
	5	221	116	99	--	--
	6	480	191	--	--	--
	12	-387	--	--	--	--
	14	289	68	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
KYMCO1	1	92	103	99	--	--
	12	362	270	0	--	--
LAAC01	7	-6391	2224	36	97	59
	8	-3578	2813	64	92	46
	9	-2143	1435	51	31	35
	10	-843	1300	46	10	28
	11	37	880	58	<10	23
	15	-8615	1579	11	--	--
LAAC02	8	-6255	4625	52	116	78
	9	-3236	3019	66	113	49
	10	-932	2304	50	30	32
	11	5	937	79	<10	23
	16	-10880	1258	3	--	--
LAAC03	7	-9365	2228	13	103	69
	8	-4457	4170	57	132	49
	9	-2280	2177	64	99	35
	10	-863	1417	44	30	28
	11	32	895	82	<10	23
	16	-8627	738	6	--	--
LAAL01	3	-11543	--	--	--	--
	6	-8919	31	99	28	80
	7	-3982	3111	46	110	53
	8	-1935	2047	30	<10	36
	9	-870	1065	32	<10	28
	10	-233	637	49	<10	23
	11	100	333	99	<10	20
	14	-8950	2593	1	--	--
	15	-7093	1826	3	--	--
LAAL02	3	-12036	705	21	--	100
	7	-4359	3207	46	65	65
	8	-2110	2249	53	44	55
	9	-1031	1079	36	<10	38
	10	-251	780	34	<10	25
	11	55	306	66	<10	17
	15	-7566	4470	1	--	--
LAAL03	3	-9027	--	--	--	--
	5	-8235	227	34	52	75
	6	-6727	750	26	57	67
	7	-3057	2557	48	52	48
	8	-1357	1700	19	<10	34
	9	-457	900	--	--	25
	10	-7	450	--	--	21
	11	124	131	--	--	19
	13	-8462	565	0	--	--
	14	-7477	758	7	--	--
	15	-5614	1113	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAAL04	8	-1361	--	--	--	--
	9	-461	900	28	--	--
	10	-11	450	31	--	--
	11	115	126	99	--	--
LAAN01	7	-8469	1211	40	134	66
	8	-4371	4098	58	106	53
	9	-2575	1796	41	61	38
	10	-949	1626	48	15	29
	11	6	955	70	<10	23
	15	-9680	1803	4	--	--
LAAS01	8	-7075	5145	49	90	72
	9	-3735	3340	63	99	53
	10	-998	2737	54	28	36
	11	12	1010	54	<10	23
	16	-12220	2595	0	--	--
LAAS02	8	-8041	4247	44	143	68
	9	-3977	4064	47	109	49
	10	-1055	2922	60	76	32
	11	0	1055	67	<10	22
LAAV01	3	-4722	3346	54	96	72
	4	-4642	80	76	122	62
	5	-3740	713	46	79	58
	6	-2935	565	50	67	53
	7	-1321	1184	37	51	44
	8	-564	757	33	10	32
	9	-92	472	66	<10	23
	11	53	145	99	<10	19
	12	-8068	1002	2	--	--
	13	-4453	189	0	--	--
	14	-3500	240	8	--	--
	15	-2505	430	1	--	--
LAAV02	3	-7987	3535	39	50	73
	5	-6821	736	31	59	57
	6	-5867	527	34	61	50
	7	-2867	2292	30	58	38
	8	-1425	1442	49	19	30
	9	-517	908	66	<10	24
	10	-102	415	56	<10	22
	11	53	155	--	<10	20
	12	-11522	1935	0	--	--
	13	-7557	430	0	--	--
	14	-6394	427	0	--	--
	15	-5159	708	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAAV03	3	-6471	--	--	--	--
	5	-5398	667	50	107	54
	6	-4623	336	72	106	49
	7	-2285	1808	39	99	39
	8	-1029	1256	43	112	30
	9	-343	686	--	--	24
	10	-118	225	--	--	21
	11	48	166	--	--	20
	13	-6065	406	0	--	--
	14	-4959	439	2	--	--
	15	-4093	530	4	--	--
LAAV04	3	-8620	--	--	--	--
	5	-7564	503	43	--	58
	6	-6794	223	35	84	53
	7	-3459	2713	57	79	43
	8	-1657	1802	61	40	33
	9	-700	957	74	--	26
	10	-157	543	39	<10	22
	11	40	197	--	--	20
	13	-8067	553	4	--	--
	14	-7017	547	5	--	--
	15	-6172	622	0	--	--
LABE01	3	-8431	--	--	--	--
	6	-5651	1178	39	43	53
	7	-2221	2230	39	<10	37
	8	-581	1640	47	<10	28
	9	-41	540	31	<10	23
	10	64	105	--	<10	22
	14	-6829	1602	6	--	--
	15	-4451	1200	3	--	--
LABE02	3	-9445	--	--	--	--
	6	-6805	673	33	50	70
	7	-2915	2690	52	46	50
	8	-1145	1770	42	<10	34
	9	-325	820	32	<10	26
	10	-25	300	92	<10	22
	11	131	156	--	<10	20
	14	-7478	1967	1	--	--
	15	-5605	1200	1	--	--
LABE03	3	-8606	--	--	--	--
	5	-7922	116	98	36	87
	6	-6258	822	50	28	76
	7	-2748	2338	45	49	53
	8	-1158	1590	41	<10	36
	9	-358	800	--	--	26
	10	-18	340	--	--	21
	11	164	182	--	--	19
	13	-8038	568	2	--	--
	14	-7080	842	5	--	--
	15	-5086	1172	2	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LABE04	7	-3804	2587	56	46	42
	8	-1817	1987	57	11	33
	9	-867	950	36	<10	28
	10	-367	500	63	<10	25
	11	43	410	53	<10	23
	15	-6391	2052	1	--	--
LABE05	7	-4331	2244	55	59	47
	8	-2238	2093	49	30	37
	9	-1165	1073	30	<10	30
	10	-495	670	59	<10	26
	11	25	520	61	<10	23
	15	-6575	--	--	--	--
LABE06	7	-4160	2903	52	175	55
	8	-2093	2067	56	92	40
	9	-1043	1050	--	15	31
	10	-413	630	--	--	26
	11	50	463	--	--	22
	15	-7063	--	--	--	--
LABE07	8	-1169	--	--	--	--
	9	-369	800	25	--	--
	10	-19	350	32	--	--
	11	171	190	94	--	--
LABI01	3	-598	359	25	<10	26
	4	-578	20	50	--	25
	5	233	402	63	<10	22
	12	-957	767	0	--	--
	13	-169	409	1	--	--
LABI02	2	-884	38	79	<10	28
	3	-39	845	45	<10	25
	4	16	55	18	--	22
	5	278	77	--	--	20
	12	-922	732	0	--	--
	13	201	185	--	--	--
LABO01	2	-686	33	94	<10	27
	3	-396	290	54	<10	26
	4	-366	30	83	<10	25
	5	248	426	74	<10	21
	12	-719	662	0	--	--
	13	-178	188	12	--	--
LABO02	2	-343	20	50	--	28
	3	-13	330	36	--	25
	4	32	45	99	<10	21
	5	255	43	--	--	17
	12	-363	655	2	--	--
	13	212	180	8	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAB003	2	-52	20	50	--	22
	3	164	216	65	<10	21
	12	-72	569	0	--	--
LACA01	2	-2016	773	66	--	--
	3	-1264	752	72	--	--
	4	-1041	223	87	--	--
	5	-171	662	75	--	--
	6	-11	60	--	--	--
	11	60	71	--	--	--
	12	-2789	567	0	--	--
	13	-833	208	0	--	--
	14	-71	100	--	--	--
LACA02	2	-2902	704	56	41	41
	3	-1668	1234	75	33	35
	4	-1541	127	98	45	30
	5	-551	692	57	13	26
	6	* -11	400	54	<10	21
	11	56	67	--	--	20
	12	-3606	660	0	--	--
	13	-1243	298	3	--	--
	14	-411	140	5	--	--
LACA03	2	-2114	490	62	30	39
	3	-1354	760	71	31	34
	4	-1214	140	99	36	30
	5	-214	734	59	<10	24
	6	190	246	--	<10	19
	12	-2604	700	0	--	--
	13	-948	266	0	--	--
	14	-56	158	0	--	--
LACD01	2	-511	58	33	--	25
	3	-111	400	38	<10	23
	4	-4	107	77	<10	21
	5	310	249	57	<10	19
	12	-569	792	0	--	--
	13	61	65	0	--	--
LACD02	2	104	20	63	--	20
	3	195	91	--	--	20
	12	84	556	0	--	--
LACD03	2	180	20	--	--	--
	3	265	85	--	--	--
	12	160	724	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
LACD04	2	-42	20	50	--	21
	3	342	384	--	<10	20
	12	-62	847	0	--	--
LACL01	2	-1169	70	60	<10	32
	3	-709	460	13	--	29
	4	-691	18	99	--	27
	5	53	534	61	<10	22
	12	-1239	567	1	--	--
	13	-481	210	7	--	--
	14	174	121	--	--	--
LACL02	2	-930	20	50	--	29
	3	-510	420	59	<10	27
	4	-490	20	50	--	25
	5	220	500	76	<10	20
	12	-950	590	0	--	--
	13	-280	210	12	--	--
	14	367	147	--	--	--
LACN01	8	-4266	3384	67	152	61
	9	-2140	2126	45	81	45
	10	-861	1279	52	16	33
	11	0	861	54	<10	24
	16	-7650	3994	2	--	--
LACN02	8	-5430	4063	56	124	55
	9	-2731	2699	54	75	40
	10	-957	1774	58	22	30
	11	0	957	52	<10	24
LACN03	8	-5259	4312	68	108	70
	9	-2656	2603	63	51	50
	10	-931	1725	37	--	34
	11	0	931	27	<10	24
	16	-9571	3948	0	--	--
LACN04	7	-9963	268	49	102	79
	8	-4485	3683	63	174	54
	9	-2262	2223	47	58	37
	10	-923	1339	59	29	29
	11	0	923	67	<10	24
	15	-10231	--	--	--	--
	16	-8168	1795	5	--	--
LACN05	8	-7837	6173	48	82	110
	9	-3872	3965	43	87	60
	10	-918	2954	60	27	44
	11	0	918	34	<10	24

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LACN06	8	-8191	2464	59	129	73
	9	-4051	4140	40	119	57
	10	-950	3101	59	66	45
	11	0	950	88	<10	25
LACN07	8	-7444	2639	67	127	70
	9	-3899	3545	52	105	49
	10	-977	2922	54	21	32
	11	0	977	69	<10	24
LACN08	8	-7408	4260	47	--	74
	9	-3926	3482	59	75	53
	10	-1046	2880	54	32	35
	11	0	1046	94	<10	25
LACN09	8	-8933	5232	24	81	80
	9	-4699	4234	39	55	56
	10	-1085	3614	50	23	37
	11	0	1085	70	<10	25
LACO01	2	-6092	410	52	46	76
	3	-3421	2671	54	57	67
	5	-2145	854	64	34	53
	6	-1354	620	60	12	42
	7	-177	710	22	<10	25
	8	-117	60	82	<10	20
	11	63	180	48	<10	18
	12	-6502	991	0	--	--
	13	-2999	422	0	--	--
	14	-1974	171	0	--	--
	15	-887	467	1	--	--
LACO02	2	-6809	--	--	--	--
	3	-3889	2920	52	45	55
	5	-2614	898	60	26	40
	6	-1824	627	39	27	34
	7	-447	808	46	13	25
	8	-147	300	--	--	21
	11	48	195	--	--	20
	13	-3512	377	0	--	--
	14	-2451	163	0	--	--
	15	-1255	569	0	--	--
LACO03	3	-4821	--	--	--	--
	5	-3481	906	48	39	46
	6	-2944	447	58	48	40
	7	-1266	1205	34	30	32
	8	-440	826	51	<10	25
	9	-146	294	59	<10	21
	11	56	202	99	<10	20
	13	-4387	434	7	--	--
	14	-3391	90	6	--	--
	15	-2471	473	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAC004	3	-4926	--	--	--	--
	5	-3556	930	58	32	43
	6	-3076	380	60	44	39
	7	-1322	1280	34	42	31
	8	-451	871	45	17	25
	9	-151	300	--	--	21
	11	54	205	--	--	20
	13	-4486	440	0	--	--
	14	-3456	100	0	--	--
	15	-2602	474	0	--	--
LAC005	3	-4600	--	--	--	--
	5	-3386	903	54	--	45
	6	-2728	518	49	--	39
	7	-1096	1152	27	--	30
	8	-396	700	44	<10	24
	9	-166	230	60	<10	21
	11	42	208	86	<10	20
	13	-4289	311	2	--	--
	14	-3246	140	4	--	--
	15	-2248	480	5	--	--
LAC006	2	-7878	936	57	65	78
	3	-5715	2163	44	47	67
	5	-4428	912	26	63	54
	6	-3971	239	72	61	48
	7	-1962	1496	36	53	38
	8	-1001	961	42	25	30
	9	-501	500	69	<10	25
	10	-178	323	--	--	22
	11	38	216	--	--	20
	12	-8814	--	--	--	--
	13	-5340	375	5	--	--
	14	-4210	218	21	--	--
	15	-3458	513	2	--	--
LACT01	2	-5285	410	75	30	57
	3	-3162	2123	62	31	50
	4	-3035	127	97	36	45
	5	-1816	906	68	--	39
	6	-1032	610	43	--	31
	7	-32	492	23	--	22
	11	50	82	--	--	19
	12	-5695	627	0	--	--
	13	-2722	313	0	--	--
	14	-1642	174	0	--	--
	15	-524	508	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LACT02	2	-5138	840	41	--	--
	3	-3465	1673	50	--	--
	4	-3295	170	74	--	--
	5	-2213	778	56	--	--
	6	-1435	660	50	--	--
	7	-253	692	32	--	--
	8	-43	210	--	--	--
	11	60	103	--	--	--
	12	-5978	--	--	--	--
	13	-2991	304	6	--	--
	14	-2095	118	0	--	--
	15	-945	490	1	--	--
LACT03	2	-4196	624	57	72	56
	3	-2526	1670	64	54	47
	4	-2410	116	99	76	40
	5	-1306	818	66	36	33
	6	-546	606	64	17	26
	7	135	106	46	<10	19
	12	-4820	644	0	--	--
	13	-2124	286	7	--	--
	14	-1152	154	0	--	--
	15	29	575	1	--	--
LACU01	7	-7589	1470	44	161	73
	8	-3464	3355	43	73	49
	9	-1744	1720	29	26	35
	10	-704	1040	45	<10	28
	11	5	709	76	<10	23
	15	-9059	924	1	--	--
	16	-6819	770	4	--	--
LACU02	7	-10077	709	22	74	82
	8	-4472	4262	52	81	64
	9	-2302	2170	44	--	46
	10	-1002	1300	47	<10	33
	11	8	1010	59	<10	24
	16	-8734	1343	1	--	--
LACU03	7	-8178	685	37	82	64
	8	-3718	3602	57	93	49
	9	-1883	1835	44	62	35
	10	-773	1110	51	21	28
	11	8	781	65	<10	23
	15	-8863	2013	3	--	--
	16	-7320	858	7	--	--
LACU04	7	-6484	2895	35	116	61
	8	-3258	2756	68	142	42
	9	-1604	1654	31	12	31
	10	-704	900	51	<10	26
	11	7	711	67	<10	23
	15	-9379	--	--	--	--
	16	-6014	470	5	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LADS01	2	-75	20	50	--	23
	3	225	300	51	<10	20
	12	-95	759	1	--	--
LADS02	2	55	20	50	--	21
	3	320	265	66	<10	20
	12	35	798	0	--	--
LADS03	2	-48	20	50	--	22
	3	227	275	81	<10	20
	12	-68	880	1	--	--
LAEB01	3	-10096	1210	17	--	85
	7	-4619	3387	49	63	62
	8	-1946	2673	53	66	47
	9	-1246	700	57	--	32
	10	-543	703	64	--	26
	11	68	611	50	--	20
	12	-11306	3772	1	--	--
	15	-8006	2090	1	--	--
LAEB02	7	-6656	3232	30	94	66
	8	-3051	3605	55	91	46
	9	-2126	925	25	<10	34
	10	-1026	1100	41	<10	28
	11	23	1049	52	<10	22
	15	-9888	2170	1	--	--
LAEC01	2	-2044	340	40	<10	40
	3	-1530	514	31	--	36
	4	-1491	39	99	<10	34
	5	-252	935	47	<10	26
	6	-7	245	95	<10	20
	11	113	120	--	--	18
	12	-2384	480	0	--	--
	13	-1187	304	5	--	--
LAEC02	2	-2196	378	92	25	40
	3	-1614	582	43	10	36
	4	-1513	101	99	<10	33
	5	-549	605	50	<10	26
	6	-19	398	73	<10	20
	11	90	109	--	--	18
	12	-2574	329	0	--	--
	13	-1154	359	6	--	--
	14	-417	132	31	--	--
LAEF01	2	-9145	--	--	--	--
	3	-6540	2605	39	43	63
	5	-5495	466	32	--	52
	7	-2565	2307	49	--	40
	8	-965	1600	52	<10	29
	9	-325	640	25	<10	23
	10	75	400	49	<10	20
	11	260	185	33	<10	19
	13	-5961	579	6	--	--
	15	-4872	623	7	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
LAEF02	2	-10515	895	26	100	90
	3	-7947	2568	22	55	77
	7	-3349	2892	36	65	45
	8	-1328	2021	49	29	32
	9	-671	657	40	<10	25
	10	-42	629	50	<10	22
	11	199	241	85	<10	19
	12	-11410	1123	1	--	--
	15	-6241	1706	2	--	--
LAEV01	3	-9577	--	--	--	--
	5	-8631	208	37	22	65
	6	-7411	367	16	51	60
	7	-3538	2836	57	68	50
	8	-1673	1865	55	52	41
	9	-690	983	34	<10	31
	10	-38	652	29	<10	23
	11	105	143	85	<10	18
	13	-8839	738	0	--	--
	14	-7778	853	2	--	--
	15	-6374	1037	12	--	--
LAEV02	3	-9596	3432	30	43	94
	5	-8438	390	23	80	78
	6	-7396	265	25	74	72
	7	-3529	2997	48	89	57
	8	-1699	1830	42	61	41
	9	-661	1038	40	<10	29
	10	-108	553	18	--	23
	11	60	168	--	--	20
	12	-13028	2345	0	--	--
	13	-8828	768	5	--	--
	14	-7661	777	4	--	--
	15	-6526	870	0	--	--
LAEV03	3	-11433	--	--	--	--
	5	-10248	319	32	54	78
	7	-4439	3596	46	53	63
	8	-2127	2312	55	57	49
	9	-950	1177	48	<10	33
	10	-213	737	44	<10	25
	11	66	279	--	<10	20
	13	-10567	866	0	--	--
	15	-8035	2213	2	--	--
LAEV04	7	-5374	2590	37	43	59
	8	-2777	2597	43	40	47
	9	-1527	1250	30	<10	38
	10	-354	1173	47	<10	28
	11	51	405	84	<10	21
	15	-7964	2844	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
LAFR01	2	-4250	588	43	25	52
	3	-2682	1568	61	41	44
	4	-2500	182	91	50	38
	5	-1300	830	56	33	32
	6	-870	260	69	15	27
	11	64	114	--	--	20
	12	-4838	562	0	--	--
	13	-2130	370	0	--	--
	14	-1130	170	0	--	--
	15	-50	820	9	--	--
LAFR02	2	-2839	660	45	28	41
	3	-2159	680	56	27	37
	4	-1839	320	76	--	33
	5	-813	716	64	23	28
	6	-19	630	--	19	22
	11	70	89	--	--	20
	12	-3499	571	0	--	--
	13	-1529	310	1	--	--
	14	-649	164	0	--	--
LAFR03	2	-3913	537	86	78	67
	3	-2769	1144	57	51	58
	4	-2468	301	83	54	49
	5	-1273	820	58	45	39
	6	-465	676	51	12	29
	11	68	102	62	<10	20
	12	-4450	523	2	--	--
	13	-2093	375	2	--	--
	14	-1141	132	0	--	--
	15	-34	431	0	--	--
LAFR04	2	-2976	198	89	38	42
	3	-2046	930	57	24	38
	4	-1914	132	99	24	34
	5	-774	800	80	24	28
	6	-154	493	63	<10	23
	11	88	122	--	--	20
	12	-3174	447	0	--	--
	13	-1574	340	0	--	--
	14	-647	127	0	--	--
	15	-34	120	--	--	--
LAGR01	3	-3157	--	--	--	--
	4	-3004	153	70	--	--
	5	-2144	670	48	--	--
	6	-1274	680	33	--	--
	7	-94	616	30	--	--
	8	100	194	--	--	--
	13	-2814	190	0	--	--
	14	-1954	190	2	--	--
	15	-710	564	2	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAGR02	2	-6339	298	62	43	71
	3	-3497	2842	40	40	62
	4	-3277	220	99	54	49
	5	-2347	634	59	24	43
	6	-1387	752	43	<10	35
	7	-67	712	24	<10	24
	8	138	205	54	<10	20
	12	-6637	790	0	--	--
	13	-2981	296	0	--	--
	14	-2139	208	2	--	--
	15	-779	608	0	--	--
LAGR03	2	-4089	--	--	--	--
	3	-1889	2200	60	--	--
	4	-1818	71	99	--	--
	5	-1115	500	70	--	--
	6	-369	633	22	--	--
	7	225	227	--	--	--
	13	-1615	203	0	--	--
	14	-1002	113	6	--	--
	15	-2	367	0	--	--
LAGR04	2	-3777	486	50	36	49
	3	-1740	2037	51	34	40
	4	-1530	210	81	42	32
	5	-813	533	62	23	28
	6	-5	667	21	<10	23
	12	-4263	752	0	--	--
	13	-1346	184	0	--	--
	14	-672	141	3	--	--
	15	190	195	--	--	--
LAIA01	8	-7257	4133	66	213	72
	9	-3837	3420	50	287	46
	10	-1053	2784	54	45	28
	11	3	1056	51	<10	22
LAIA02	8	-7215	4750	57	157	70
	9	-3785	3430	63	131	55
	10	-1006	2779	65	55	43
	11	18	1024	71	<10	22
	16	-11965	517	8	--	--
LAIA03	8	-10566	4416	10	101	92
	9	-5506	5060	46	97	63
	10	-1123	4383	52	37	35
	11	1	1124	73	<10	23

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAIA04	8	-8659	4018	55	123	74
	9	-4549	4110	53	91	56
	10	-1057	3492	59	59	39
	11	0	1057	62	<10	23
LAIB01	8	-6500	4800	53	165	59
	9	-3632	2868	63	154	42
	10	-1030	2602	49	86	30
	11	2	1032	78	<10	22
	16	-11300	309	0	--	--
LAIB02	7	-10555	3226	12	111	78
	8	-5650	4000	63	79	66
	9	-3150	2500	50	55	57
	10	-929	2221	41	25	41
	11	12	941	84	<10	23
	16	-9650	905	14	--	--
LAIB03	7	-8126	--	--	--	--
	8	-4194	3932	66	136	54
	9	-2548	1646	65	124	41
	10	-975	1573	22	<10	33
	11	10	985	67	<10	22
LAJA01	3	-1098	506	40	<10	34
	4	-950	148	72	<10	31
	5	-24	668	53	<10	24
	6	180	34	--	--	19
	12	-1604	662	2	--	--
	13	-692	258	0	--	--
	14	146	170	0	--	--
LAJA02	2	-1584	82	99	18	34
	3	-634	950	44	11	30
	4	-489	145	68	<10	26
	5	130	364	55	<10	22
	12	-1666	690	0	--	--
	13	-234	255	0	--	--
LAJA03	4	-1022	--	--	--	--
	5	-73	705	70	<10	26
	6	254	171	38	--	15
	13	-778	244	0	--	--
	14	83	156	0	--	--
LAJA04	2	-2037	305	74	22	39
	3	-1148	889	60	18	34
	4	-1004	144	96	25	30
	5	-64	700	67	<10	25
	6	260	168	--	--	20
	12	-2342	736	0	--	--
	13	-764	240	0	--	--
	14	92	156	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAJD01	7	-9523	898	38	--	72
	8	-4137	3839	59	166	56
	9	-2186	1951	55	143	43
	10	-866	1320	55	103	34
	11	24	890	90	--	24
	15	-10421	1483	8	--	--
	16	-7976	1547	6	--	--
LAJD02	7	-8298	1595	39	121	68
	8	-3969	3756	48	120	51
	9	-2069	1900	67	87	36
	10	-778	1291	--	108	28
	11	25	803	--	--	23
	15	-9893	73	0	--	--
	16	-7725	573	6	--	--
LAJD03	8	-4912	4201	61	107	65
	9	-2413	2499	56	63	50
	10	-887	1526	65	37	34
	11	7	894	60	<10	23
	16	-9113	1970	1	--	--
LAJD04	9	-2077	--	--	--	--
	10	-786	1291	44	<10	28
	11	27	813	67	<10	23
LAJF01	8	-4489	3690	51	93	63
	9	-2589	1900	36	40	50
	10	-789	1800	49	15	34
	11	0	789	58	<10	22
	16	-8179	2693	0	--	--
LALA01	3	-2984	2688	40	59	47
	4	-2942	42	79	--	39
	5	-2162	680	35	55	36
	6	-1562	470	34	51	32
	7	-372	728	41	10	25
	8	-52	320	--	--	22
	11	51	103	--	--	20
	12	-5672	613	0	--	--
	13	-2842	100	0	--	--
	14	-2032	130	7	--	--
	15	-1100	462	3	--	--
LALA02	2	-2658	1090	63	22	50
	3	-1528	1130	46	18	40
	4	-1465	63	99	20	34
	5	-612	606	50	<10	29
	6	102	544	76	<10	22
	12	-3748	--	--	--	--
	13	-1218	247	9	--	--
	14	-442	170	13	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LALA03	2	-4033	649	49	53	57
	3	-2190	1843	34	29	48
	4	-2084	106	99	43	41
	5	-1309	668	61	19	36
	6	-634	532	39	<10	29
	7	166	288	30	<10	20
	12	-4682	629	0	--	--
	13	-1977	107	0	--	--
	14	-1166	143	0	--	--
	15	-122	512	2	--	--
LALF01	8	-4936	4704	63	70	59
	9	-2456	2480	55	63	44
	10	-944	1512	54	20	33
	11	26	970	91	<10	23
	16	-9640	1786	5	--	--
LALI01	3	-9248	2738	6	--	77
	7	-4485	3334	47	81	53
	8	-1542	2943	53	27	36
	9	-867	675	36	<10	27
	10	-229	638	71	<10	23
	11	75	304	--	<10	21
	12	-11986	1618	0	--	--
	15	-7819	1429	1	--	--
LALI02	7	-8477	1910	6	--	73
	8	-4429	4048	53	73	57
	9	-2740	1689	50	42	41
	10	-900	1840	47	24	30
	11	0	900	71	<10	23
	15	-10387	--	--	--	--
LALI03	7	-8594	1934	16	34	91
	8	-4514	4080	49	57	74
	9	-2798	1716	32	43	57
	10	-955	1843	51	<10	47
	11	1	956	64	<10	23
	15	-10528	--	--	--	--
LALI04	3	-10211	492	11	48	87
	7	-6075	2276	22	104	65
	8	-2706	3369	57	68	45
	9	-1861	845	30	<10	33
	10	-733	1128	44	<10	27
	11	4	737	75	<10	22
	12	-10703	3330	0	--	--
	15	-8351	1860	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LALI05	7	-6545	2220	18	--	65
	8	-2854	3691	58	--	48
	9	-1981	873	51	<10	34
	10	-830	1151	37	<10	28
	11	12	842	43	<10	22
	15	-8765	--	--	--	--
LALN01	2	-1060	90	39	--	34
	3	-757	303	24	--	32
	4	-737	20	50	--	30
	5	97	610	63	<10	22
	6	315	42	--	--	16
	12	-1150	643	0	--	--
	13	-513	224	0	--	--
	14	273	176	26	--	--
LALN02	2	-1291	20	50	--	34
	3	-659	632	44	<10	31
	4	-639	20	50	--	27
	5	52	473	59	<10	22
	6	315	136	--	--	18
	12	-1311	633	0	--	--
	13	-421	218	0	--	--
	14	179	127	12	--	--
LALR01	8	-7184	3864	31	70	62
	9	-3615	3569	50	94	45
	10	-953	2662	55	21	30
	11	2	955	51	<10	22
LALR02	8	-8078	--	--	--	--
	9	-3990	4088	56	83	50
	10	-978	3012	48	22	34
	11	0	978	68	<10	22
LALR03	8	-9480	2128	20	104	66
	9	-4899	4581	62	129	50
	10	-1005	3894	37	50	32
	11	0	1005	41	10	22
LALR04	8	-8381	4773	28	114	73
	9	-4176	4205	42	--	50
	10	-1021	3155	47	--	32
	11	3	1024	52	<10	22
LALR05	8	-10396	2595	22	62	84
	9	-5457	4939	57	121	63
	10	-1009	4448	51	66	37
	11	0	1009	77	<10	22

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LALR06	8	-10826	7576	23	97	103
	9	-5527	5299	46	86	64
	10	-1006	4521	43	41	37
	11	0	1006	37	23	22
LALR07	8	-11931	2020	30	181	89
	9	-6176	5755	44	118	74
	10	-1036	5140	51	71	45
	11	0	1036	53	33	23
LALR08	8	-8347	4944	31	135	76
	9	-4147	4200	41	53	47
	10	-1072	3075	51	29	31
	11	6	1078	59	<10	22
LAMA01	2	-2984	506	73	52	43
	3	-2162	822	60	24	39
	4	-2025	137	47	--	35
	5	-883	722	67	<10	29
	6	-217	484	38	<10	23
	11	82	144	58	<10	20
	12	-3490	482	0	--	--
	13	-1605	420	3	--	--
	14	-701	182	0	--	--
	15	-62	155	0	--	--
LAMA02	2	-4628	506	84	--	64
	3	-3128	1500	58	132	58
	4	-2810	318	79	92	53
	5	-1382	979	67	13	43
	6	-571	605	57	<10	30
	11	82	223	--	<10	19
	12	-5134	623	0	--	--
	13	-2361	449	0	--	--
	14	-1176	206	4	--	--
	15	-141	430	0	--	--
LAMO01	2	-2001	121	78	28	35
	3	-1541	460	54	12	33
	4	-1414	127	96	20	31
	5	-164	935	57	<10	25
	6	31	195	52	<10	21
	11	161	130	--	--	19
	12	-2122	457	0	--	--
	13	-1099	315	4	--	--
LAMO02	2	-1595	20	50	--	32
	3	-1179	416	40	<10	31
	4	-1154	25	99	<10	29
	5	-165	680	73	<10	24
	6	-32	133	--	--	21
	11	60	92	--	--	20
	12	-1615	474	0	--	--
	13	-845	309	2	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAMO03	2	-1792	20	50	--	32
	3	-1264	528	78	<10	30
	4	-1219	45	56	--	28
	5	-169	764	59	<10	24
	6	-39	130	--	--	21
	11	76	115	--	--	20
	12	-1812	455	0	--	--
	13	-933	286	0	--	--
LANA01	2	-1093	430	48	<10	36
	3	-628	465	40	--	31
	4	-533	95	46	<10	27
	5	158	363	40	<10	21
	12	-1523	753	0	--	--
	13	-205	328	4	--	--
LANA02	2	-2484	443	40	25	46
	3	-572	1912	35	<10	35
	4	-441	131	73	<10	26
	5	102	321	55	<10	21
	12	-2927	767	0	--	--
	13	-219	222	0	--	--
LANA03	2	-1332	500	56	<10	39
	3	303	1635	45	<10	28
	12	-1832	752	0	--	--
LANA04	2	-4815	660	58	48	71
	3	-2500	2315	45	46	57
	4	-2327	173	39	34	45
	5	-1532	653	62	12	39
	6	-595	717	19	--	30
	7	160	81	--	--	20
	12	-5475	--	--	--	--
	13	-2185	142	0	--	--
	14	-1312	220	0	--	--
	15	79	674	1	--	--
LAOR01	8	-4388	3636	54	155	73
	9	-2560	1828	53	161	49
	10	-800	1760	45	80	33
	11	0	800	42	<10	22
	16	-8024	3029	4	--	--
LAOU01	2	-1510	130	49	21	33
	3	-1140	370	55	--	31
	4	-1070	70	24	--	29
	5	-107	681	51	<10	24
	6	174	94	--	--	19
	12	-1640	644	0	--	--
	13	-788	282	3	--	--
	14	80	187	11	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAOU02	2	-1701	20	50	--	33
	3	-1113	588	42	11	31
	4	-985	128	90	34	28
	5	-133	591	62	<10	23
	6	92	75	--	--	20
	12	-1721	724	0	--	--
	13	-724	261	0	--	--
	14	17	150	--	--	--
LAOU03	2	-1736	20	50	--	35
	3	-1196	540	50	<10	33
	4	-1136	60	92	12	30
	5	-206	678	89	<10	25
	6	-16	30	--	--	20
	11	57	73	--	--	20
	12	-1756	484	0	--	--
	13	-884	252	4	--	--
LAPC01	3	-9892	2745	30	56	84
	7	-4142	3235	46	115	50
	8	-1882	2260	62	59	34
	9	-942	940	37	<10	27
	10	-215	727	32	<10	24
	11	26	241	--	<10	22
	12	-12637	2770	1	--	--
	15	-7377	2515	3	--	--
LAPC02	3	-10170	2070	14	--	85
	5	-9143	292	23	--	74
	7	-4340	3677	48	76	56
	8	-1860	2480	52	27	38
	9	-1075	785	41	<10	29
	10	-285	790	50	<10	24
	11	29	314	99	<10	21
	12	-12240	2950	1	--	--
LAPC03	3	-9435	735	0	--	--
	15	-8017	1126	2	--	--
LAPC03	7	-5073	3762	42	105	63
	8	-2515	2558	72	53	44
	9	-1497	1018	50	<10	33
	10	-380	1117	35	<10	26
	11	23	403	--	<10	21
	15	-8835	2830	2	--	--
LAPL01	8	-6481	4172	59	106	69
	9	-3416	3065	62	106	49
	10	-976	2440	63	36	33
	11	0	976	74	<10	23
	16	-10653	118	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAPL02	8	-8031	6575	35	77	79
	9	-4031	4000	54	87	53
	10	-1031	3000	35	27	35
	11	0	1031	27	<10	24
	16	-14606	964	2	--	--
LAPL03	8	-6688	--	--	--	--
	9	-3557	3131	54	165	53
	10	-1027	2530	70	68	35
	11	0	1027	46	<10	24
LAPL04	8	-9776	--	--	--	--
	9	-5108	4668	51	106	70
	10	-1099	4009	50	47	41
	11	0	1099	31	<10	24
LAPL05	8	-7959	--	--	--	--
	9	-3963	3996	50	68	50
	10	-1040	2923	57	32	37
	11	0	1040	29	<10	24
LAPL06	8	-9869	5537	21	107	82
	9	-5170	4699	45	88	60
	10	-1155	4015	46	22	39
	11	0	1155	8	<10	24
LAPL07	8	-8277	3703	32	88	77
	9	-4084	4193	47	88	56
	10	-1006	3078	49	34	35
	11	0	1006	6	--	23
LAPL08	8	-10981	364	--	--	--
	9	-5681	5300	17	47	65
	10	-1178	4503	36	36	39
	11	0	1178	--	--	24
LAPL09	8	-10080	376	23	132	72
	9	-5275	4805	29	136	59
	10	-1170	4105	37	62	37
	11	0	1170	5	--	24
LAPL10	8	-10179	1070	--	--	--
	9	-5323	4856	29	82	68
	10	-1175	4148	28	93	40
	11	0	1175	24	16	24
LARA01	3	-3710	3438	51	39	74
	4	-3478	232	85	81	53
	5	-2590	552	74	76	45
	6	-1514	806	49	39	34
	7	-120	573	18	<10	23
	8	267	387	25	<10	20
	12	-7148	892	0	--	--
	13	-3142	336	0	--	--
	14	-2320	270	1	--	--
	15	-693	821	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LARA02	3	-5585	--	--	--	--
	4	-5383	202	75	--	58
	5	-4416	534	53	--	53
	6	-3230	885	45	--	46
	7	-1170	1259	39	<10	33
	8	-290	880	47	<10	25
	9	110	400	--	--	21
	10	222	112	--	--	19
	13	-4950	433	1	--	--
	14	-4115	301	1	--	--
	15	-2429	801	2	--	--
LARA03	3	-7793	3250	42	44	72
	5	-6818	485	41	36	62
	6	-5603	808	39	36	55
	7	-2543	2206	47	59	42
	8	-1073	1470	32	<10	31
	9	-358	715	25	<10	25
	10	17	375	35	<10	22
	11	136	119	--	--	20
	12	-11043	1790	5	--	--
	13	-7303	490	0	--	--
	14	-6411	407	0	--	--
	15	-4749	854	1	--	--
LARA04	3	-5334	--	--	--	--
	4	-5149	185	85	88	49
	5	-4175	637	43	59	45
	6	-3147	718	41	32	40
	7	-1317	1210	32	36	31
	8	-467	850	12	--	26
	9	-57	410	--	--	22
	11	71	128	--	--	21
	13	-4812	337	1	--	--
	14	-3865	310	6	--	--
	15	-2527	620	0	--	--
LARA05	3	-7132	--	--	--	--
	5	-6036	650	28	38	62
	6	-4974	740	36	--	54
	7	-2486	1755	47	--	41
	8	-1224	1262	25	20	32
	9	-404	820	--	--	26
	10	-54	350	--	--	22
	11	65	119	--	--	21
	13	-6686	446	1	--	--
	14	-5714	322	0	--	--
	15	-4241	733	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LARI01	2	-1803	20	50	--	34
	3	-1275	528	43	14	32
	4	-1058	217	91	--	29
	5	-168	671	75	<10	24
	6	-13	55	99	<10	20
	11	70	83	--	<10	19
	12	-1823	495	0	--	--
	13	-839	219	2	--	--
	14	-68	100	7	--	--
LARI02	2	-2169	20	50	--	41
	3	-1540	629	45	12	38
	4	-1424	116	99	--	34
	5	-482	641	66	<10	27
	6	-27	316	22	<10	21
	11	85	112	--	--	19
	12	-2189	458	0	--	--
	13	-1123	301	1	--	--
	14	-343	139	9	--	--
LARR01	2	-103	20	50	--	22
	3	221	324	25	--	20
	12	-123	773	0	--	--
LARR02	2	-249	20	50	--	--
	3	118	367	59	--	--
	12	-269	790	0	--	--
LASA01	2	-1223	20	50	--	32
	3	265	1488	59	<10	26
	12	-1243	859	0	--	--
LASA02	2	-763	20	50	--	29
	3	240	1003	63	<10	24
	12	-783	842	0	--	--
LASA03	3	-406	2799	41	11	36
	4	-365	41	99	<10	25
	5	-83	204	81	<10	23
	6	338	243	--	--	20
	12	-3205	--	--	--	--
	13	-287	78	17	--	--
	14	95	178	14	--	--
LASA04	3	-554	3185	53	--	--
	4	-497	57	99	--	--
	5	-164	244	70	--	--
	6	280	284	57	--	--
	12	-3739	935	0	--	--
	13	-408	89	0	--	--
	14	-4	160	9	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LASB01	3	-6704	462	26	40	66
	5	-5812	451	--	--	--
	7	-4272	891	63	114	52
	8	-2659	1613	72	76	44
	9	-1799	860	56	<10	35
	10	-819	980	38	<10	29
	11	0	819	64	<10	23
	12	-7166	1633	1	--	--
	13	-6263	441	8	--	--
	15	-5163	649	5	--	--
LASB02	3	-8695	350	33	50	79
	7	-7233	285	20	--	70
	8	-4279	2954	56	92	67
	9	-2465	1814	52	58	63
	10	-1000	1465	46	34	47
	11	0	1000	61	<10	24
	15	-7518	1177	2	--	--
LASB03	8	-6423	--	--	--	--
	9	-3423	3000	65	25	48
	10	-1031	2392	56	26	34
	11	0	1031	46	<10	24
LASB04	8	-4972	3727	61	110	63
	9	-2899	2073	57	78	45
	10	-1007	1892	62	42	33
	11	0	1007	69	<10	24
	16	-8699	2775	6	--	--
LASC01	8	-5929	4390	50	117	59
	9	-3195	2734	63	105	42
	10	-904	2291	46	23	30
	11	8	912	58	<10	23
	16	-10319	327	0	--	--
LASC02	8	-6674	4396	39	82	78
	9	-3479	3195	40	67	55
	10	-924	2555	60	22	35
	11	0	924	47	<10	23
	16	-11070	1395	3	--	--
LASC03	8	-6880	3520	48	93	64
	9	-3586	3294	52	79	47
	10	-945	2641	48	38	32
	11	1	946	68	<10	23
	16	-10400	2061	4	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LASH01	2	-8971	855	44	--	85
	3	-6564	2407	26	--	74
	5	-5501	290	--	--	--
	7	-2560	2310	64	34	48
	8	-1011	1549	46	<10	33
	9	-391	620	42	<10	24
	10	-1	390	33	<10	20
	11	193	194	--	--	17
	12	-9826	1095	0	--	--
	13	-5791	773	0	--	--
	15	-4870	631	6	--	--
LASH02	2	-7820	765	78	40	75
	3	-5545	2275	28	48	68
	5	-4538	330	18	23	59
	7	-1960	2109	49	26	51
	8	-530	1430	44	<10	38
	9	-30	500	72	<10	18
	10	296	326	--	--	--
	12	-8585	1112	8	--	--
	13	-4868	677	11	--	--
	15	-4069	469	4	--	--
LASH03	2	-8868	464	42	65	77
	3	-6726	2142	24	31	66
	5	-5723	311	--	--	--
	7	-2860	2563	50	67	44
	8	-1089	1771	65	<10	31
	9	-461	628	57	<10	24
	10	0	461	16	<10	21
	11	224	224	99	<10	19
	12	-9332	--	--	--	--
	13	-6034	692	6	--	--
	15	-5423	300	16	--	--
LASH04	3	-7433	2708	24	34	73
	5	-6501	320	--	--	60
	7	-3329	2902	52	50	48
	8	-1291	2038	56	14	33
	9	-651	640	--	--	25
	10	-151	500	--	--	22
	11	112	263	--	--	19
	12	-10141	--	--	--	--
	13	-6821	612	10	--	--
	15	-6231	270	0	--	--
LASJ01	8	-6500	4093	45	114	72
	9	-3420	3080	53	121	53
	10	-980	2440	43	36	36
	11	10	990	74	<10	23
	16	-10593	1336	1	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LASL01	3	-11431	--	--	--	--
	5	-10123	473	27	75	86
	7	-4578	3560	41	108	60
	8	-2235	2343	54	97	48
	9	-1038	1197	36	11	36
	10	-268	770	40	<10	25
	11	26	294	76	<10	19
	13	-10596	835	0	--	--
	15	-8138	1985	2	--	--
LASL02	7	-6838	3000	36	144	57
	8	-3848	2990	63	148	49
	9	-2048	1800	48	64	43
	10	-583	1465	44	<10	30
	11	25	608	87	<10	21
	15	-9838	1147	2	--	--
LASL03	3	-12145	1032	21	61	112
	7	-5484	3815	37	135	64
	8	-2868	2616	65	118	45
	9	-1578	1290	41	<10	33
	10	-405	1173	31	<10	26
	11	20	425	69	<10	21
	15	-9299	2846	2	--	--
LASL04	7	-5551	2542	42	86	55
	8	-3039	2512	52	66	42
	9	-1718	1321	50	24	32
	10	-584	1134	37	<10	26
	11	55	639	84	<10	22
	15	-8093	--	--	--	--
LASM01	8	-9848	3760	35	99	87
	9	-5120	4728	71	148	57
	10	-1111	4009	50	77	34
	11	2	1113	82	<10	23
LASM02	8	-10870	--	--	--	--
	9	-5579	5291	48	83	64
	10	-1128	4451	48	50	39
	11	0	1128	68	<10	23
LASM03	8	-9715	5747	39	158	80
	9	-5038	4677	56	104	61
	10	-1070	3968	53	56	46
	11	0	1070	51	<10	24
LASM04	8	-9128	4708	48	117	83
	9	-4632	4496	52	63	58
	10	-1070	3562	60	35	37
	11	8	1078	64	<10	23

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LASN01	8	-8069	4903	42	106	76
	9	-4059	4010	47	64	56
	10	-1059	3000	38	33	40
	11	0	1059	67	<10	23
LASN02	8	-5742	4306	62	68	60
	9	-3192	2550	65	48	42
	10	-964	2228	59	23	30
	11	19	983	66	<10	22
	16	-10048	--	--	--	--
LAST01	2	-7695	256	99	--	66
	3	-5435	2260	3	53	59
	5	-4740	505	14	--	50
	7	-3163	1477	63	68	48
	8	-1950	1213	61	<10	45
	9	-1255	695	90	<10	36
	10	-568	687	58	<10	29
	11	10	578	43	<10	22
	12	-7951	711	0	--	--
	13	-5245	190	8	--	--
	15	-4640	100	0	--	--
LAST02	3	-7152	--	--	--	--
	5	-6392	530	--	--	--
	7	-3593	2637	59	60	50
	8	-1951	1642	53	<10	38
	9	-1242	709	47	<10	31
	10	-492	750	--	--	27
	11	47	539	--	--	23
	13	-6922	230	0	--	--
	15	-6230	162	19	--	--
LAST03	5	-8093	--	--	--	--
	7	-5431	2372	33	95	58
	8	-2471	2960	66	31	44
	9	-1615	856	69	<10	33
	10	-508	1107	--	--	28
	11	0	508	--	--	23
	15	-7803	290	0	--	--
LAST04	9	-1619	--	--	--	--
	10	-512	1107	55	--	--
	11	6	518	53	--	--
LAST05	2	-7285	842	23	--	81
	3	-6061	1224	6	--	73
	5	-5145	590	12	--	63
	7	-2896	2141	44	52	52
	8	-1615	1281	78	<10	38
	9	-965	650	--	--	31
	10	-315	650	--	--	26
	11	124	439	--	--	21
	12	-8127	1301	4	--	--
	13	-5735	326	5	--	--
	15	-5037	108	89	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAST06	5	-6823	--	--	--	--
	7	-3750	2935	35	40	48
	8	-1743	2007	51	<10	36
	9	-1043	700	33	<10	29
	10	-343	700	--	--	25
	11	45	388	--	--	23
	15	-6685	138	0	--	--
LAST07	7	-5027	1121	32	45	54
	8	-3056	1971	83	51	45
	9	-2063	993	56	<10	36
	10	-828	1235	39	<10	30
	11	2	830	44	<10	24
	15	-6148	5079	0	--	--
LAST08	7	-6754	1440	10	50	62
	8	-3613	3141	52	56	50
	9	-2372	1241	65	<10	38
	10	-799	1573	24	<10	30
	11	0	799	64	<10	24
	15	-8194	6575	1	--	--
LATA01	2	-8318	650	39	36	79
	3	-5868	2450	28	26	68
	5	-5018	430	10	--	55
	7	-2543	2255	40	26	44
	8	-938	1605	46	<10	31
	9	-338	600	--	--	23
	10	32	370	--	--	20
	11	220	188	--	--	18
	12	-8968	910	0	--	--
	13	-5448	420	3	--	--
	15	-4798	220	0	--	--
LATA02	2	-8156	862	26	60	77
	3	-6266	1890	31	99	63
	5	-5576	310	20	--	53
	7	-2864	2543	48	167	44
	8	-1196	1668	48	13	33
	9	-571	625	35	<10	25
	10	-126	445	52	<10	21
	11	130	256	61	<10	19
	12	-9018	--	--	--	--
	13	-5886	380	0	--	--
	15	-5407	169	6	--	--
LATA03	7	-6325	2275	18	48	62
	8	-2815	3510	58	51	47
	9	-1917	898	27	<10	34
	10	-742	1175	63	<10	27
	11	2	744	33	<10	21
	15	-8600	2753	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LATE01	8	-9849	2775	23	112	73
	9	-5179	4670	48	157	56
	10	-1108	4071	43	61	35
	11	0	1108	75	<10	23
LATE02	8	-9580	3723	19	101	74
	9	-5007	4573	50	211	53
	10	-1122	3885	48	116	34
	11	0	1122	89	<10	23
LATE03	9	-6287	5840	54	122	67
	10	-1158	5129	45	74	39
	11	0	1158	--	--	23
LATE04	8	-11381	3092	22	114	94
	9	-5851	5530	52	97	60
	10	-1087	4764	29	69	53
	11	0	1087	72	27	25
LATE05	8	-10588	3888	34	134	84
	9	-5576	5012	48	69	69
	10	-1142	4434	50	34	52
	11	1	1143	73	<10	25
LATE06	8	-11878	5059	26	68	106
	9	-6103	5775	37	98	74
	10	-1158	4945	39	61	42
	11	0	1158	53	31	23
LATE07	8	-11100	6767	9	53	103
	9	-5776	5324	40	92	69
	10	-1140	4636	52	42	40
	11	0	1140	63	<10	23
LATE08	8	-11118	1016	24	72	89
	9	-5776	5342	36	134	75
	10	-1145	4631	41	55	54
	11	0	1145	62	<10	25
LATS01	2	-5710	570	62	51	67
	3	-3710	2000	61	51	63
	4	-3390	320	88	31	59
	5	-1814	966	75	36	46
	6	-942	668	57	<10	34
	7	-45	310	34	--	22
	11	80	125	--	--	19
	12	-6280	880	0	--	--
	13	-2780	610	0	--	--
	14	-1610	204	1	--	--
	15	-355	587	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LATS02	2	-5258	663	76	67	65
	3	-3365	1893	64	65	54
	4	-3105	260	83	55	46
	5	-1620	1028	60	39	37
	6	-910	535	45	11	29
	7	-90	200	32	--	21
	11	62	152	99	<10	19
	12	-5921	664	0	--	--
	13	-2648	457	0	--	--
	14	-1445	175	0	--	--
	15	-290	620	0	--	--
LATS03	2	-5316	--	--	--	--
	3	-3252	2064	54	31	50
	4	-3081	171	87	46	42
	5	-1704	961	74	20	35
	6	-966	535	47	--	28
	7	-89	408	--	--	21
	11	60	149	--	--	19
	13	-2665	416	0	--	--
	14	-1501	203	0	--	--
	15	-497	469	0	--	--
LATS04	3	-3481	--	--	--	--
	5	-2142	856	73	30	37
	6	-1348	598	72	15	31
	7	-141	795	36	<10	23
	8	-96	45	--	--	20
	11	73	169	--	--	19
	13	-2998	483	0	--	--
	14	-1946	196	0	--	--
	15	-936	412	0	--	--
LATS05	2	-5496	719	63	47	60
	3	-3546	1950	40	49	52
	4	-3267	279	34	--	45
	5	-1918	938	47	24	39
	6	-1109	620	50	--	32
	7	-110	562	52	<10	23
	11	60	170	35	<10	20
	12	-6215	1032	0	--	--
	13	-2856	411	0	--	--
	14	-1729	189	3	--	--
	15	-672	437	0	--	--
LAUN01	2	-1199	91	99	37	35
	3	-955	244	32	--	33
	4	-935	20	50	--	31
	5	-30	605	56	<10	23
	6	208	153	--	--	16
	12	-1290	535	0	--	--
	13	-635	300	13	--	--
	14	55	85	12	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAUN02	2	-1172	55	73	--	32
	3	-909	263	35	--	30
	4	-884	25	99	<10	29
	5	-119	494	54	<10	23
	6	134	93	--	--	19
	12	-1227	582	4	--	--
	13	-613	271	6	--	--
	14	41	160	18	--	--
LAUN03	2	-1158	97	75	15	29
	3	-910	248	22	--	28
	4	-883	27	99	<10	27
	5	-8	623	78	<10	23
	6	180	143	76	<10	20
	12	-1255	643	0	--	--
	13	-631	252	18	--	--
	14	37	45	11	--	--
LAUN04	2	-1227	130	99	35	30
	3	-935	292	26	--	29
	4	-867	68	99	37	27
	5	-27	583	43	<10	23
	6	195	114	--	--	20
	12	-1357	620	0	--	--
	13	-610	257	12	--	--
	14	81	108	5	--	--
LAUN05	2	-1217	20	50	--	31
	3	-935	282	23	--	30
	4	-880	55	99	<10	28
	5	-20	510	55	<10	23
	6	210	90	--	--	19
	12	-1237	543	0	--	--
	13	-530	350	7	--	--
	14	120	140	45	--	--
LAUN06	2	-1321	118	66	<10	32
	3	-1046	275	44	<10	30
	4	-1026	20	50	--	29
	5	-29	723	60	<10	24
	6	110	139	--	<10	20
	12	-1439	539	0	--	--
	13	-752	274	0	--	--
LAVE01	8	-7121	5260	55	103	70
	9	-3671	3450	58	68	49
	10	-1005	2666	55	45	34
	11	8	1013	77	<10	23

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAVE02	8	-8483	2498	50	155	70
	9	-4439	4044	54	68	60
	10	-1055	3384	50	49	37
	11	0	1055	82	<10	24
LAVE03	8	-9395	6081	33	123	93
	9	-5040	4355	50	123	62
	10	-1058	3982	52	65	37
	11	0	1058	52	<10	23
LAVE04	8	-9771	3523	24	88	84
	9	-5286	4485	41	92	62
	10	-1066	4220	49	48	38
	11	3	1069	79	<10	23
LAVE05	8	-9636	4344	19	69	80
	9	-5269	4367	35	106	61
	10	-1068	4201	56	45	44
	11	3	1071	46	<10	24
LAVE06	8	-6788	4061	50	128	68
	9	-3523	3265	71	118	48
	10	-973	2550	54	39	33
	11	15	988	77	<10	23
	16	-10849	1609	0	--	--
LAVN01	3	-4115	3690	44	68	61
	4	-3958	157	81	98	48
	5	-3073	521	60	47	43
	6	-1861	986	43	12	37
	7	-350	758	26	<10	26
	8	334	684	30	<10	22
	12	-7805	--	--	--	--
	13	-3594	364	0	--	--
	14	-2847	226	9	--	--
	15	-1108	753	0	--	--
LAVN02	3	-4040	4060	45	79	61
	5	-3323	377	44	76	52
	6	-1980	1045	34	49	49
	7	-490	741	17	<10	31
	8	335	825	27	<10	21
	12	-8100	1056	0	--	--
	13	-3700	340	0	--	--
	14	-3025	298	0	--	--
	15	-1231	749	0	--	--
LAVN03	3	-5991	3617	40	32	78
	5	-5271	271	49	86	58
	6	-3701	1057	38	35	48
	7	-1147	1644	26	<10	34
	8	-11	1136	39	<10	25
	9	230	241	--	--	21
	12	-9608	243	0	--	--
	13	-5542	449	0	--	--
	14	-4758	513	0	--	--
	15	-2791	910	1	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAVN04	3	-7119	3448	37	68	80
	5	-6422	285	33	54	76
	6	-4734	998	40	48	68
	7	-1662	2140	42	21	54
	8	-242	1420	41	<10	35
	9	48	290	40	<10	21
	10	220	172	99	<10	17
	12	-10567	429	0	--	--
	13	-6707	412	0	--	--
	14	-5732	690	0	--	--
	15	-3802	932	1	--	--
LAVN05	3	-6666	--	--	--	--
	5	-5755	559	21	--	62
	6	-4359	1085	24	41	55
	7	-1663	1738	40	29	39
	8	-264	1399	--	<10	28
	9	161	425	--	--	22
	10	220	59	--	--	20
	13	-6314	352	0	--	--
	14	-5444	311	0	--	--
	15	-3401	958	1	--	--
LAWA01	2	-7193	500	49	56	73
	3	-4818	2375	31	43	62
	5	-4118	240	--	--	--
	7	-1888	1980	43	21	39
	8	-628	1260	--	--	27
	9	-128	500	--	--	20
	10	160	288	--	--	17
	12	-7693	993	0	--	--
	13	-4358	460	1	--	--
	15	-3868	250	8	--	--
LAWA02	2	-4995	810	22	31	62
	3	-3062	1933	30	27	54
	5	-2330	295	5	--	44
	7	-841	1314	56	<10	36
	8	-63	778	28	<10	21
	9	102	165	40	<10	14
	12	-5805	816	5	--	--
	13	-2625	437	0	--	--
	15	-2155	175	0	--	--
LAWA03	2	-6048	792	33	54	63
	3	-4052	1996	32	50	54
	5	-3428	200	--	--	--
	7	-1384	1844	58	<10	39
	8	-386	998	61	<10	25
	9	57	443	55	<10	18
	10	294	237	--	--	14
	12	-6840	848	1	--	--
	13	-3628	424	0	--	--
	15	-3228	200	23	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
LAWA04	2	-7125	760	49	32	60
	3	-5303	1822	22	--	50
	5	-4665	255	--	--	--
	7	-2445	2125	42	31	36
	8	-1075	1370	63	<10	27
	9	-470	605	70	<10	23
	10	-93	377	36	<10	20
	11	111	204	85	<10	19
	12	-7885	1186	6	--	--
	13	-4920	383	0	--	--
	15	-4570	95	0	--	--
LAWA05	2	-5397	803	38	29	61
	3	-3699	1698	24	28	51
	5	-2842	585	--	--	--
	7	-1272	1405	52	<10	32
	8	-472	800	--	--	24
	9	-47	425	--	--	19
	10	87	134	--	--	17
	12	-6200	940	3	--	--
	13	-3427	272	0	--	--
	15	-2677	165	0	--	--
LAWB01	3	-10765	1210	7	--	94
	7	-4763	3817	43	102	68
	8	-2195	2568	57	40	49
	9	-1450	745	42	<10	34
	10	-615	835	24	<10	27
	11	40	655	64	<10	20
	12	-11975	2800	0	--	--
	15	-8580	2185	0	--	--
LAWC01	2	-1936	340	69	28	46
	3	-1584	352	54	<10	44
	4	-1512	72	99	<10	44
	5	-273	880	45	<10	34
	6	-9	264	45	<10	21
	11	100	109	--	--	17
	12	-2276	421	0	--	--
	13	-1153	359	7	--	--
LAWC02	2	-1898	250	54	12	30
	3	-1524	374	48	--	29
	4	-1484	40	38	--	28
	5	-494	664	55	<10	24
	6	-23	353	80	<10	21
	11	97	120	--	--	20
	12	-2148	356	0	--	--
	13	-1158	326	0	--	--
	14	-376	118	12	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
LAW01	2	-891	93	99	<10	29
	3	-434	457	50	<10	27
	4	-414	20	50	--	25
	5	124	365	63	<10	21
	12	-984	635	0	--	--
	13	-241	173	16	--	--
	14	265	141	--	--	--
LAW02	2	-996	72	81	<10	30
	3	-633	363	35	<10	28
	4	-522	111	76	<10	26
	5	127	337	57	<10	21
	12	-1068	664	0	--	--
	13	-210	312	12	--	--
	14	208	81	--	--	--
LAW03	2	-313	20	50	--	24
	3	70	383	27	--	22
	4	104	34	99	<10	20
	12	-333	789	0	--	--
	13	205	101	--	--	--
LAWF01	3	-8046	3232	43	78	86
	5	-7156	202	64	89	70
	7	-3325	2611	52	70	53
	8	-1491	1834	52	29	37
	9	-652	839	35	<10	27
	10	-128	524	48	<10	22
	11	40	168	--	--	19
	12	-11278	2227	0	--	--
	13	-7358	688	3	--	--
	15	-5936	1220	6	--	--
LAWF02	3	-7137	--	--	--	--
	5	-6290	500	19	19	62
	6	-5613	284	27	29	57
	7	-2620	2450	46	75	45
	8	-990	1630	30	37	31
	9	-290	700	--	--	24
	10	150	440	--	--	20
	11	295	145	--	--	18
	13	-6790	347	1	--	--
	14	-5897	393	2	--	--
	15	-5070	543	0	--	--
LAWF03	3	-7890	--	--	--	--
	5	-6940	242	6	--	55
	7	-3225	2722	51	44	44
	8	-1410	1815	47	20	32
	9	-660	750	46	<10	26
	10	-60	600	--	--	22
	11	230	290	--	--	20
	13	-7182	708	3	--	--
	15	-5947	993	5	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
LAWI01	2	-1661	670	52	17	40
	3	-716	945	37	<10	33
	4	-636	80	79	<10	27
	5	59	530	45	<10	23
	12	-2331	830	0	--	--
	13	-471	165	0	--	--
	14	169	110	12	--	--
LAWI02	3	-1161	--	--	--	--
	4	-1053	108	99	13	30
	5	-161	673	59	<10	25
	6	180	211	--	--	20
	13	-834	219	6	--	--
	14	-31	130	9	--	--
L70001	9	-4359	3150	21	58	60
	10	-1059	3300	48	52	37
	11	-53	1006	47	12	26
	17	-7509	1849	7	--	--
L70002	8	-6217	3825	49	172	69
	9	-3005	3212	62	141	46
	10	-922	2083	17	70	33
	11	-13	909	36	--	25
	16	-10042	1040	4	--	--
L70101	9	-3371	2905	19	--	57
	10	-1006	2365	44	48	39
	11	-59	947	48	32	28
	17	-6276	470	3	--	--
L70102	9	-4878	2965	10	85	55
	10	-1113	3765	48	90	34
	11	-102	1011	20	59	30
	17	-7843	14	0	--	--
L70201	9	-5471	5590	21	--	--
	10	-1151	4320	--	--	--
	11	-152	999	--	--	--
L70202	9	-5640	771	--	--	--
	10	-1190	4450	33	21	45
	11	-297	893	--	--	27
L70301	9	-5590	5345	31	--	--
	10	-1140	4450	43	46	45
	11	-102	1038	85	34	28

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
L70302	9	-5412	3265	24	--	--
	10	-1092	4320	64	--	--
	11	-53	1039	--	--	--
L70303	8	-9440	2372	11	93	91
	9	-5160	4280	20	60	71
	10	-1065	4095	54	--	44
	11	-17	1048	--	--	27
L70401	9	-5802	--	--	--	--
	10	-1142	4660	34	42	50
	11	-162	980	63	--	27
L70402	9	-5963	1255	--	--	--
	10	-1213	4750	34	30	46
	11	-294	919	37	--	30
L70501	8	-9709	3760	21	236	83
	9	-5309	4400	30	199	69
	10	-1069	4240	54	116	54
	11	0	1069	43	<10	27
L70502	9	-5733	3690	31	107	62
	10	-1148	4585	48	71	44
	11	-99	1049	25	14	27
L70503	8	-10416	273	--	--	--
	9	-5516	4900	21	90	75
	10	-1086	4430	32	68	51
	11	-7	1079	33	21	28
L70601	9	-5901	4664	26	87	70
	10	-1141	4760	44	64	47
	11	-152	989	--	--	26
L70602	10	-1185	4803	21	29	--
	11	-244	941	--	--	26
L70701	8	-10173	1250	20	--	--
	9	-5373	4800	42	--	--
	10	-1073	4300	51	--	--
	11	-17	1056	--	--	--
L70702	8	-11869	1790	25	--	--
	9	-5924	5945	30	78	73
	10	-1139	4785	37	62	43
	11	-102	1037	31	32	26

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
L70703	8	-11110	--	--	--	--
	9	-5725	5385	35	100	69
	10	-1145	4580	43	58	51
	11	-46	1099	0	--	27
L70801	10	-1223	4524	9	82	49
	11	-251	972	--	--	29
L70802	9	-6268	3300	24	69	67
	10	-1268	5000	30	--	45
	11	-175	1093	37	--	29
L70901	9	-6573	3300	22	139	60
	10	-1223	5350	38	101	41
	11	-69	1154	--	--	27
L70902	8	-11123	200	73	107	82
	9	-5743	5380	39	124	64
	10	-1143	4600	48	48	43
	11	-33	1110	89	<10	27
L70903	8	-10713	1010	--	--	--
	9	-5513	5200	41	48	62
	10	-1083	4430	47	32	40
	11	-7	1076	53	<10	27
L70904	8	-12456	2435	26	196	93
	9	-6381	6075	35	194	71
	10	-1191	5190	54	139	42
	11	-79	1112	--	--	28
L71001	9	-6663	1620	7	62	60
	10	-1263	5400	44	56	46
	11	-198	1065	29	21	26
L71002	10	-1277	2950	21	39	48
	11	-304	973	--	--	28
L71101	8	-11918	--	--	--	--
	9	-6108	5810	53	55	74
	10	-1108	5000	55	45	45
	11	-3	1105	26	16	29
L71102	8	-12328	540	19	--	--
	9	-6348	5980	46	136	71
	10	-1143	5205	44	77	60
	11	-13	1130	55	17	29

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
L71103	9	-6732	--	--	--	--
	10	-1277	5455	31	53	47
	11	-53	1224	64	30	29
L71104	8	-11193	--	--	--	--
	9	-5803	5390	46	110	65
	10	-1103	4700	52	85	38
	11	-3	1100	49	--	28
L71201	9	-6929	3565	19	--	68
	10	-1279	5650	25	42	42
	11	-162	1117	--	--	23
L71202	9	-6744	2155	18	99	--
	10	-1239	5505	29	73	47
	11	-182	1057	--	--	24
L71203	10	-1287	4520	24	--	--
	11	-383	904	--	--	23
L71301	9	-6397	5855	39	--	74
	10	-1142	5255	40	30	51
	11	-13	1129	--	34	29
L71501	9	-6338	--	--	--	--
	10	-1093	5245	56	120	42
	11	-3	1090	40	29	27
L71502	8	-12305	450	19	--	--
	9	-6385	5920	36	78	69
	10	-1135	5250	37	51	42
	11	-46	1089	--	--	27
L71503	8	-12366	600	18	--	--
	9	-6366	6000	44	106	76
	10	-1161	5205	35	65	54
	11	-3	1158	33	--	27
L71504	9	-6785	6330	27	82	70
	10	-1235	5550	20	36	42
	11	-66	1169	--	32	27
L71505	9	-6711	5400	26	104	98
	10	-1211	5500	15	71	55
	11	-132	1079	27	26	33
L71601	9	-6928	500	--	--	--
	10	-1278	5650	15	27	--
	11	-185	1093	26	28	23

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
L71602	10	-1293	4115	23	--	43
	11	-396	897	--	--	26
L71603	10	-1246	4560	9	22	41
	11	-251	995	16	--	24
L71701	8	-12108	700	42	54	90
	9	-6298	5810	26	52	68
	10	-1133	5165	44	52	40
	11	-99	1034	17	32	27
L71901	9	-5669	5190	26	95	67
	10	-1154	4515	47	74	39
	11	-56	1098	--	15	30
L71902	8	-12117	--	--	--	--
	9	-6302	5815	28	134	74
	10	-1142	5160	38	59	45
	11	-139	1003	--	--	30
L72001	8	-12547	--	--	--	--
	9	-6537	6010	5	94	81
	10	-1197	5340	0	--	47
	11	-396	801	--	--	31
L72101	8	-10013	1760	10	120	98
	9	-5213	4800	30	95	66
	10	-1103	4110	28	65	46
	11	-3	1100	27	12	28
L72102	8	-10963	210	--	--	--
	9	-5643	5320	14	69	64
	10	-1133	4510	17	38	44
	11	-3	1130	0	--	29
L72103	8	-10773	850	--	--	--
	9	-5573	5200	17	147	70
	10	-1123	4450	26	145	40
	11	-3	1120	9	--	30
L72104	8	-10929	1040	--	--	--
	9	-5679	5250	10	41	66
	10	-1179	4500	8	95	44
	11	-323	856	--	--	31
L72201	8	-12193	2820	21	77	97
	9	-6333	5860	12	72	75
	10	-1183	5150	--	--	47
	11	-370	813	--	--	31

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
L72301	9	-5212	4695	13	122	68
	10	-1097	4115	12	116	41
	11	-50	1047	--	--	30
L72401	8	-5615	1285	--	--	--
	9	-3115	2500	15	56	54
	10	-900	2215	26	29	40
	11	-210	690	--	13	29
L72402	8	-5450	960	--	--	--
	9	-3050	2400	1	--	--
	10	-896	2154	31	32	37
	11	-300	596	--	--	30
L72501	8	-6413	4000	18	--	66
	9	-3413	3000	59	45	46
	10	-958	2455	45	37	36
	11	0	958	31	--	29
	16	-10413	610	4	--	--
L72502	8	-6739	1770	--	--	--
	9	-3839	3900	19	56	--
	10	-929	2910	29	31	41
	11	-60	869	--	--	28
L72601	8	-8118	2500	13	73	76
	9	-3983	4135	43	36	54
	10	-943	3040	56	24	38
	11	-3	940	37	<10	29
L72701	8	-5225	3830	24	119	56
	9	-2975	2250	53	--	49
	10	-950	2025	35	--	40
	11	-15	935	1	--	27
	16	-9055	495	2	--	--
MODU01	1	-417	--	--	--	--
	2	53	95	99	--	--
	3	146	93	--	--	--
	4	380	234	--	--	--
	12	-42	375	0	--	--
MODU02	1	-465	--	--	--	--
	2	-15	108	--	--	--
	3	22	37	--	--	--
	4	272	250	46	--	--
	11	305	33	97	--	--
	12	-123	342	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MODU03	1	-1179	--	--	--	--
	2	-378	255	99	<10	24
	3	-315	63	--	--	22
	4	91	406	79	<10	19
	11	247	156	--	<10	15
	12	-633	546	0	--	--
MODU04	2	-512	155	99	--	--
	3	-422	90	99	--	--
	4	-147	275	31	--	--
	5	43	190	99	--	--
	11	267	224	--	--	--
	12	-667	--	--	--	--
MODU05	1	-1552	--	--	--	--
	2	-754	270	96	--	--
	3	-608	146	21	--	--
	4	-284	324	99	--	--
	5	-79	205	55	--	--
	11	246	174	99	--	--
	12	-1024	528	0	--	--
	14	72	151	0	--	--
MOMS01	1	-860	246	99	--	--
	2	-402	122	99	--	--
	3	-336	66	18	--	--
	4	-156	180	88	--	--
	5	12	168	12	--	--
	11	293	281	99	--	--
	12	-524	336	0	--	--
MOMS02	1	-420	--	--	--	--
	2	-146	28	99	--	--
	3	-88	58	24	--	--
	4	200	288	83	--	--
	11	315	115	--	--	--
	12	-174	246	0	--	--
MONM01	1	-744	275	93	--	--
	2	-362	108	99	--	--
	3	-248	114	79	--	--
	4	95	343	42	--	--
	11	269	174	--	--	--
	12	-470	274	0	--	--
MONM02	1	-1402	332	87	--	--
	2	-906	150	99	--	--
	3	-766	140	43	--	--
	4	-461	305	99	--	--
	5	-311	150	99	--	--
	6	154	333	49	--	--
	11	284	130	--	--	--
	12	-1056	346	0	--	--
	14	-179	132	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
MONM03	1	-966	284	87	--	--
	2	-565	127	84	--	--
	3	-440	125	62	--	--
	4	-223	217	76	--	--
	5	-33	190	25	--	--
	6	170	85	99	--	--
	11	302	132	--	--	--
	12	-692	274	0	--	--
	14	85	118	0	--	--
MOPE01	1	-1858	--	--	--	--
	2	-933	405	99	--	--
	3	-776	157	16	--	--
	4	-400	376	76	--	--
	5	-263	137	87	--	--
	6	80	184	44	--	--
	11	255	175	--	--	--
	12	-1338	520	0	--	--
	14	-104	159	0	--	--
MOPE02	1	-1364	426	85	--	--
	2	-601	332	99	--	--
	3	-463	138	32	--	--
	4	-59	404	77	--	--
	5	11	70	--	--	--
	11	266	210	--	--	--
	12	-933	431	0	--	--
	14	56	45	--	--	--
MOPE03	4	-410	--	--	--	--
	5	-210	200	63	--	--
	6	117	209	49	--	--
	11	276	159	--	--	--
	14	-92	118	0	--	--
MOSC01	2	3	62	99	--	--
	3	55	52	27	--	--
	4	121	66	99	--	--
	11	325	204	99	--	--
	12	-59	--	--	--	--
MOST01	11	348	--	--	--	--
MOST02	1	10	242	--	--	--
	11	300	52	--	--	--
	12	248	238	--	--	--
MOST03	1	226	138	75	--	--
	12	354	128	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSAD01	2	-6922	480	44	28	53
	3	-4002	2920	25	56	49
	5	-2752	815	45	56	39
	6	-2042	530	38	22	34
	7	-627	895	33	<10	26
	8	-52	575	45	<10	21
	9	208	260	70	<10	18
	12	-7402	950	0	--	--
	13	-3567	435	0	--	--
	14	-2572	180	0	--	--
	15	-1522	520	0	--	--
MSAM01	2	-7501	297	76	51	72
	3	-4611	2890	43	51	65
	5	-3478	610	41	44	54
	6	-3078	260	37	39	51
	7	-1218	1480	27	17	44
	8	-228	990	47	<10	26
	9	107	335	34	<10	16
	10	299	192	36	<10	--
	12	-7798	1515	1	--	--
	13	-4088	523	0	--	--
	14	-3338	140	0	--	--
	15	-2698	380	0	--	--
MSAM02	2	-7373	870	45	--	105
	3	-5083	2290	22	31	87
	5	-4118	735	18	--	68
	6	-3913	80	38	--	61
	7	-1693	1920	45	20	47
	8	-393	1300	47	<10	28
	9	52	445	59	<10	19
	10	341	289	61	<10	14
	12	-8243	1020	5	--	--
	13	-4853	230	0	--	--
	14	-3993	125	4	--	--
	15	-3613	300	0	--	--
MSAM03	3	-5681	--	--	--	--
	5	-4551	570	19	50	50
	6	-4241	145	45	52	46
	7	-1816	2155	31	26	37
	8	-396	1420	67	<10	25
	9	39	435	1	--	19
	10	369	330	21	--	17
	13	-5121	560	0	--	--
	14	-4386	165	0	--	--
	15	-3971	270	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSAM04	2	-7143	270	43	--	72
	3	-4123	3020	30	75	60
	5	-3003	720	30	62	43
	6	-2743	155	45	55	39
	7	-973	1480	42	<10	31
	8	7	980	27	--	22
	9	212	205	9	--	17
	10	405	193	74	--	16
	12	-7413	1150	0	--	--
	13	-3723	400	0	--	--
	14	-2898	105	10	--	--
	15	-2453	290	0	--	--
MSAM05	3	-4070	--	--	--	--
	5	-2940	720	32	16	45
	6	-2660	165	61	13	40
	7	-915	1445	27	<10	31
	8	40	955	28	<10	21
	9	240	200	10	--	17
	10	432	192	85	--	15
	13	-3660	410	0	--	--
	14	-2825	115	9	--	--
	15	-2360	300	0	--	--
MSAT01	2	-834	260	50	<10	26
	3	-159	675	21	<10	23
	4	201	360	24	<10	20
	5	319	58	57	<10	18
	12	-1094	1065	0	--	--
	13	261	60	17	--	--
MSAT02	2	-247	255	94	--	--
	3	363	610	24	--	--
	4	503	140	50	--	--
	12	-502	765	0	--	--
MSAT03	2	-542	435	80	<10	31
	3	-227	315	51	<10	26
	4	278	505	36	<10	20
	12	-977	735	0	--	--
MSAT04	2	-64	220	55	--	--
	3	485	549	9	--	--
	12	-284	810	0	--	--
MSBE01	1	-123	184	92	--	--
	2	279	57	53	--	--
	3	465	186	5	--	--
	4	613	148	93	--	--
	12	222	345	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
MSB001	2	-2103	430	51	<10	33
	3	-1613	490	26	<10	30
	4	-883	730	49	<10	26
	5	-143	640	68	<10	21
	6	27	100	50	--	18
	11	155	128	86	--	17
	12	-2533	855	0	--	--
	13	-783	100	10	--	--
	14	-73	70	0	--	--
MSB002	2	-2246	430	49	14	39
	3	-1656	590	25	<10	35
	4	-996	660	57	<10	29
	5	-266	670	82	<10	22
	6	24	220	9	--	17
	11	144	120	85	--	16
	12	-2676	780	0	--	--
	13	-936	60	17	--	--
	14	-196	70	0	--	--
MSB003	2	-2464	460	42	25	35
	3	-1984	480	19	--	32
	4	-1044	940	47	<10	28
	5	-254	680	42	<10	22
	6	-14	130	38	--	18
	11	128	142	87	--	17
	12	-2924	870	0	--	--
	13	-934	110	9	--	--
	14	-144	110	18	--	--
MSCA01	12	316	290	0	--	--
MSCK01	2	-773	400	89	--	25
	3	62	835	33	--	20
	4	317	255	41	--	16
	5	417	60	29	--	14
	12	-1173	720	3	--	--
	13	357	40	25	--	--
MSCK02	2	-1782	320	94	<10	31
	3	-572	1210	36	<10	26
	4	-297	275	18	<10	21
	5	-22	200	42	<10	19
	6	148	100	20	--	18
	12	-2102	890	1	--	--
	13	-222	75	7	--	--
	14	48	70	0	--	--
	15	266	118	4	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSCL01	2	-5647	850	68	45	62
	3	-3597	2050	32	27	59
	4	-3327	270	89	19	50
	5	-1697	950	47	<10	40
	6	-937	570	32	<10	31
	7	173	580	18	<10	20
	8	313	140	5	--	16
	12	-6497	980	0	--	--
	13	-2647	680	1	--	--
	14	-1507	190	0	--	--
	15	-407	530	2	--	--
MSC001	2	-1512	170	94	<10	31
	3	-1002	510	24	<10	28
	4	-362	640	70	<10	23
	5	8	270	74	<10	18
	11	163	155	89	--	16
	12	-1682	945	0	--	--
	13	-262	100	0	--	--
MSC002	2	-1290	420	99	<10	35
	3	-1050	240	13	--	29
	4	-300	750	58	<10	21
	5	-30	180	99	<10	--
	11	166	196	91	<10	--
	12	-1710	850	0	--	--
	13	-210	90	22	--	--
MSCP01	2	-5531	920	52	88	66
	3	-3496	2035	45	84	59
	4	-3156	340	56	37	54
	5	-1631	875	47	<10	48
	6	-1091	460	20	<10	39
	7	44	680	22	<10	18
	8	359	315	16	<10	--
	12	-6451	970	0	--	--
	13	-2506	650	0	--	--
	14	-1551	80	0	--	--
	15	-636	455	0	--	--
MSCP02	2	-5811	610	30	53	61
	3	-3406	2405	31	61	50
	4	-3106	300	33	<10	41
	5	-1686	800	38	<10	33
	6	-1201	405	25	<10	28
	7	-91	690	22	<10	21
	8	219	310	32	--	18
	12	-6421	850	0	--	--
	13	-2486	620	0	--	--
	14	-1606	80	0	--	--
	15	-781	420	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
MSCP03	2	-5855	810	54	69	63
	3	-3680	2175	58	70	52
	4	-3345	335	64	25	43
	5	-1685	1000	34	<10	34
	6	-1015	575	37	<10	27
	7	-5	600	9	--	20
	8	255	260	54	<10	17
	12	-6665	960	0	--	--
	13	-2685	660	0	--	--
	14	-1590	95	0	--	--
	15	-605	410	0	--	--
MSCP04	2	-5851	840	25	--	62
	3	-3321	2530	29	28	50
	5	-1861	920	28	<10	34
	6	-1326	455	33	<10	29
	7	-11	905	67	<10	22
	8	365	376	34	<10	17
	12	-6691	840	0	--	--
	13	-2781	540	0	--	--
	14	-1781	80	13	--	--
	15	-916	410	2	--	--
MSCR01	2	-444	435	55	<10	33
	3	-29	415	39	<10	--
	4	325	354	47	<10	--
	12	-879	755	0	--	--
MSCR02	2	-935	470	87	<10	26
	3	-405	530	70	<10	22
	4	75	480	94	<10	18
	5	405	280	24	<10	14
	12	-1405	800	0	--	--
	13	125	50	0	--	--
MSCR03	2	-1539	340	56	<10	30
	3	-989	550	15	--	26
	4	-299	690	30	<10	22
	5	31	230	28	--	18
	11	121	90	80	--	16
	12	-1879	820	0	--	--
	13	-199	100	0	--	--
MSCR04	2	-936	315	54	<10	25
	3	-351	585	50	<10	22
	4	109	460	23	<10	18
	5	252	103	64	--	16
	12	-1251	810	1	--	--
	13	149	40	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
MSCT01	2	-50	110	82	<10	21
	3	370	420	5	--	20
	12	-160	665	0	--	--
MSCT02	2	307	160	69	<10	19
	3	447	140	10	--	18
	12	147	650	0	--	--
MSCV01	2	-4496	930	48	77	51
	3	-2706	1790	27	22	41
	4	-2126	580	26	<10	34
	5	-1316	600	48	<10	29
	6	-946	295	25	<10	26
	7	84	690	72	<10	21
	8	396	312	82	<10	17
	12	-5426	820	1	--	--
	13	-1916	210	0	--	--
	14	-1241	75	0	--	--
	15	-606	340	1	--	--
MSCV02	2	-4452	793	37	48	45
	3	-2445	2007	24	39	40
	5	-1460	520	33	<10	32
	6	-1090	300	53	<10	28
	7	-55	790	31	<10	22
	8	285	340	25	--	17
	12	-5245	920	0	--	--
	13	-1980	465	6	--	--
	14	-1390	70	21	--	--
	15	-845	245	0	--	--
MSDS01	1	-2315	150	99	<10	34
	2	-1110	375	87	<10	30
	3	-810	300	25	<10	29
	4	-260	550	89	<10	25
	5	20	280	95	<10	18
	11	210	150	88	<10	14
	12	-1485	830	0	--	--
	14	60	40	0	--	--
MSDS02	2	-1102	215	81	--	--
	3	-679	423	13	--	--
	4	-125	554	74	--	--
	5	183	308	75	--	--
	12	-1317	--	--	--	--
	14	243	60	0	--	--
MSF001	2	-4233	690	48	48	46
	3	-2333	1900	22	47	39
	5	-1673	365	20	16	31
	7	-438	1085	41	<10	26
	8	52	490	64	<10	21
	9	165	113	4	--	19
	12	-4923	840	2	--	--
	13	-2038	295	5	--	--
	15	-1523	150	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSFO02	2	-4043	835	58	32	52
	3	-1958	2085	23	22	43
	5	-1198	340	--	--	--
	7	-178	810	61	<10	24
	8	182	360	47	<10	18
	12	-4878	850	0	--	--
	13	-1538	420	10	--	--
	15	-988	210	0	--	--
MSFO03	2	-3751	860	38	104	58
	3	-1851	1900	23	43	50
	5	-1091	340	44	--	35
	7	-191	745	50	<10	24
	8	229	420	57	<10	14
	12	-4611	775	0	--	--
	13	-1431	420	12	--	--
	15	-936	155	0	--	--
MSFR01	2	-6985	310	47	44	68
	3	-4075	2910	37	39	57
	5	-2785	870	39	40	41
	6	-2350	325	43	22	36
	7	-665	1290	24	<10	27
	8	35	700	7	--	20
	9	210	175	39	--	17
	12	-7295	1430	2	--	--
	13	-3655	420	0	--	--
	14	-2675	110	0	--	--
	15	-1955	395	0	--	--
MSFR02	3	-3993	--	--	--	--
	5	-2673	860	63	67	42
	6	-2233	330	33	--	37
	7	-613	1235	25	<10	27
	8	47	660	8	--	20
	9	205	158	44	--	17
	13	-3533	460	2	--	--
	14	-2563	110	0	--	--
	15	-1848	385	0	--	--
MSGE01	2	-4186	350	71	--	46
	3	-2661	1525	7	20	40
	4	-2226	435	37	19	35
	5	-1796	220	--	--	--
	7	-491	1155	29	<10	26
	8	29	520	23	--	21
	9	92	63	5	--	19
	12	-4536	810	3	--	--
	13	-2016	210	10	--	--
	15	-1646	150	7	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSGEO2	2	-4298	240	42	56	57
	3	-2728	1570	8	25	51
	4	-2258	470	37	28	45
	5	-1848	210	--	--	--
	7	-433	1170	29	<10	33
	8	112	545	8	--	18
	9	182	70	9	--	--
	12	-4538	780	4	--	--
	13	-2058	200	0	--	--
	15	-1603	245	4	--	--
MSGEO3	2	-4326	200	95	--	56
	3	-2946	1380	6	--	51
	4	-2636	310	35	23	47
	5	-2246	155	--	--	--
	7	-846	1330	21	<10	39
	8	-166	680	40	--	26
	9	66	232	80	--	--
	12	-4526	985	3	--	--
	13	-2401	235	4	--	--
	15	-2176	70	0	--	--
MSGN01	2	-3798	330	44	31	45
	3	-1988	1810	13	21	38
	4	-1923	65	62	<10	32
	5	-893	655	34	--	27
	7	2	830	76	<10	22
	8	274	272	11	--	18
	12	-4128	740	4	--	--
	13	-1548	375	7	--	--
	15	-828	65	0	--	--
MSGN02	2	-3907	370	53	25	45
	3	-2377	1530	8	17	39
	4	-2217	160	44	18	34
	5	-1347	380	--	--	--
	7	-137	1070	33	<10	23
	8	313	450	65	<10	18
	12	-4277	700	0	--	--
	13	-1727	490	8	--	--
	15	-1207	140	0	--	--
MSGN03	2	-3780	800	37	59	46
	3	-2435	1345	21	--	39
	4	-1820	615	33	<10	33
	5	-995	595	28	--	27
	7	-170	720	28	<10	22
	8	200	370	11	--	19
	12	-4580	600	10	--	--
	13	-1590	230	0	--	--
	15	-890	105	10	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSGR01	2	-35	370	62	<10	21
	3	245	280	7	--	18
	4	315	70	25	--	16
	12	-405	670	0	--	--
MSGR02	2	-869	300	43	<10	27
	3	-459	410	44	<10	24
	4	111	570	43	<10	20
	5	271	40	40	--	17
	12	-1169	745	0	--	--
	13	231	120	0	--	--
MSHA01	2	-5549	260	75	--	62
	3	-4149	1400	9	--	56
	5	-3629	315	49	--	48
	7	-2129	1460	57	<10	42
	8	-1269	860	68	<10	33
	9	-629	640	48	<10	27
	10	-164	465	23	<10	23
	11	52	216	10	--	21
	12	-5809	1160	9	--	--
	13	-3944	205	0	--	--
	15	-3589	40	0	--	--
MSHI01	2	-2893	325	46	--	42
	3	-1948	945	35	--	38
	4	-1783	165	67	--	34
	5	-853	490	29	--	28
	6	-278	390	41	--	24
	7	357	235	31	--	19
	12	-3218	150	0	--	--
	13	-1343	440	0	--	--
	14	-668	185	0	--	--
	15	122	400	0	--	--
MSHI02	2	-4972	570	61	58	65
	3	-2917	2055	49	21	63
	4	-2792	125	96	<10	61
	5	-1267	895	56	<10	47
	6	-567	535	28	<10	28
	7	198	305	32	<10	--
	12	-5542	1010	3	--	--
	13	-2162	630	0	--	--
	14	-1102	165	3	--	--
	15	-107	460	0	--	--
MSHI03	2	-2158	350	64	<10	39
	3	-1338	820	34	<10	34
	4	-1233	105	71	<10	30
	5	-418	470	76	<10	25
	6	52	315	52	<10	21
	12	-2508	135	0	--	--
	13	-888	345	0	--	--
	14	-263	155	6	--	--
	15	322	270	4	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSHI04	2	-4671	985	60	61	58
	3	-2881	1790	42	36	48
	4	-2621	260	99	<10	41
	5	-1296	815	27	<10	33
	6	-691	480	27	--	27
	7	159	440	26	--	21
	8	437	278	16	--	18
	12	-5656	895	0	--	--
	13	-2111	510	0	--	--
	14	-1171	125	0	--	--
	15	-281	410	0	--	--
MSH001	2	-1380	245	78	<10	28
	3	-630	750	43	<10	24
	4	-120	510	65	<10	20
	5	271	241	36	--	16
	12	-1625	1065	3	--	--
	13	30	150	7	--	--
MSH002	2	-2175	280	32	--	--
	3	-1455	720	28	--	--
	4	-675	780	57	--	--
	5	-125	450	41	--	--
	6	155	160	18	--	--
	12	-2455	1160	1	--	--
	13	-575	100	0	--	--
	14	-5	120	17	--	--
MSH003	2	-2582	665	63	<10	41
	3	-1572	1010	38	<10	34
	4	-987	585	53	<10	27
	5	-92	750	77	<10	20
	6	318	410	12	--	15
	12	-3247	910	0	--	--
	13	-842	145	0	--	--
	15	358	40	0	--	--
MSHR01	3	-4630	300	5	--	60
	5	-4130	325	--	--	--
	7	-2350	1610	62	<10	49
	8	-1425	925	42	<10	37
	9	-770	655	29	<10	29
	10	-230	540	40	<10	23
	11	4	234	6	--	19
	12	-4930	2380	3	--	--
	13	-4455	175	0	--	--
	15	-3960	170	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSHR02	2	-5051	230	91	--	55
	3	-3376	1675	11	--	51
	5	-2941	330	--	--	--
	7	-1456	1390	29	<10	37
	8	-666	790	27	<10	28
	9	-106	560	45	<10	23
	10	100	206	11	--	20
	12	-5281	945	2	--	--
	13	-3271	105	0	--	--
	15	-2846	95	0	--	--
MSHR03	2	-5199	200	60	--	62
	3	-3609	1590	10	--	55
	5	-3339	200	--	--	--
	7	-1629	1640	29	<10	39
	8	-779	850	5	--	29
	9	-179	600	26	--	23
	10	57	236	19	--	20
	12	-5399	845	2	--	--
	13	-3539	70	0	--	--
	15	-3269	70	14	--	--
MSHU01	2	-3366	340	59	43	50
	3	-2076	1290	35	<10	42
	4	-1426	650	48	<10	33
	5	-546	670	71	<10	24
	6	-236	310	60	<10	19
	11	103	219	83	<10	15
	12	-3706	1020	2	--	--
	13	-1216	210	2	--	--
	15	-116	120	0	--	--
MSHU02	2	-2585	320	99	11	42
	3	-1655	930	24	<10	36
	4	-1075	580	43	<10	29
	5	-375	550	40	<10	22
	6	-15	360	51	<10	17
	11	115	130	86	--	15
	12	-2905	1020	2	--	--
	13	-925	150	0	--	--
MSIS01	2	-2060	425	73	--	--
	3	-1565	495	12	--	--
	4	-1435	130	54	--	--
	5	-455	650	52	--	--
	6	-85	170	44	--	--
	11	105	190	90	--	--
	12	-2485	480	0	--	--
	13	-1105	330	0	--	--
	14	-255	200	15	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSIS02	2	-2407	465	63	26	42
	3	-1892	515	23	--	37
	4	-1732	160	97	<10	34
	5	-717	670	38	<10	26
	6	-117	420	35	<10	18
	11	93	95	81	--	14
	12	-2872	450	0	--	--
	13	-1387	345	3	--	--
	14	-537	180	17	--	--
	15	-2	115	4	--	--
MSIS03	2	-4441	495	49	--	--
	3	-3101	1340	38	--	--
	4	-2856	245	99	--	--
	5	-1296	1085	59	--	--
	6	-541	595	45	--	--
	11	89	160	88	--	--
	12	-4936	515	0	--	--
	13	-2381	475	0	--	--
	14	-1136	160	0	--	--
	15	-71	470	0	--	--
MSJA01	2	-4852	130	85	--	--
	3	-3162	1690	24	--	--
	5	-2872	140	--	--	--
	7	-1257	1455	45	--	--
	8	-422	835	26	--	--
	9	-22	400	69	--	--
	10	108	130	19	--	--
	12	-4982	870	6	--	--
	13	-3012	150	0	--	--
	15	-2712	160	0	--	--
MSJA02	3	-3922	1330	11	--	56
	5	-3572	200	--	--	--
	7	-1742	1720	26	20	40
	8	-642	1100	8	<10	29
	9	-152	490	5	--	23
	10	30	182	50	--	20
	12	-5252	1090	0	--	--
	13	-3772	150	0	--	--
MSJA03	15	-3462	110	0	--	--
	2	-5153	90	67	--	57
	3	-3753	1400	12	--	53
	5	-3358	206	--	--	--
	7	-1528	1700	20	16	42
	8	-478	1050	5	--	30
	9	-78	400	39	<10	20
	10	10	88	7	--	16
	12	-5243	895	4	--	--
	13	-3564	189	0	--	--
	15	-3228	130	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSJA04	3	-4916	1320	28	49	56
	5	-4656	150	--	--	--
	7	-2791	1785	31	59	44
	8	-1271	1520	76	24	34
	9	-571	700	27	<10	26
	10	-176	395	32	<10	23
	11	6	182	5	--	21
	12	-6236	940	1	--	--
	13	-4806	110	0	--	--
	15	-4576	80	0	--	--
MSJA05	2	-4671	130	99	--	56
	3	-3191	1480	7	--	50
	4	-3031	160	50	--	44
	5	-2471	220	--	--	--
	7	-911	1360	41	<10	32
	8	-191	720	30	--	24
	9	49	240	10	--	20
	12	-4801	860	0	--	--
	13	-2691	340	12	--	--
	15	-2271	200	0	--	--
MSJD01	2	-4773	840	56	51	107
	3	-2593	2180	17	40	81
	5	-1628	425	32	<10	49
	6	-1273	290	24	<10	41
	7	-73	900	25	<10	25
	8	377	450	72	<10	--
	9	437	60	64	--	--
	12	-5613	975	4	--	--
	13	-2053	540	4	--	--
	14	-1563	65	15	--	--
	15	-973	300	0	--	--
MSJD02	2	-5284	600	32	68	49
	3	-2774	2510	32	45	41
	5	-1904	470	20	<10	31
	6	-1629	245	12	--	29
	7	-354	930	28	<10	24
	8	136	490	66	<10	20
	9	280	144	4	--	18
	12	-5884	950	0	--	--
	13	-2374	400	7	--	--
	14	-1874	30	0	--	--
	15	-1284	345	0	--	--
MSJD03	2	-4209	970	48	60	59
	3	-2589	1620	46	38	47
	4	-2254	335	40	<10	39
	5	-1314	445	30	<10	31
	6	-929	320	28	<10	28
	7	171	790	43	<10	20
	8	502	331	63	<10	15
	12	-5179	920	1	--	--
	13	-1759	495	2	--	--
	14	-1249	65	0	--	--
	15	-619	310	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSJE01	2	-5875	880	35	53	69
	3	-3445	2430	43	36	56
	5	-2105	850	65	30	40
	6	-1375	570	26	20	33
	7	5	900	16	<10	23
	8	195	190	7	--	19
	12	-6755	970	0	--	--
	13	-2955	490	2	--	--
	14	-1945	160	0	--	--
	15	-895	480	0	--	--
MSJE02	2	-6145	760	32	96	69
	3	-3615	2530	35	85	58
	5	-2335	850	56	63	44
	6	-1610	490	41	36	38
	7	-225	960	40	<10	27
	8	175	400	26	<10	19
	12	-6905	1150	0	--	--
	13	-3185	430	0	--	--
	14	-2100	235	0	--	--
	15	-1185	425	0	--	--
MSJE03	2	-6312	800	34	58	68
	3	-3692	2620	27	44	56
	5	-2362	880	63	59	40
	6	-1742	420	42	32	34
	7	-262	1015	21	<10	25
	8	238	500	38	--	20
	9	478	240	52	--	17
	12	-7112	1060	0	--	--
	13	-3242	450	0	--	--
	14	-2162	200	0	--	--
	15	-1277	465	0	--	--
MSJE04	3	-3778	--	--	--	--
	5	-2438	870	50	--	--
	6	-1813	400	38	--	--
	7	-358	1030	24	--	--
	8	162	520	38	--	--
	9	402	240	52	--	--
	13	-3308	470	0	--	--
	14	-2213	225	0	--	--
	15	-1388	425	0	--	--
MSJE05	2	-5885	750	61	60	71
	3	-3665	2220	48	52	61
	4	-3415	250	84	88	52
	5	-2055	850	50	51	45
	6	-1325	560	33	27	39
	7	65	880	23	<10	23
	8	185	120	8	--	16
	12	-6635	1000	0	--	--
	13	-2905	510	2	--	--
	14	-1885	170	0	--	--
	15	-815	510	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSJE06	2	-6172	790	21	26	92
	3	-3572	2600	40	42	73
	5	-2167	935	60	19	48
	6	-1592	415	41	11	39
	7	-142	1010	25	<10	26
	8	308	450	29	<10	18
	9	428	120	64	--	14
	12	-6962	1105	1	--	--
	13	-3102	470	1	--	--
	14	-2007	160	0	--	--
	15	-1152	440	0	--	--
MSJE07	2	-5963	730	59	42	65
	3	-3673	2290	34	66	59
	4	-3383	290	69	52	49
	5	-1978	965	33	38	40
	6	-1218	585	45	<10	32
	7	72	885	23	<10	23
	8	197	125	5	--	18
	12	-6693	970	0	--	--
	13	-2943	440	0	--	--
	14	-1803	175	0	--	--
	15	-813	405	0	--	--
MSJ001	2	-3897	840	37	47	51
	3	-1812	2085	29	21	40
	5	-1337	80	--	--	29
	6	-1037	230	50	<10	27
	7	-127	730	41	<10	22
	8	293	420	40	<10	18
	12	-4737	490	0	--	--
	13	-1417	395	11	--	--
	14	-1267	70	0	--	--
	15	-857	180	0	--	--
MSJ002	2	-3753	985	38	--	--
	3	-1858	1895	21	--	--
	5	-1248	405	21	--	--
	6	-908	280	32	--	--
	7	-48	570	58	--	--
	8	252	300	45	--	--
	12	-4738	840	0	--	--
	13	-1653	205	0	--	--
	14	-1188	60	0	--	--
	15	-618	290	7	--	--
MSJ003	2	-2906	480	56	14	52
	3	-1486	1420	20	<10	42
	4	-1086	400	16	<10	32
	5	-586	430	21	<10	26
	6	-336	185	51	<10	22
	7	314	345	27	<10	16
	12	-3386	500	18	--	--
	13	-1016	70	0	--	--
	14	-521	65	0	--	--
	15	-31	305	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSJ004	2	-3466	750	48	--	--
	3	-1736	1730	22	--	--
	4	-1406	330	21	--	--
	5	-866	395	25	--	--
	6	-596	190	42	--	--
	7	-26	260	67	--	--
	8	221	247	48	--	--
	12	-4216	720	0	--	--
	13	-1261	145	0	--	--
	14	-786	80	0	--	--
	15	-286	310	6	--	--
MSJ005	2	-2928	840	38	--	--
	3	-1513	1415	28	--	--
	4	-1213	300	10	--	--
	5	-993	65	99	--	--
	6	-743	195	23	--	--
	7	147	590	64	--	--
	8	307	160	26	--	--
	12	-3768	745	0	--	--
	13	-1058	155	0	--	--
	14	-938	55	0	--	--
	15	-443	300	3	--	--
MSJS01	2	-1817	585	94	<10	36
	3	-477	1340	19	<10	28
	4	-387	90	11	--	22
	5	-17	270	69	<10	19
	6	163	130	69	<10	17
	12	-2402	780	0	--	--
	13	-287	100	0	--	--
	14	33	50	0	--	--
	15	485	322	3	--	--
MSJS02	2	-2395	380	82	<10	41
	3	-1255	1140	19	<10	35
	4	-785	470	43	<10	27
	5	-275	390	56	<10	22
	6	-35	150	60	<10	18
	12	-2775	1160	0	--	--
	13	-665	120	17	--	--
	14	-185	90	11	--	--
	15	325	360	3	--	--
MSKE01	12	235	510	0	--	--
MSKE02	2	532	470	69	<10	14
	12	62	545	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSLA01	2	379	100	50	--	--
	3	569	190	25	--	--
	12	279	530	0	--	--
MSLA02	1	-650	95	37	--	--
	2	265	325	51	--	--
	3	430	165	30	--	--
	4	490	60	71	--	--
	12	-60	590	0	--	--
MSLA03	2	-153	200	55	--	--
	3	157	310	29	--	--
	4	427	270	18	--	--
	12	-353	480	0	--	--
MSLA04	1	-302	300	40	<10	23
	2	228	110	50	<10	--
	3	374	146	13	--	--
	12	118	420	0	--	--
MSLD01	2	-526	215	99	--	--
	3	254	780	15	--	--
	4	444	190	45	--	--
	12	-741	740	3	--	--
MSLD02	2	-105	245	76	<10	24
	3	425	530	9	--	21
	4	465	40	20	--	19
	12	-350	655	2	--	--
MSLD03	2	-52	250	66	--	24
	3	418	470	13	--	21
	12	-302	490	0	--	--
MSLI01	2	-6235	720	22	64	60
	3	-3525	2710	46	44	49
	5	-2150	805	40	<10	33
	6	-1725	270	19	<10	28
	7	-165	1190	20	--	21
	8	325	490	61	--	15
	9	475	150	76	--	--
	12	-6955	920	0	--	--
	13	-2955	570	4	--	--
	14	-1995	155	0	--	--
	15	-1355	370	3	--	--
MSLI02	2	-6511	530	35	84	63
	3	-3431	3080	45	66	50
	5	-2156	865	47	11	34
	6	-1721	280	21	<10	29
	7	-191	1160	21	<10	21
	8	299	490	61	<10	15
	9	434	135	69	<10	--
	12	-7041	920	0	--	--
	13	-3021	410	2	--	--
	14	-2001	155	0	--	--
	15	-1351	370	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
MSLI03	2	-6073	510	37	62	66
	3	-3503	2570	19	61	54
	5	-2388	535	19	40	37
	6	-2083	150	37	<10	33
	7	-443	1340	26	<10	24
	8	252	695	9	<10	16
	9	415	163	37	--	--
	12	-6583	1220	0	--	--
	13	-2923	580	2	--	--
	14	-2233	155	0	--	--
	15	-1783	300	0	--	--
MSLK01	2	-617	490	63	<10	25
	3	93	710	23	<10	19
	4	473	380	41	<10	14
	12	-1107	685	0	--	--
MSLK02	2	-761	415	87	<10	25
	3	-81	680	43	<10	21
	4	254	335	40	<10	17
	5	404	80	56	--	14
	12	-1176	905	2	--	--
	13	324	70	0	--	--
MSLK03	2	-1370	450	84	<10	29
	3	-940	430	12	--	26
	4	-140	800	34	--	21
	5	230	220	95	--	17
	6	450	90	50	--	15
	12	-1820	1070	2	--	--
	13	10	150	13	--	--
	14	360	130	23	--	--
MSLM01	2	-4498	690	49	72	53
	3	-2388	2110	28	64	43
	5	-1628	380	14	--	31
	7	-318	1165	64	<10	24
	8	272	590	32	<10	18
	9	376	104	43	--	15
	12	-5188	870	2	--	--
	13	-2008	380	5	--	--
	15	-1483	145	0	--	--
MSLM02	2	-4684	515	45	--	--
	3	-2854	1830	22	--	--
	5	-2164	200	--	--	--
	6	-2054	30	99	--	--
	7	-674	1220	37	<10	35
	8	86	760	66	<10	20
	9	204	118	32	<10	--
	12	-5199	1075	1	--	--
	13	-2364	490	8	--	--
	14	-2084	80	0	--	--
	15	-1894	160	6	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSLM03	2	-4615	810	27	30	61
	3	-2415	2200	20	19	55
	5	-1435	680	18	<10	49
	7	-250	920	35	<10	30
	8	230	480	71	<10	--
	9	365	135	50	--	--
	12	-5425	850	1	--	--
	13	-2115	300	3	--	--
	15	-1170	265	0	--	--
MSLW01	2	-5673	570	47	95	65
	3	-3233	2440	33	107	58
	4	-2983	250	48	<10	49
	5	-1663	780	41	<10	38
	6	-1213	385	34	<10	31
	7	-3	790	32	<10	19
	8	357	360	73	<10	--
	9	441	84	80	--	--
	12	-6243	910	0	--	--
	13	-2443	540	4	--	--
	14	-1598	65	0	--	--
	15	-793	420	2	--	--
MSMA01	2	-2535	385	86	<10	45
	3	-1550	985	38	<10	38
	4	-1415	135	70	<10	32
	5	-485	550	83	<10	24
	6	0	325	92	<10	17
	12	-2920	135	0	--	--
	13	-1035	380	3	--	--
	14	-325	160	3	--	--
	15	340	340	3	--	--
MSMA02	2	-2610	410	56	<10	34
	3	-1980	630	14	--	32
	4	-1055	925	58	<10	28
	5	-300	580	66	<10	24
	6	190	350	63	<10	21
	12	-3020	1350	7	--	--
	13	-880	175	14	--	--
	14	-160	140	7	--	--
	15	260	70	0	--	--
MSMA03	2	-2062	420	98	<10	36
	3	-1462	600	27	<10	32
	4	-592	870	50	<10	26
	5	-42	470	99	<10	20
	6	280	202	19	--	17
	12	-2482	1180	5	--	--
	13	-512	80	0	--	--
	14	78	120	17	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSMA04	2	-3311	420	37	<10	48
	3	-2036	1275	26	<10	41
	4	-1801	235	81	<10	34
	5	-641	675	59	<10	26
	6	-61	450	41	<10	20
	12	-3731	450	0	--	--
	13	-1316	485	2	--	--
	14	-511	130	0	--	--
	15	199	260	0	--	--
MSMN01	2	-319	180	92	<10	23
	3	321	640	14	<10	18
	4	441	120	35	--	--
	12	-499	680	0	--	--
MSMR01	2	-5055	895	30	73	56
	3	-3130	1925	22	65	47
	5	-2285	485	12	58	36
	6	-2155	55	45	10	34
	7	-745	1200	41	<10	28
	8	-5	740	19	<10	22
	9	167	172	64	<10	19
	12	-5950	835	1	--	--
	13	-2770	360	3	--	--
	14	-2210	75	13	--	--
	15	-1945	210	0	--	--
MSMS01	1	-730	115	91	<10	24
	2	-90	210	24	<10	21
	3	120	210	5	--	20
	4	386	266	71	--	18
	12	-300	430	0	--	--
MSMS02	1	-1186	82	83	--	--
	2	-728	56	99	--	--
	3	-268	460	18	--	--
	4	77	345	99	--	--
	5	360	283	53	--	--
	12	-784	402	2	--	--
MSMS03	1	-643	82	99	--	--
	2	-121	94	94	--	--
	3	137	258	19	--	--
	4	513	376	65	--	--
	12	-215	428	0	--	--
MSNE01	2	-142	450	79	<10	24
	3	268	410	73	<10	20
	4	446	178	63	<10	17
	12	-592	635	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSNE02	2	146	375	96	<10	21
	3	495	349	34	<10	17
	12	-229	570	0	--	--
MSNE03	2	-395	465	84	<10	25
	3	-35	360	51	<10	22
	4	470	505	20	<10	19
	12	-860	635	0	--	--
MSNW01	2	-824	435	92	<10	34
	3	51	875	11	<10	26
	4	256	205	39	<10	19
	5	381	90	70	--	17
	12	-1259	750	0	--	--
	13	291	35	0	--	--
MSNW02	2	-1398	365	59	<10	30
	3	-393	1005	7	--	26
	4	-33	360	18	<10	22
	5	177	165	79	<10	20
	6	369	32	20	--	18
	12	-1763	800	0	--	--
	13	12	45	0	--	--
	14	337	160	13	--	--
MSNW03	2	-828	420	92	--	--
	3	-43	785	24	--	--
	4	292	335	37	--	--
	5	492	165	52	--	--
	12	-1248	795	13	--	--
	13	327	35	0	--	--
	14	522	30	25	--	--
MSNX01	12	250	67	0	--	--
MSOK01	12	450	510	0	--	--
MSPA01	1	-1530	185	76	--	--
	2	-640	190	66	--	--
	3	-370	270	46	--	--
	4	180	550	71	--	--
	5	370	190	85	--	--
	12	-830	700	0	--	--
MSPA02	2	-600	200	45	<10	24
	3	-250	350	34	<10	22
	4	100	350	34	<10	19
	5	350	250	77	--	16
	12	-800	650	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSPE01	2	-4654	285	46	--	54
	3	-2384	2270	10	--	46
	5	-1804	265	25	--	34
	7	-584	1060	36	<10	27
	8	26	610	34	<10	20
	9	107	81	55	<10	17
	12	-4939	835	4	--	--
	13	-2069	315	13	--	--
	15	-1644	160	0	--	--
MSPE02	2	-3966	590	29	--	48
	3	-2211	1755	17	--	40
	5	-1391	295	54	--	29
	7	-346	985	38	<10	24
	8	134	480	69	<10	19
	9	236	102	5	--	17
	12	-4556	990	1	--	--
	13	-1686	525	18	--	--
	15	-1331	60	0	--	--
MSPE03	2	-3961	550	33	23	51
	3	-2501	1460	8	--	43
	4	-2171	330	44	<10	37
	5	-1151	450	41	--	29
	7	-291	760	31	<10	23
	8	94	385	59	<10	19
	12	-4511	1020	11	--	--
	13	-1601	570	3	--	--
	15	-1051	100	10	--	--
MSPE04	2	-3661	680	25	47	51
	3	-2066	1595	12	<10	46
	5	-1041	400	35	--	30
	7	-191	740	34	<10	23
	8	177	368	20	<10	17
	12	-4341	765	0	--	--
	13	-1441	625	0	--	--
	15	-931	110	0	--	--
MSPI01	2	-6413	790	44	29	64
	3	-4143	2270	30	18	54
	5	-3293	160	--	--	--
	6	-3068	85	59	33	39
	7	-1103	1690	34	<10	31
	8	-113	990	22	<10	22
	9	127	240	99	<10	18
	10	337	210	57	<10	17
	12	-7203	1060	2	--	--
	13	-3453	690	4	--	--
	14	-3153	140	11	--	--
	15	-2793	275	24	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSPO01	1	-3	50	40	--	16
	12	340	343	0	--	--
MSPR01	2	-4815	830	43	44	62
	3	-3135	1680	22	25	53
	5	-2305	540	33	25	43
	7	-825	1375	77	<10	34
	8	-45	780	35	<10	24
	9	165	210	7	--	19
	10	170	5	5	--	18
	12	-5645	840	2	--	--
	13	-2845	290	0	--	--
	15	-2200	105	0	--	--
MSPR02	2	-5552	690	20	33	63
	3	-4422	1130	9	--	56
	5	-3782	400	30	50	49
	7	-1737	1925	61	<10	40
	8	-897	840	23	--	30
	9	-272	625	36	--	25
	10	68	340	27	--	22
	11	222	154	39	--	20
	12	-6242	1265	3	--	--
	13	-4182	240	8	--	--
	15	-3662	120	0	--	--
MSQU01	2	-1107	398	31	--	--
	3	-737	370	15	--	--
	4	-163	574	32	--	--
	5	-23	48	21	--	--
	11	163	186	78	--	--
	12	-1505	562	0	--	--
	13	-71	92	54	--	--
MSRA01	2	-3314	635	80	37	65
	3	-1704	1610	48	<10	50
	4	-1494	210	88	<10	37
	5	-434	595	56	<10	25
	6	-94	245	37	<10	18
	12	-3949	730	0	--	--
	13	-1029	465	9	--	--
	14	-339	95	0	--	--
	15	426	520	9	--	--
MSRA02	2	-3175	740	66	--	--
	3	-2115	1060	35	--	--
	4	-1795	320	80	--	--
	5	-695	675	51	--	--
	6	-285	335	57	--	--
	7	415	130	50	--	--
	12	-3915	670	0	--	--
	13	-1370	425	0	--	--
	14	-620	75	0	--	--
	15	285	570	7	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSRA03	2	-2564	395	58	<10	41
	3	-1439	1125	26	<10	35
	4	-1179	260	96	<10	30
	5	-289	480	58	<10	24
	6	196	330	92	<10	20
	12	-2959	1220	7	--	--
	13	-769	410	2	--	--
	14	-134	155	0	--	--
	15	371	175	0	--	--
MSSC01	2	-1919	540	70	<10	35
	3	-1009	910	14	<10	29
	4	-499	510	51	<10	23
	5	-14	330	67	<10	18
	6	371	265	49	<10	15
	12	-2459	1040	3	--	--
	13	-344	155	0	--	--
	14	106	120	8	--	--
	15	411	40	0	--	--
MSSC02	2	-2052	540	70	<10	38
	3	-952	1100	18	<10	30
	4	-562	390	44	<10	23
	5	-52	435	62	<10	19
	6	278	290	52	<10	15
	12	-2592	730	10	--	--
	13	-487	75	0	--	--
	14	-12	40	0	--	--
	15	398	120	0	--	--
MSSH01	2	-3447	480	69	22	55
	3	-2437	1010	48	17	47
	4	-2162	275	84	<10	40
	5	-927	750	75	<10	30
	6	-237	590	36	<10	22
	11	103	150	88	--	16
	12	-3927	665	0	--	--
	13	-1677	485	4	--	--
	14	-827	100	15	--	--
	15	-47	190	3	--	--
MSSH02	2	-2253	650	54	26	41
	3	-1693	560	30	<10	35
	4	-1543	150	97	<10	32
	5	-343	830	56	<10	24
	6	-43	170	29	--	18
	11	97	140	80	<10	17
	12	-2903	615	0	--	--
	13	-1173	370	0	--	--
	14	-213	130	8	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSSI01	2	-4397	1055	53	33	54
	3	-2752	1645	25	14	44
	4	-2437	315	73	<10	37
	5	-1172	635	38	<10	29
	6	-687	395	41	<10	25
	7	228	510	24	<10	18
	8	478	250	66	<10	15
	12	-5452	775	0	--	--
	13	-1807	630	0	--	--
	14	-1082	90	6	--	--
	15	-282	405	0	--	--
MSSI02	2	-4112	1290	57	54	50
	3	-2672	1440	37	28	41
	4	-2412	260	42	<10	35
	5	-1132	650	37	<10	28
	6	-682	350	63	<10	24
	7	148	520	40	<10	19
	8	351	203	53	--	17
	12	-5402	710	0	--	--
	13	-1782	630	0	--	--
	14	-1032	100	0	--	--
	15	-372	310	0	--	--
MSSM01	2	-2695	410	70	<10	53
	3	-1345	1350	26	<10	48
	4	-935	410	22	<10	37
	5	-320	505	79	<10	27
	6	-10	225	67	<10	19
	7	425	170	28	<10	--
	12	-3105	1140	7	--	--
	13	-825	110	0	--	--
	14	-235	85	0	--	--
	15	255	265	0	--	--
MSSM02	2	-3461	1280	64	52	49
	3	-2261	1200	23	<10	41
	4	-1741	520	16	<10	34
	5	-916	535	55	<10	29
	6	-561	255	45	<10	25
	7	294	515	41	<10	20
	8	489	195	85	<10	17
	12	-4741	750	0	--	--
	13	-1451	290	10	--	--
	14	-816	100	15	--	--
	15	-221	340	3	--	--
MSSM03	2	-3782	850	39	34	52
	3	-2102	1680	26	17	44
	4	-1612	490	36	<10	38
	5	-952	510	64	<10	31
	6	-622	265	74	<10	27
	7	108	440	45	<10	20
	8	255	147	44	<10	17
	12	-4632	620	0	--	--
	13	-1462	150	0	--	--
	14	-887	65	0	--	--
	15	-332	290	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
MSST01	2	-4554	395	65	47	58
	3	-3119	1435	4	--	51
	4	-2819	300	55	42	44
	5	-2429	260	--	--	--
	7	-994	1385	40	<10	33
	8	-224	770	35	<10	24
	9	111	335	43	<10	20
	10	235	124	16	--	18
	12	-4949	835	11	--	--
	13	-2689	130	0	--	--
	15	-2379	50	0	--	--
MSST02	2	-4555	180	22	--	51
	3	-3205	1350	9	18	46
	4	-2855	350	54	29	41
	5	-2490	235	--	--	--
	7	-1030	1365	52	<10	32
	8	-295	735	67	<10	25
	9	30	325	84	<10	21
	10	147	117	5	--	20
	12	-4735	930	2	--	--
	13	-2725	130	27	--	--
	15	-2395	95	21	--	--
MSSU01	2	-1817	350	56	<10	30
	3	-1407	410	15	--	28
	4	-652	755	66	<10	24
	5	-37	550	45	<10	19
	11	133	170	89	--	17
	12	-2167	965	1	--	--
	13	-587	65	0	--	--
MSSU02	2	-2228	370	45	<10	36
	3	-1478	750	34	<10	31
	4	-813	665	55	<10	25
	5	-288	420	48	<10	20
	6	12	300	82	<10	17
	11	114	102	83	--	15
	12	-2598	980	0	--	--
	13	-708	105	0	--	--
MSSU03	2	-1931	320	50	<10	32
	3	-1221	710	30	<10	28
	4	-571	650	36	<10	23
	5	-46	465	33	--	19
	11	114	160	89	--	16
	12	-2251	960	1	--	--
	13	-511	60	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
MSTA01	2	-1494	360	49	--	--
	3	-1124	370	24	--	--
	4	-429	695	44	--	--
	5	-54	330	65	--	--
	11	126	180	89	--	--
	12	-1854	900	2	--	--
	13	-384	45	0	--	--
MSTA02	2	-722	305	51	--	--
	3	-287	435	11	--	--
	4	73	360	32	--	--
	5	348	210	45	--	--
	12	-1027	695	0	--	--
	13	138	65	0	--	--
MSTA03	2	-553	375	41	<10	22
	3	-253	300	33	<10	20
	4	2	255	59	<10	18
	5	322	190	42	--	16
	12	-928	710	0	--	--
	13	132	130	8	--	--
MSTA04	2	-1357	275	29	--	--
	3	-757	600	22	--	--
	4	-187	570	51	--	--
	5	-37	100	99	--	--
	11	136	173	89	--	--
	12	-1632	795	0	--	--
	13	-137	50	20	--	--
MSTE01	2	-1091	375	52	<10	28
	3	-801	290	69	<10	24
	4	-131	670	84	<10	20
	5	139	270	7	--	16
	12	-1466	665	0	--	--
	14	239	100	0	--	--
MSTE02	1	-1637	75	99	<10	29
	2	-777	265	53	<10	24
	3	-447	330	15	--	22
	4	53	500	63	<10	19
	5	263	210	0	--	16
	12	-1042	595	0	--	--
MSTI01	1	-380	255	67	<10	32
	2	285	260	75	<10	15
	3	506	221	11	<10	--
	12	25	405	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSTU01	2	-1377	430	91	<10	27
	3	-1077	300	7	--	25
	4	-397	680	82	--	--
	5	-47	350	--	<10	22
	11	193	160	88	--	17
	12	-1807	940	0	--	--
	14	33	80	0	--	--
MSTU02	2	-1379	280	99	<10	28
	3	-989	390	6	--	25
	4	-749	240	94	<10	23
	5	71	480	78	<10	18
	11	213	142	88	--	15
	12	-1659	970	0	--	--
	13	-409	340	15	--	--
MSUN01	1	-8	110	99	--	--
	12	390	398	1	--	--
MSWA01	2	-5526	920	42	65	66
	3	-3376	2150	30	24	54
	5	-2266	420	--	--	--
	7	-566	1440	30	<10	29
	8	184	750	74	<10	21
	9	354	170	68	<10	17
	12	-6446	930	1	--	--
	13	-2686	690	0	--	--
	15	-2006	260	0	--	--
MSWA02	2	-5713	900	26	121	72
	3	-3688	2025	16	78	60
	5	-2903	200	--	--	--
	6	-2783	30	50	--	46
	7	-1088	1535	31	<10	39
	8	-173	915	35	<10	25
	9	227	400	99	<10	18
	10	387	160	82	<10	15
	12	-6613	860	0	--	--
	13	-3103	585	3	--	--
	14	-2813	90	0	--	--
	15	-2623	160	0	--	--
MSWE01	2	202	90	83	<10	18
	3	302	100	18	--	17
	12	112	650	0	--	--
MSWE02	2	520	40	50	--	--
	12	480	550	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSWI01	8	-410	--	--	--	--
	9	25	435	13	--	--
	10	364	339	33	--	--
MSWI02	2	-7844	480	39	25	82
	3	-4674	3170	36	58	70
	5	-3364	940	41	60	50
	6	-2909	285	46	35	44
	7	-1169	1295	33	40	33
	8	-294	875	56	--	24
	9	6	300	55	--	20
	10	203	197	3	--	17
	12	-8324	1040	0	--	--
	13	-4304	370	0	--	--
	14	-3194	170	12	--	--
	15	-2464	445	0	--	--
MSWI03	3	-4673	--	--	--	--
	5	-3403	920	30	--	42
	6	-2983	340	41	19	38
	7	-1188	1305	42	15	30
	8	-313	875	57	<10	24
	9	-13	300	55	--	20
	10	187	200	3	--	19
	13	-4323	350	1	--	--
	14	-3323	80	0	--	--
	15	-2493	490	0	--	--
MSWI05	2	-9138	750	33	34	80
	3	-6418	2720	23	39	69
	5	-5248	800	28	49	56
	6	-4838	140	39	--	51
	7	-2083	2345	39	62	40
	8	-588	1495	51	<10	28
	9	12	600	21	--	21
	10	346	334	17	--	18
	12	-9888	1050	0	--	--
	13	-6048	370	0	--	--
	14	-4978	270	9	--	--
	15	-4428	410	0	--	--
MSWN01	2	468	188	60	--	19
	12	280	535	0	--	--
MSWR01	2	-4719	795	66	52	55
	3	-3314	1405	51	45	47
	4	-2909	405	98	<10	41
	5	-1364	960	61	<10	33
	6	-614	520	57	<10	26
	7	353	442	42	<10	19
	12	-5514	935	0	--	--
	13	-2324	585	0	--	--
	14	-1134	230	0	--	--
	15	-89	525	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSWR02	2	-5313	730	58	57	68
	3	-3353	1960	44	33	63
	4	-3098	255	92	<10	48
	5	-1503	1030	43	<10	36
	6	-688	650	50	<10	27
	7	257	505	27	<10	17
	12	-6043	970	0	--	--
	13	-2533	565	0	--	--
	14	-1338	165	0	--	--
	15	-248	440	0	--	--
MSWS01	2	-2765	370	70	--	--
	3	-1965	800	22	--	--
	4	-1425	540	51	--	--
	5	-665	570	56	--	--
	6	-245	330	61	--	--
	11	135	90	50	--	--
	12	-3135	710	0	--	--
	13	-1235	190	11	--	--
	14	-575	90	22	--	--
	15	45	290	3	--	--
MSWS02	2	-2356	410	59	14	39
	3	-1826	530	44	<10	35
	4	-1656	170	99	<10	31
	5	-651	485	41	<10	24
	6	-216	400	27	<10	19
	11	107	153	88	<10	15
	12	-2766	770	0	--	--
	13	-1136	520	8	--	--
	14	-616	35	0	--	--
	15	-46	170	6	--	--
MSWS03	2	-2268	340	84	22	37
	3	-1568	700	32	<10	32
	4	-1488	80	88	<10	29
	5	-518	570	34	<10	23
	6	-128	330	45	--	18
	11	110	88	70	--	15
	12	-2608	490	0	--	--
	13	-1088	400	0	--	--
	14	-458	60	0	--	--
	15	22	150	7	--	--
MSWS04	2	-2353	335	60	<10	38
	3	-1568	785	22	<10	33
	4	-1398	170	99	<10	29
	5	-408	550	66	<10	22
	6	-108	300	22	<10	18
	11	102	170	78	--	15
	12	-2688	710	0	--	--
	13	-958	440	5	--	--
	15	-68	40	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSWY01	2	-3110	720	48	18	48
	3	-1490	1620	20	<10	39
	4	-1260	230	76	<10	31
	5	-935	65	85	--	27
	6	-750	120	79	--	26
	7	170	720	32	--	21
	12	-3830	660	0	--	--
	13	-1000	260	0	--	--
	14	-870	65	0	--	--
	15	-550	200	50	--	--
MSWY02	2	-2562	665	42	10	44
	3	-1067	1495	14	<10	38
	4	-867	200	27	--	29
	5	-557	60	83	<10	25
	6	-257	240	29	<10	23
	7	163	265	42	<10	18
	12	-3227	610	0	--	--
	13	-617	250	12	--	--
	14	-497	60	0	--	--
	15	-102	155	0	--	--
MSWY03	2	-2895	810	46	23	45
	3	-1465	1430	20	16	36
	4	-1050	415	20	<10	29
	5	-785	75	99	<10	26
	6	-515	220	20	--	24
	7	277	612	71	<10	20
	12	-3705	650	0	--	--
	13	-860	190	0	--	--
	14	-735	50	0	--	--
	15	-335	180	0	--	--
MSWY04	2	-2432	715	47	<10	38
	3	-1112	1320	26	<10	32
	4	-812	300	25	<10	26
	5	-462	210	50	<10	24
	6	-267	125	48	<10	22
	7	298	330	38	--	19
	12	-3147	635	0	--	--
	13	-672	140	0	--	--
	14	-392	70	0	--	--
	15	-32	235	0	--	--
MSYA01	2	-471	295	64	<10	24
	3	-121	350	49	<10	21
	4	164	285	60	<10	17
	5	334	170	43	<10	15
	12	-766	585	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
MSYA02	2	-212	295	44	--	--
	3	98	310	42	--	--
	4	268	170	67	--	--
	12	-507	550	0	--	--
MSYZ01	2	-2779	780	47	--	--
	3	-1919	860	21	--	--
	4	-1619	300	53	--	--
	5	-609	610	51	--	--
	6	-49	360	33	--	--
	11	261	90	80	--	--
	12	-3559	985	0	--	--
	13	-1219	400	6	--	--
	14	-409	200	10	--	--
	15	171	220	0	--	--
MSYZ02	2	-3071	810	60	<10	45
	3	-2066	1005	38	<10	38
	4	-1361	705	62	<10	31
	5	-556	535	87	<10	24
	6	-56	440	76	<10	20
	12	-3881	875	0	--	--
	13	-1091	270	13	--	--
	14	-496	60	8	--	--
	15	354	410	2	--	--
TNCK01	4	40	--	--	--	--
	5	262	222	87	--	--
	14	350	88	2	--	--
TNCK02	5	84	--	--	--	--
	6	368	208	33	--	--
	14	160	76	0	--	--
TNCR01	1	-162	372	76	--	--
	2	222	98	99	--	--
	4	422	200	78	--	--
	12	124	286	28	--	--
TNCR02	2	390	31	99	--	--
	3	425	35	34	--	--
	4	510	85	59	--	--
	12	359	--	--	--	--
TNCR03	1	415	--	--	--	--
	2	526	31	99	--	--
	3	630	104	57	--	--
	12	495	80	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TNDY01	1	-1828	--	--	--	--
	2	-1008	260	99	--	--
	3	-778	230	17	--	--
	4	-473	305	53	--	--
	5	-293	180	83	--	--
	6	197	197	--	--	--
	11	258	61	--	--	--
	12	-1268	560	13	--	--
	14	0	293	20	--	--
TNDY02	5	-128	--	--	--	--
	6	291	359	79	--	--
	14	-68	60	0	--	--
TNFA01	1	-1331	366	95	--	--
	2	-584	149	99	--	--
	3	-327	257	19	--	--
	4	-4	323	99	--	--
	5	199	203	85	--	--
	6	318	42	--	--	--
	12	-733	598	3	--	--
	14	276	77	--	--	--
TNFA02	1	-399	360	96	<10	28
	2	50	62	99	<10	19
	3	265	215	61	<10	17
	4	381	116	--	--	15
	12	-12	387	4	--	--
TNFA03	1	-748	360	95	--	--
	2	-203	150	99	--	--
	3	-43	160	51	--	--
	4	257	300	96	--	--
	5	420	163	--	--	--
	12	-353	395	0	--	--
TNFA04	1	-1061	--	--	--	--
	2	-424	79	99	<10	22
	3	-157	267	11	--	20
	4	148	305	99	--	18
	5	431	283	41	--	16
	12	-503	558	8	--	--
TNFA05	1	-1014	--	--	--	--
	2	-339	161	98	<10	19
	3	-192	147	43	<10	18
	4	158	350	96	--	17
	5	298	140	89	--	17
	12	-500	514	6	--	--
	14	356	58	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
TNFA06	3	-66	--	--	--	--
	4	226	292	99	--	--
	5	395	169	61	--	--
TNGB01	1	-1058	371	82	--	--
	2	-490	163	88	--	--
	3	-416	74	27	--	--
	4	-20	396	--	--	--
	5	218	238	--	--	--
	12	-653	405	29	--	--
	14	316	98	--	--	--
TNHN01	2	474	114	67	--	--
	3	491	17	0	--	--
	4	570	79	70	--	--
	12	360	--	--	--	--
TNHN02	2	419	99	99	--	--
	3	475	56	99	--	--
	4	605	130	26	--	--
	12	320	--	--	--	--
TNHN03	1	401	181	96	--	--
	2	570	21	48	--	--
	12	549	148	0	--	--
TNHN04	1	405	230	91	--	--
	2	525	40	72	--	--
	12	485	80	0	--	--
TNHR01	2	225	60	99	--	--
	3	363	138	0	--	--
	4	431	68	64	--	--
	12	165	--	--	--	--
TNHR02	2	296	43	99	--	--
	3	418	122	80	--	--
	4	500	82	75	--	--
	12	253	--	--	--	--
TNHR03	1	253	--	--	--	--
	2	538	54	99	--	--
	3	570	32	--	--	--
	12	484	231	13	--	--
TNHR04	1	306	290	99	--	--
	12	433	127	--	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TNLD01	1	-1920	388	96	<10	33
	2	-1068	163	99	<10	26
	3	-872	196	15	--	25
	4	-418	454	99	<10	22
	5	-173	245	86	<10	20
	6	437	412	89	<10	16
	12	-1231	689	6	--	--
	14	25	198	0	--	--
TNLD02	1	-1550	470	93	--	--
	2	-835	296	95	--	--
	3	-680	155	26	--	--
	4	-185	495	97	--	--
	5	-23	162	69	--	--
	6	330	255	--	--	--
	12	-1131	419	0	--	--
	14	75	98	--	--	--
TNLD03	4	-115	--	--	--	--
	5	82	197	99	--	--
	6	430	288	59	--	--
	14	142	60	0	--	--
TNLK01	1	-1567	395	59	<10	42
	2	-799	328	99	<10	31
	3	-719	80	56	<10	28
	4	-355	364	78	<10	25
	5	-124	231	65	<10	21
	6	113	37	--	--	17
	11	290	177	--	--	16
	12	-1127	440	5	--	--
	14	76	200	0	--	--
TNLK02	1	-1761	392	82	--	--
	2	-999	309	99	--	--
	3	-853	146	34	--	--
	4	-501	352	93	--	--
	5	-256	245	78	--	--
	6	104	157	79	--	--
	11	284	180	--	--	--
	12	-1308	453	7	--	--
	14	-53	203	0	--	--
TNMD01	1	-214	--	--	--	--
	2	234	144	99	<10	15
	4	508	274	77	<10	14
	12	90	304	10	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TNMD02	1	175	365	84	<10	20
	2	487	70	99	<10	--
	4	563	76	--	--	--
	12	417	242	35	--	--
TNMD03	1	-152	354	81	--	--
	2	279	139	99	--	--
	4	361	82	--	--	--
	12	140	292	3	--	--
TNMD04	1	266	364	73	--	--
	12	390	124	28	--	--
TNOB01	4	-141	--	--	--	--
	5	116	257	46	--	--
	6	346	164	53	--	--
	14	182	66	0	--	--
TNSH01	1	-1651	346	55	--	--
	2	-742	210	91	--	--
	3	-457	285	14	--	--
	4	-65	392	88	--	--
	5	245	310	--	--	--
	12	-952	699	1	--	--
	14	392	147	--	--	--
TNSH02	1	-1855	375	71	--	--
	2	-925	240	99	--	--
	3	-730	195	51	--	--
	4	-205	525	99	--	--
	5	65	270	--	--	--
	6	242	90	--	--	--
	12	-1165	690	6	--	--
	14	152	87	--	--	--
TNSH03	1	-2141	419	64	<10	31
	2	-1149	225	99	<10	25
	3	-904	245	8	--	24
	4	-284	620	92	<10	21
	5	-53	231	55	<10	19
	6	391	358	--	--	17
	12	-1374	767	0	--	--
	14	33	86	0	--	--
TNSH04	2	-1002	234	99	--	--
	3	-810	192	64	--	--
	4	-337	473	99	--	--
	5	73	410	93	--	--
	6	248	127	--	--	--
	12	-1236	--	--	--	--
	14	121	48	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
TNSH05	2	-1052	--	--	--	--
	3	-814	238	34	--	25
	4	-247	567	97	--	22
	5	72	319	77	--	19
	6	310	178	--	--	17
	14	132	60	17	--	--
TNSH06	3	-873	--	--	--	--
	4	-361	512	83	<10	32
	5	-55	306	96	<10	25
	6	287	293	95	<10	18
	14	-6	49	31	--	--
TNSH07	2	-957	208	99	--	29
	3	-720	237	15	--	27
	4	-270	450	98	--	23
	5	88	358	93	--	19
	6	260	112	--	--	17
	12	-1165	--	--	--	--
	14	148	60	0	--	--
TNTP01	5	-65	--	--	--	--
	6	385	310	62	--	--
	14	75	140	7	--	--
TNTP02	5	-84	--	--	--	--
	6	328	215	27	--	--
	14	113	197	0	--	--
TNWK01	2	-94	13	99	--	--
	3	66	160	28	--	--
	4	366	300	99	--	--
	5	430	64	27	--	--
	12	-107	253	6	--	--
TNWK02	1	-222	--	--	--	--
	2	113	87	99	--	18
	3	180	67	0	--	16
	4	458	278	99	--	14
	5	465	7	--	--	--
	12	26	248	23	--	--
TXAD01	3	-79	1310	62	<10	31
	4	61	140	99	--	22
	5	529	368	84	<10	18
	12	-1389	1470	1	--	--
	13	161	100	17	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXAD02	3	0	1810	80	<10	30
	4	100	100	99	<10	22
	5	490	190	77	<10	20
	12	-1810	1710	0	--	--
	13	300	200	17	--	--
TXAD03	3	36	1285	56	<10	28
	4	166	130	99	<10	22
	12	-1249	795	3	--	--
	13	352	186	25	--	--
TXAG01	3	-1222	3180	69	--	--
	5	-632	230	87	--	--
	6	278	500	45	--	--
	12	-4402	--	--	--	--
	13	-862	360	7	--	--
	14	-222	410	0	--	--
TXAR01	7	-7042	1800	30	--	79
	8	-4592	1640	40	38	53
	9	-1597	1765	27	--	40
	10	-582	1015	22	--	30
	11	5	587	32	--	25
	15	-8842	240	0	--	--
	16	-6232	810	0	--	--
	17	-3362	1230	2	--	--
TXAR02	7	-5742	2360	76	66	67
	8	-2777	2170	44	22	49
	9	-1207	1570	38	--	39
	10	-557	650	42	<10	30
	11	17	574	23	<10	25
	15	-8102	415	0	--	--
TXAR03	7	-7988	610	44	--	--
	8	-4238	1800	32	144	66
	9	-1938	2300	21	121	45
	10	-648	1290	28	18	31
	11	15	663	39	<10	25
	16	-6038	1950	0	--	--
TXAT01	3	-2148	2210	63	<10	56
	4	-1438	710	92	<10	47
	5	-148	920	70	<10	31
	6	402	50	--	--	17
	12	-4358	1960	1	--	--
	13	-1068	370	8	--	--
	14	352	500	6	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXAT02	3	662	343	57	<10	20
	12	319	1500	0	--	--
TXAT03	3	-1908	1740	71	<10	43
	4	-1208	700	99	<10	36
	5	142	1120	65	<10	28
	12	-3648	750	5	--	--
	13	-978	230	22	--	--
	14	402	260	28	--	--
TXAU01	3	-6119	4505	68	64	86
	5	-4634	240	63	--	60
	6	-2854	1185	57	<10	49
	7	-1034	650	46	<10	32
	8	106	1140	24	<10	25
	9	293	187	45	<10	20
	12	-10624	--	--	--	--
	13	-4874	1245	2	--	--
	14	-4039	595	2	--	--
	15	-1684	1170	3	--	--
TXAU02	3	-6280	2990	60	28	72
	6	-3910	730	64	26	51
	7	-2040	700	33	<10	38
	8	-730	1310	39	<10	31
	9	-70	660	58	<10	24
	10	140	210	56	<10	21
	12	-9270	970	3	--	--
	14	-4640	1640	0	--	--
	15	-2740	1170	2	--	--
TXAU03	3	-7714	--	--	--	--
	6	-4534	1065	61	49	61
	7	-2434	860	54	34	55
	8	-884	1550	39	<10	47
	9	21	905	39	<10	27
	10	250	229	76	<10	18
	14	-5599	2115	0	--	--
	15	-3294	1240	0	--	--
TXAU04	6	-6452	985	29	115	70
	7	-4052	1055	48	85	55
	8	-2112	1940	40	24	45
	9	-812	1300	40	<10	33
	10	-152	660	87	<10	25
	11	138	290	73	<10	21
	14	-7437	1905	0	--	--
	15	-5107	1345	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXBA01	3	500	215	46	--	--
	12	285	1450	0	--	--
TXBA02	3	465	1145	57	<10	26
	12	-680	525	0	--	--
TXBA03	3	573	742	73	--	23
	12	-169	1550	0	--	--
TXBA04	3	-498	2490	56	--	--
	4	-208	290	76	--	--
	5	550	548	66	--	--
	12	-2988	1920	1	--	--
	13	2	210	11	--	--
TXBE01	6	-4010	850	33	71	60
	7	-1930	25	8	--	40
	8	-160	715	37	<10	29
	9	346	506	33	--	24
	14	-4860	2365	0	--	--
	15	-1955	2055	3	--	--
	16	-875	1055	7	--	--
TXBE02	3	-5557	1980	43	37	73
	6	-1042	2065	43	18	40
	7	-257	25	0	--	27
	8	342	199	45	<10	23
	14	-3107	2450	2	--	--
	15	-282	760	11	--	--
	16	143	400	5	--	--
TXBE03	7	-3019	2040	31	39	62
	8	-1139	1500	29	18	42
	9	-124	1015	59	<10	31
	10	99	223	63	<10	25
	15	-5059	420	8	--	--
	16	-2639	380	3	--	--
TXBK01	7	-3928	3270	47	76	66
	8	-2193	1735	30	16	54
	9	-898	1295	45	<10	41
	10	-328	570	51	<10	31
	11	214	542	91	<10	25
	15	-7198	270	0	--	--
TXBK02	7	-4362	3650	37	24	70
	8	-2472	1890	44	36	50
	9	-1047	1425	30	30	38
	10	-457	590	66	<10	31
	11	95	552	56	<10	27
	15	-8012	480	2	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXBR01	7	-7050	2180	45	70	66
	8	-4765	935	50	103	59
	9	-1555	2315	34	17	39
	10	-540	1015	70	<10	31
	11	42	582	47	<10	27
	16	-5700	1350	0	--	--
	17	-3870	895	13	--	--
TXBR02	7	-10880	970	37	75	90
	8	-5355	1545	64	119	58
	9	-1605	2865	48	41	40
	10	-545	1060	43	--	31
	11	29	574	55	<10	27
	16	-6900	3980	1	--	--
	17	-4470	885	11	--	--
TXBR03	7	-9040	515	20	--	--
	8	-4825	1970	58	52	50
	9	-1585	2605	56	41	38
	10	-555	1030	60	--	30
	11	24	579	80	<10	27
	16	-6795	2245	0	--	--
	17	-4190	635	13	--	--
TXBR04	8	-4780	1710	68	43	67
	9	-1635	2560	42	24	46
	10	-570	1065	51	--	33
	11	3	573	46	--	26
	16	-6490	530	0	--	--
	17	-4195	585	42	--	--
TXBR05	8	-4820	1310	64	--	55
	9	-1640	2730	50	--	42
	10	-580	1060	34	--	31
	11	0	580	68	--	27
	16	-6130	1190	0	--	--
	17	-4370	450	17	--	--
TXBR06	7	-5877	1985	68	71	57
	8	-2897	2180	30	--	47
	9	-1287	1610	55	<10	38
	10	-497	790	86	<10	30
	11	58	555	25	<10	26
	15	-7862	--	--	--	--
	16	-5077	800	0	--	--
TXBU01	3	-675	2255	78	--	--
	4	-350	325	85	--	--
	5	410	640	68	--	--
	12	-2930	--	--	--	--
	13	-230	120	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXBU02	3	-2234	2990	68	16	50
	4	-2009	225	87	<10	39
	5	-964	680	65	<10	33
	6	256	850	44	<10	24
	12	-5224	2430	0	--	--
	13	-1644	365	2	--	--
	14	-594	370	5	--	--
	15	294	38	0	--	--
TXBZ01	3	-1681	2790	73	10	44
	4	-1531	150	93	<10	35
	5	-521	700	46	<10	30
	6	354	505	38	<10	24
	12	-4471	--	--	--	--
	13	-1221	310	0	--	--
	14	-151	370	0	--	--
TXBZ02	3	-3681	4050	76	52	61
	5	-2491	825	50	<10	41
	6	-1361	610	36	<10	33
	12	-7731	--	--	--	--
	13	-3316	365	0	--	--
	14	-1971	520	2	--	--
	15	225	1586	10	--	--
TXBZ03	3	-1349	2520	64	<10	48
	4	-1089	260	92	<10	35
	5	-169	780	60	<10	29
	6	352	171	58	<10	20
	12	-3869	3225	0	--	--
	13	-949	140	7	--	--
	14	181	350	1	--	--
TXCA01	3	-65	1570	25	<10	32
	4	435	500	78	<10	24
	12	-1635	--	--	--	--
	13	488	53	0	--	--
TXCH01	7	-7730	1640	34	87	79
	8	-3670	2820	55	143	56
	9	-1720	1950	44	81	40
	10	-635	1085	38	<10	29
	11	13	648	50	<10	23
	16	-6490	1240	5	--	--
TXCH02	7	-9019	1050	51	--	--
	8	-4219	2965	67	--	--
	9	-2104	2115	44	--	--
	10	-819	1285	51	--	--
	11	11	830	67	--	--
	16	-7184	1835	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXCH03	7	-5972	2180	51	93	70
	8	-3182	2290	25	70	51
	9	-1397	1785	44	24	37
	10	-497	900	69	--	28
	11	46	543	65	--	23
	15	-8152	790	0	--	--
	16	-5472	500	0	--	--
TXCK01	3	-8	1400	50	<10	30
	4	107	115	99	<10	22
	5	479	222	66	<10	18
	12	-1408	1550	1	--	--
	13	257	150	11	--	--
TXCK02	3	27	1890	66	--	--
	4	162	135	99	--	--
	5	440	138	47	--	--
	12	-1863	1585	0	--	--
	13	302	140	14	--	--
TXCK03	3	-146	2285	63	--	--
	4	9	155	97	--	--
	5	340	91	90	--	--
	12	-2431	1490	1	--	--
	13	249	240	0	--	--
TXCL01	8	-4618	1305	34	42	60
	9	-1328	1580	41	34	38
	10	-568	760	39	<10	29
	11	11	579	33	<10	24
	16	-5923	2650	1	--	--
	17	-2908	1710	0	--	--
TXCL02	8	-5236	880	52	--	59
	9	-1751	1590	61	--	39
	10	-621	1130	35	38	30
	11	13	634	48	<10	25
	16	-6116	3300	0	--	--
	17	-3341	1895	0	--	--
TXCM01	7	-8709	480	67	--	--
	8	-3529	4640	53	--	--
	9	-1579	1435	59	--	37
	10	-544	1035	71	<10	31
	11	31	575	63	<10	26
	16	-8169	540	0	--	--
	17	-3014	515	6	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXCM02	7	-7718	695	29	--	--
	8	-3173	3800	45	--	--
	9	-1448	1725	48	--	--
	10	-513	935	54	--	--
	11	48	561	57	--	--
	16	-6973	745	19	--	--
TXCM03	9	-2470	3140	6	--	63
	10	-740	1730	25	19	44
	11	0	740	33	18	22
	17	-5610	1962	1	--	--
TXCO01	3	-6430	4390	60	--	--
	6	-3460	1045	72	--	--
	7	-1390	745	49	--	--
	8	-120	1270	41	--	--
	9	295	415	73	--	--
	12	-10820	--	--	--	--
	14	-4505	1925	0	--	--
	15	-2135	1325	0	--	--
TXCO02	3	-6693	--	--	--	--
	6	-3653	955	50	31	57
	7	-1623	830	28	20	40
	8	-193	1430	16	--	30
	9	260	453	59	<10	20
	14	-4608	2085	0	--	--
	15	-2453	1200	0	--	--
TXCO03	3	-6387	4175	53	93	95
	6	-3522	1040	58	34	56
	7	-1402	760	27	17	37
	8	-97	1305	37	--	28
	9	322	419	47	--	20
	12	-10562	--	--	--	--
	14	-4562	1825	0	--	--
	15	-2162	1360	0	--	--
TXCO04	3	-8480	--	--	--	--
	6	-5845	565	23	12	66
	7	-3270	915	37	13	49
	8	-1580	1690	26	<10	39
	9	-480	1100	37	<10	29
	10	-55	425	47	<10	23
	11	190	245	87	<10	21
	14	-6410	2070	0	--	--
	15	-4185	1660	1	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXCS01	3	8	430	62	<10	25
	4	158	150	97	<10	22
	5	321	103	83	<10	20
	12	-422	920	0	--	--
	13	218	60	0	--	--
TXCS02	3	-302	530	60	<10	27
	4	-92	210	93	<10	24
	5	308	380	78	<10	22
	12	-832	910	0	--	--
	13	-72	20	0	--	--
TXCS03	3	-21	440	53	<10	25
	4	39	60	99	<10	23
	5	207	118	69	<10	21
	12	-461	875	0	--	--
	13	89	50	0	--	--
TXCS04	3	227	313	44	<10	22
	12	-86	910	0	--	--
TXDI01	3	755	694	40	<10	26
	12	61	375	5	--	--
TXDI02	3	-774	1355	63	<10	39
	4	-479	295	86	<10	34
	5	575	954	31	<10	29
	12	-2129	715	0	--	--
	13	-379	100	0	--	--
TXDI03	3	-272	1070	57	<10	35
	4	-82	190	87	<10	31
	5	701	733	28	--	28
	12	-1342	350	0	--	--
	13	-32	50	0	--	--
TXDU01	5	-4614	1500	62	17	77
	6	-1599	1815	45	14	51
	7	266	490	31	--	27
	8	702	436	39	<10	23
	13	-6114	470	0	--	--
	14	-3414	1200	0	--	--
	15	-224	1375	7	--	--
TXDU02	5	-5969	530	31	--	--
	6	-1849	2490	62	--	--
	7	-1129	70	93	--	--
	8	411	410	67	--	--
	9	580	169	77	--	--
	14	-4339	1630	0	--	--
	15	-1199	650	11	--	--
	16	1	1130	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXDU03	7	-3221	1325	33	<10	56
	8	-561	1105	33	<10	35
	9	189	750	55	<10	29
	10	330	141	73	<10	25
	15	-4546	915	19	--	--
	16	-1666	1555	2	--	--
TXDU04	6	-4178	1150	53	--	--
	7	-1618	1360	24	<10	44
	8	-423	1195	29	<10	35
	9	287	710	15	<10	28
	10	461	174	83	<10	25
	15	-2978	1200	15	--	--
TXDW01	3	-7406	1400	47	34	92
	7	-2431	995	41	12	48
	8	-406	1310	42	<10	33
	9	175	581	52	<10	25
	15	-3426	3980	0	--	--
	16	-1716	715	0	--	--
TXDW02	3	-7290	2050	49	--	--
	7	-2040	1000	14	--	--
	8	-550	1490	27	--	--
	9	191	741	48	--	--
	15	-3040	4250	0	--	--
TXDW03	3	-7022	2100	46	33	84
	6	-4207	590	45	28	58
	7	-1932	940	18	14	40
	8	-512	1420	43	<10	33
	9	166	678	40	<10	26
	14	-4797	2225	0	--	--
	15	-2872	1335	0	--	--
TXDW04	3	-5950	3340	62	46	84
	6	-3130	690	68	30	52
	7	-620	625	48	<10	32
	8	145	765	50	<10	26
	9	378	233	73	<10	22
	12	-9290	2610	0	--	--
	14	-3820	2130	0	--	--
	15	-1245	1885	6	--	--
TXDW05	3	-6027	3090	54	72	87
	6	-2897	830	67	31	52
	7	-147	280	64	<10	27
	8	403	550	55	<10	23
	12	-9117	460	0	--	--
	14	-3727	2300	0	--	--
	15	-427	2470	17	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXFB01	6	-7243	635	27	--	--
	7	-4578	1340	37	--	--
	8	-2488	2090	28	--	--
	9	-1048	1440	21	--	--
	10	-328	720	41	--	--
	11	100	428	67	--	--
	15	-5918	1325	0	--	--
TXFB02	7	-4860	1725	44	134	64
	8	-2730	2130	50	43	51
	9	-1220	1510	47	<10	36
	10	-450	770	69	<10	27
	11	80	530	76	<10	21
	15	-6585	1120	1	--	--
TXFO01	3	-1333	1390	63	<10	41
	4	-568	765	80	<10	35
	5	559	1022	42	<10	29
	12	-2723	1410	0	--	--
	13	-463	105	0	--	--
TXFO02	3	364	565	60	<10	25
	4	673	309	70	<10	20
	12	-201	--	--	--	--
TXFR01	3	440	798	69	<10	22
	12	-358	860	0	--	--
TXFS01	3	400	1041	48	<10	24
	12	-641	1800	1	--	--
TXFS02	3	256	490	51	--	22
	12	-234	1800	1	--	--
TXFS03	3	513	325	48	--	--
	12	188	960	0	--	--
TXFY01	3	-1839	--	--	--	--
	4	-1129	710	75	<10	38
	5	-59	680	58	<10	29
	6	460	119	62	<10	22
	13	-739	390	3	--	--
	14	341	400	0	--	--
TXFY02	3	-2084	--	--	--	--
	4	-1709	375	79	--	--
	5	-774	835	68	--	--
	6	326	700	56	--	--
	13	-1609	100	0	--	--
	14	-374	400	4	--	--
	15	365	39	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXFY03	3	-3485	3700	70	77	65
	4	-3150	335	79	<10	50
	5	-2055	850	36	<10	44
	6	-715	950	53	<10	34
	7	450	195	32	--	23
	12	-7185	2620	0	--	--
	13	-2905	245	0	--	--
	14	-1665	390	0	--	--
	15	255	970	11	--	--
TXFY04	3	-5295	--	--	--	--
	4	-4915	380	84	--	--
	5	-3555	870	30	--	--
	6	-2245	810	58	--	--
	7	-760	635	23	--	--
	8	366	1126	43	--	--
	13	-4425	490	0	--	--
	14	-3055	500	0	--	--
	15	-1395	850	0	--	--
TXGA01	7	-8296	2370	42	107	80
	8	-4291	2400	39	95	56
	9	-1576	2715	48	95	40
	10	-571	1005	66	13	29
	11	17	588	41	<10	24
	16	-6691	1605	0	--	--
TXGG01	3	-73	670	34	<10	26
	4	72	145	79	<10	22
	5	276	114	76	<10	20
	12	-743	1510	1	--	--
	13	162	90	0	--	--
TXG001	7	-2610	1080	44	21	47
	8	-690	1530	20	<10	35
	9	140	830	63	<10	27
	10	209	69	17	--	23
	15	-3690	5070	0	--	--
	16	-2220	390	0	--	--
TXG002	7	-3000	440	68	23	51
	8	-580	960	27	<10	33
	9	110	690	49	<10	26
	10	200	90	24	--	23
	15	-3440	2350	0	--	--
	16	-1540	1460	0	--	--
TXGR01	3	-2886	4600	69	86	77
	5	-1856	730	49	<10	39
	6	-326	1000	43	<10	29
	12	-7486	--	--	--	--
	13	-2586	300	0	--	--
	14	-1326	530	0	--	--
	15	380	706	11	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXGR02	3	-5017	5165	68	98	65
	5	-3887	800	38	38	51
	6	-2252	1125	47	14	45
	7	-202	835	24	<10	31
	8	315	517	42	<10	23
	12	-10182	--	--	--	--
	13	-4687	330	0	--	--
	14	-3377	510	0	--	--
	15	-1037	1215	6	--	--
TXGR03	3	-2184	--	--	--	--
	5	-1294	660	66	<10	37
	6	166	1010	38	<10	26
	13	-1954	230	4	--	--
	14	-844	450	7	--	--
	15	355	189	0	--	--
TXGU01	3	490	995	42	<10	26
	4	639	149	99	<10	21
	12	-505	1320	0	--	--
TXGZ01	3	-2428	2360	49	11	51
	4	-1708	720	81	<10	40
	5	-528	770	31	<10	32
	6	290	258	70	<10	24
	12	-4788	--	--	--	--
	13	-1298	410	4	--	--
	14	32	560	4	--	--
TXGZ02	3	-4440	2900	65	58	75
	4	-3730	710	84	37	62
	5	-2450	900	16	11	54
	6	-260	1475	55	10	37
	7	332	277	42	<10	19
	12	-7340	2935	0	--	--
	13	-3350	380	5	--	--
	14	-1735	715	3	--	--
	15	55	315	11	--	--
TXGZ03	3	-48	1450	48	<10	34
	4	297	345	99	<10	19
	12	-1498	1680	0	--	--
	13	382	85	5	--	--
TXGZ04	3	-1437	1725	43	<10	38
	4	-507	930	91	<10	31
	5	331	688	64	<10	27
	12	-3162	2080	0	--	--
	13	-357	150	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXHA01	6	-7346	1310	68	93	77
	7	-3456	2290	61	118	50
	8	-1656	1800	49	<10	36
	9	-896	760	44	<10	29
	10	-346	550	71	<10	25
	11	65	411	92	<10	23
	14	-8656	875	0	--	--
	15	-5746	1600	0	--	--
TXHA02	6	-6277	1215	61	71	68
	7	-2642	2200	50	45	50
	8	-1012	1630	44	<10	36
	9	-462	550	67	<10	27
	10	-97	365	65	<10	23
	11	82	179	76	<10	20
	14	-7492	1400	0	--	--
	15	-4842	1435	0	--	--
TXHE01	3	444	804	63	<10	23
	12	-360	1645	2	--	--
TXHE02	3	298	980	73	<10	25
	4	368	70	99	<10	20
	5	448	15	40	--	19
	12	-682	1620	0	--	--
	13	433	65	18	--	--
TXHI01	7	-3432	2775	33	96	63
	8	-1832	1600	5	--	46
	9	-632	1200	33	13	35
	10	-102	530	48	--	28
	11	298	400	60	<10	24
	15	-6207	580	0	--	--
TXHI02	7	-6323	3690	35	92	79
	8	-3223	3100	17	55	58
	9	-1298	1925	43	10	41
	10	-443	855	61	<10	32
	11	72	515	47	<10	27
TXHI03	7	-5442	2845	36	--	81
	8	-2697	2745	6	--	58
	9	-1032	1665	33	12	40
	10	-312	720	59	<10	31
	11	94	406	55	<10	26
TXHI04	7	-7280	845	76	--	--
	8	-2945	3695	52	--	--
	9	-1285	1660	55	--	--
	10	-480	805	41	<10	32
	11	56	536	58	<10	27
	16	-6640	640	15	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXHN01	3	110	670	36	<10	27
	4	260	150	87	<10	22
	5	368	28	38	--	20
	12	-560	1330	3	--	--
	13	340	80	4	--	--
TXHN02	3	309	300	74	<10	22
	12	9	1270	2	--	--
TXHN03	3	60	660	56	<10	26
	4	280	220	95	<10	22
	5	372	72	56	<10	21
	12	-600	1480	2	--	--
	13	300	20	0	--	--
TXHN04	3	338	350	58	--	--
	12	-12	1280	1	--	--
TXHO01	12	406	564	6	--	--
TXHR01	6	-6795	1135	32	50	72
	7	-4575	925	38	65	57
	8	-2125	1815	24	--	43
	9	-900	1225	49	<10	32
	10	-295	605	77	<10	25
	11	96	391	61	<10	21
	14	-7930	750	0	--	--
	15	-5500	1295	0	--	--
	16	-3940	635	7	--	--
TXHR02	3	-8966	750	49	--	--
	6	-5726	1065	51	--	--
	7	-3211	875	36	--	--
	8	-1576	1635	22	--	--
	9	-476	1100	30	--	--
	10	14	490	80	--	--
	11	161	147	37	--	--
	14	-6791	2175	0	--	--
	15	-4086	1640	0	--	--
TXHR03	6	-6535	1060	31	50	65
	7	-3945	1030	44	43	49
	8	-2015	1680	16	13	39
	9	-875	1140	47	10	30
	10	-280	595	78	--	25
	11	91	371	78	--	22
	14	-7595	1900	0	--	--
	15	-4975	1560	0	--	--
	16	-3695	250	7	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXHR04	6	-8293	235	38	--	--
	7	-5413	1115	35	65	59
	8	-2488	2020	42	22	43
	9	-1128	1360	35	<10	33
	10	-393	735	57	<10	26
	11	61	454	51	<10	22
	15	-6528	1765	1	--	--
	16	-4508	905	10	--	--
TXHS01	3	-217	2390	51	<10	35
	4	-42	175	99	<10	24
	5	262	139	60	<10	21
	12	-2607	1295	0	--	--
	13	123	165	8	--	--
TXHS02	3	-570	2775	51	--	36
	4	-365	205	98	<10	26
	5	214	379	73	<10	23
	12	-3345	1170	0	--	--
	13	-165	200	9	--	--
TXHS03	3	-985	3180	56	<10	48
	4	-735	250	99	<10	31
	5	85	610	71	<10	25
	12	-4165	1520	0	--	--
	13	-525	210	0	--	--
	14	375	290	11	--	--
TXJA01	7	-5208	--	--	--	--
	8	-2683	1740	39	37	43
	9	-763	1180	39	<10	30
	10	-323	440	65	<10	26
	11	77	400	56	<10	23
	16	-4423	785	11	--	--
	17	-1943	740	7	--	--
TXJA02	7	-5182	3585	64	69	61
	8	-3797	780	48	59	46
	9	-1062	1400	41	25	32
	10	-467	595	63	<10	27
	11	35	502	50	<10	24
	16	-4577	605	0	--	--
	17	-2462	1335	12	--	--
TXJE01	8	-3965	3060	57	91	51
	9	-2045	1920	42	54	38
	10	-800	1245	50	30	29
	11	13	813	47	--	24
	16	-7025	750	2	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXJH01	5	-5170	990	45	--	--
	6	-1665	2005	54	--	--
	7	415	1105	28	<10	14
	8	819	404	43	<10	--
	14	-3670	1500	0	--	--
	15	-690	975	0	--	--
TXJH02	7	-2057	1750	37	<10	49
	8	-807	1250	27	<10	37
	9	133	940	75	<10	28
	10	442	309	63	<10	24
	15	-3807	740	8	--	--
TXJS01	3	-3205	3840	57	--	--
	5	-2595	235	74	--	--
	6	-1070	1150	48	--	--
	7	109	289	58	--	--
	12	-7045	835	0	--	--
	13	-2830	375	11	--	--
	14	-2220	375	10	--	--
	15	-180	890	0	--	--
TXJS02	3	-5148	--	--	--	--
	5	-4468	225	53	46	55
	6	-2808	1290	59	26	46
	7	-818	1205	28	13	31
	8	170	988	81	<10	22
	13	-4693	455	3	--	--
	14	-4098	370	0	--	--
	15	-2023	785	0	--	--
TXJS03	6	-6786	870	47	--	68
	7	-2901	2275	63	47	44
	8	-1171	1730	60	<10	32
	9	-549	622	74	<10	26
	10	-126	423	94	<10	23
	11	90	216	51	<10	21
	14	-7656	--	--	--	--
	15	-5176	1610	3	--	--
TXJS04	7	-5095	1735	62	50	41
	8	-2405	2335	72	37	32
	9	-1215	1190	41	<10	27
	10	-455	760	70	<10	24
	11	35	490	69	<10	23
	15	-6830	--	--	--	--
	16	-4740	355	5	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXJW01	7	-2866	1130	11	13	54
	8	-706	1200	23	<10	36
	9	159	865	61	<10	25
	10	302	143	59	<10	19
	15	-3996	890	7	--	--
	16	-1906	960	13	--	--
TXJW02	7	-3938	3055	30	--	--
	8	-1653	1420	26	--	--
	9	-668	985	17	--	--
	10	-203	465	98	--	--
	11	129	332	42	--	--
	16	-3073	865	9	--	--
TXKA01	3	-5848	1975	51	--	--
	6	-1583	2045	40	--	44
	7	-673	15	20	--	32
	8	258	611	53	<10	28
	14	-3628	2220	1	--	--
	15	-688	895	6	--	--
TXKA02	16	-353	320	17	--	--
	3	-6449	--	--	--	--
	6	-1839	2055	30	17	48
	7	-914	10	20	--	34
	8	76	655	46	<10	29
	9	311	235	5	--	26
TXKE01	14	-3894	2555	4	--	--
	15	-924	915	7	--	--
	16	-579	335	15	--	--
	7	-8442	2040	56	--	--
	8	-3562	3880	54	--	--
	9	-1697	1295	34	--	--
TXKE02	10	-592	1105	44	--	--
	11	-10	582	28	--	--
	16	-7442	1000	4	--	--
	17	-2992	570	2	--	--
	7	-6520	4450	48	52	83
	8	-2970	3550	49	40	59
TXKE03	9	-1400	1120	60	--	41
	10	-580	820	35	<10	32
	11	10	590	60	<10	25
	17	-2520	450	7	--	--
	7	-6183	3765	46	--	79
	8	-3348	2835	40	25	61
	9	-1318	2030	34	--	47
	10	-518	800	45	<10	32
	11	31	549	64	<10	24

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXKE04	7	-5467	3825	39	83	74
	8	-3102	2365	52	52	54
	9	-1177	1925	42	33	42
	10	-517	660	62	<10	31
	11	43	560	37	<10	25
TXKE05	7	-6924	3960	63	74	84
	8	-3244	3080	54	57	61
	9	-1529	1285	65	27	46
	10	-629	900	42	<10	35
	11	5	634	48	12	24
	16	-6324	600	5	--	--
	17	-2814	430	6	--	--
TXKF01	12	360	784	5	--	--
TXKL01	7	-7898	1080	52	--	--
	8	-4328	2600	55	--	--
	9	-1623	2155	37	37	--
	10	-628	995	49	34	32
	11	0	628	61	--	25
	16	-6928	970	0	--	--
	17	-3778	550	26	--	--
TXKL02	7	-5659	3790	39	--	--
	8	-3079	2380	51	--	--
	9	-1224	1855	13	--	--
	10	-539	685	51	--	--
	11	32	571	18	--	--
	16	-5459	200	0	--	--
TXLE01	3	-452	2570	52	<10	34
	4	-162	290	72	<10	26
	5	453	515	52	<10	23
	12	-3022	2095	0	--	--
	13	-62	100	0	--	--
TXLI01	3	-9026	--	--	--	--
	6	-5796	1180	79	73	64
	7	-2636	1885	32	43	48
	8	-1116	1520	33	<10	38
	9	-346	770	18	<10	26
	10	-26	320	70	<10	20
	11	140	166	67	--	17
	14	-6976	2050	0	--	--
	15	-4521	1275	0	--	--
TXLI02	7	-6722	1990	66	86	69
	8	-3412	2760	47	65	57
	9	-1522	1890	52	30	44
	10	-572	950	41	<10	29
	11	33	605	65	<10	21
	15	-8712	440	0	--	--
	16	-6172	550	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXLI03	3	-9306	660	64	--	--
	6	-5846	1355	64	--	--
	7	-2996	1650	23	--	--
	8	-1396	1600	40	<10	--
	9	-501	895	23	<10	33
	10	-86	415	94	<10	19
	11	123	209	48	<10	--
	14	-7201	2105	0	--	--
	15	-4646	1200	0	--	--
TXLI04	7	-4170	1900	43	91	62
	8	-2230	1940	35	33	53
	9	-995	1235	48	<10	41
	10	-365	630	62	<10	26
	11	72	437	38	<10	17
	15	-6070	1845	0	--	--
TXLI05	7	-4967	1970	74	111	65
	8	-2487	2190	37	58	52
	9	-1187	1300	20	<10	38
	10	-437	750	82	<10	27
	11	46	483	40	<10	20
	15	-6937	500	3	--	--
	16	-4677	290	4	--	--
TXLM01	3	396	653	59	<10	22
	12	-257	900	3	--	--
TXLN01	3	54	1800	75	<10	30
	4	219	165	91	<10	22
	5	460	101	78	<10	20
	12	-1746	1280	0	--	--
	13	359	140	13	--	--
TXLN02	3	-992	2965	66	<10	45
	4	-757	235	99	<10	31
	5	158	675	70	<10	25
	12	-3957	1850	0	--	--
	13	-517	240	0	--	--
	14	251	93	0	--	--
TXLN03	3	-578	2420	63	<10	40
	4	-338	240	90	<10	27
	5	479	557	73	<10	21
	12	-2998	940	0	--	--
	13	-78	260	17	--	--
TXLO01	3	-6001	--	--	--	--
	4	-5386	615	75	<10	64
	5	-3976	520	34	--	53
	6	-481	2105	49	<10	37
	7	-281	30	13	--	28
	8	160	216	12	--	25
	13	-4496	890	0	--	--
	14	-2586	1390	0	--	--
	15	-311	170	0	--	--
	16	-56	225	12	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
TXL002	4	-8118	590	50	--	--
	6	-2558	2120	33	--	61
	7	-1628	40	7	--	42
	8	2	610	65	<10	29
	9	211	209	34	--	25
	14	-4678	3440	0	--	--
	15	-1668	890	4	--	--
	16	-608	1020	8	--	--
TXL003	6	-2238	2270	47	58	56
	7	-1168	20	0	--	41
	8	202	565	59	<10	27
	9	392	190	24	--	20
	14	-4508	1480	0	--	--
	15	-1188	1050	0	--	--
	16	-363	805	2	--	--
TXLS01	3	-1467	1510	60	<10	44
	4	-747	720	73	<10	37
	5	453	1102	42	<10	31
	12	-2977	1420	2	--	--
	13	-649	98	15	--	--
	14	544	91	35	--	--
TXLS02	3	-2404	1970	46	<10	53
	4	-1304	1100	79	<10	45
	5	261	445	79	<10	29
	12	-4374	--	--	--	--
	13	-184	1120	12	--	--
	14	496	235	0	--	--
TXLS03	3	-2685	1520	55	<10	48
	4	-1785	900	76	<10	42
	5	-75	1435	62	<10	34
	12	-4205	1200	1	--	--
	13	-1510	275	42	--	--
	14	435	510	10	--	--
TXLS04	3	-3331	1900	37	<10	57
	4	-2551	780	88	<10	48
	5	-1421	1045	83	<10	42
	6	382	653	30	<10	30
	12	-5231	--	--	--	--
	13	-2466	85	0	--	--
	14	-271	1150	18	--	--
TXLV01	3	-4790	3155	52	75	66
	6	-1625	1450	40	<10	39
	7	-40	875	29	<10	27
	8	360	400	28	<10	22
	12	-7945	--	--	--	--
	14	-3075	1715	3	--	--
	15	-915	710	11	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
TXLV02	3	-6106	3180	58	53	77
	6	-3236	885	31	<10	56
	7	-1511	610	13	--	46
	8	-226	1285	26	<10	35
	9	200	426	36	<10	22
	12	-9286	--	--	--	--
	14	-4121	1985	0	--	--
	15	-2121	1115	2	--	--
TXLV03	3	-6482	3785	61	48	80
	6	-3847	750	21	--	50
	7	-2132	725	0	--	39
	8	-482	1350	20	<10	31
	9	220	702	47	<10	24
	12	-10267	--	--	--	--
	14	-4597	1885	0	--	--
	15	-2857	990	33	--	--
TXLV04	16	-1832	300	0	--	--
	3	-8270	720	72	--	--
	6	-5180	705	27	--	--
	7	-3068	750	36	--	--
	8	-1368	1700	12	<10	44
	9	-180	1188	31	<10	30
	10	199	379	66	<10	23
	14	-5885	2385	0	--	--
TXLV05	15	-3818	1362	0	--	--
	3	-8236	880	68	--	--
	7	-3381	705	39	--	--
	8	-1096	1450	19	<10	38
	9	-151	945	70	<10	28
	10	144	295	75	<10	23
	15	-4086	4150	0	--	--
	16	-2546	835	6	--	--
TXMG01	8	-4934	960	68	100	58
	9	-1724	2640	32	41	42
	10	-584	1140	57	27	30
	11	1	585	51	<10	24
	16	-5894	985	0	--	--
	17	-4364	570	11	--	--
TXMG02	8	-4432	1720	74	105	59
	9	-1577	2380	41	90	45
	10	-542	1035	42	--	33
	11	10	552	37	<10	23
	16	-6152	520	0	--	--
	17	-3957	475	11	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXMG03	7	-7308	1770	36	--	--
	8	-5023	760	38	--	--
	9	-1613	2330	28	15	39
	10	-558	1055	48	<10	29
	11	10	568	32	<10	24
	16	-5783	1525	0	--	--
	17	-3943	1080	13	--	--
TXMG04	8	-4633	1740	59	87	59
	9	-1558	2315	44	87	40
	10	-523	1035	42	35	29
	11	24	547	37	<10	24
	16	-6373	680	0	--	--
	17	-3873	760	19	--	--
TXMG05	7	-7112	1865	42	78	70
	8	-5322	560	27	50	58
	9	-1577	2295	22	18	43
	10	-547	1030	53	<10	30
	11	10	557	52	<10	24
	16	-5882	1230	0	--	--
	17	-3872	1450	10	--	--
TXMI01	3	496	759	62	--	--
	12	-263	645	2	--	--
TXMM01	3	-3208	2320	43	<10	54
	4	-2563	645	93	<10	45
	5	-908	1275	85	<10	37
	6	321	834	27	<10	27
	12	-5528	--	--	--	--
	13	-2183	380	7	--	--
	14	-513	395	0	--	--
TXMM02	3	-6159	1185	32	18	81
	4	-5654	505	78	<10	74
	5	-4024	805	35	--	61
	6	-614	2210	48	<10	37
	7	-254	20	0	--	28
	8	244	278	47	<10	26
	13	-4829	825	0	--	--
	14	-2824	1200	0	--	--
	15	-274	340	0	--	--
	16	-34	220	0	--	--
TXMM03	3	-5549	1305	39	26	79
	4	-4999	550	71	12	71
	5	-3234	1240	50	43	59
	6	-1334	920	51	10	41
	8	288	92	--	--	24
	12	-6854	350	0	--	--
	13	-4474	525	0	--	--
	14	-2254	980	0	--	--
	15	196	1530	5	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
TXMM04	3	-5491	1225	20	--	--
	4	-4196	1295	80	--	--
	5	-2166	1500	70	--	--
	6	-1216	400	74	--	--
	13	-3666	530	0	--	--
	14	-1616	550	0	--	--
	15	255	1471	7	--	--
TXMM05	5	-5527	840	23	--	--
	6	-1417	2470	56	--	--
	7	-407	30	99	<10	35
	8	418	225	44	<10	20
	14	-3887	1640	0	--	--
	15	-437	980	3	--	--
	16	193	600	0	--	--
TXM001	3	150	395	62	<10	29
	4	335	185	95	<10	--
	12	-245	960	0	--	--
	13	374	39	0	--	--
TXMY01	3	-5942	4720	72	43	87
	5	-4932	720	25	38	64
	6	-3102	1060	57	<10	51
	7	-1217	705	48	<10	34
	8	-117	1100	47	<10	27
	9	222	339	34	<10	21
	12	-10662	1340	0	--	--
	13	-5652	290	0	--	--
	14	-4162	770	0	--	--
	15	-1922	1180	4	--	--
TXMY02	3	-7312	4409	53	41	92
	6	-4122	1560	55	55	66
	7	-1662	1260	21	<10	46
	8	-412	1250	56	<10	32
	9	78	490	69	<10	23
	10	264	186	72	<10	19
	12	-11721	--	--	--	--
	14	-5682	1630	0	--	--
	15	-2922	1200	3	--	--
TXMY03	3	-8102	--	--	--	--
	6	-5042	1300	62	47	62
	7	-2512	990	40	16	52
	8	-1042	1470	34	<10	40
	9	-132	910	71	<10	27
	10	169	301	59	<10	21
	14	-6342	1760	0	--	--
	15	-3502	1540	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXMY04	3	-8290	3985	66	--	--
	6	-5125	1270	67	--	--
	7	-2675	900	22	--	--
	8	-1090	1585	19	--	--
	9	-125	965	43	--	--
	10	203	328	50	--	--
	14	-6395	1895	0	--	--
	15	-3575	1550	0	--	--
TXNA01	3	-46	2085	65	<10	34
	4	169	215	93	<10	22
	5	345	76	70	<10	19
	12	-2131	1010	0	--	--
	13	269	100	0	--	--
TXNA02	3	73	2105	62	<10	29
	4	288	215	99	<10	21
	5	525	112	68	<10	19
	12	-2032	975	0	--	--
	13	413	125	0	--	--
TXNE01	3	-4792	4370	59	79	--
	5	-4242	205	59	41	62
	6	-2552	1156	55	22	50
	7	-772	1027	42	<10	31
	8	108	880	76	<10	22
	12	-9162	--	--	--	--
	13	-4447	345	4	--	--
	14	-3708	534	6	--	--
	15	-1799	753	3	--	--
TXNE02	3	-4431	4225	48	44	73
	5	-3916	195	41	64	52
	6	-2341	1105	39	46	43
	7	-516	1035	40	--	28
	8	330	846	66	--	20
	12	-8656	1175	0	--	--
	13	-4111	320	1	--	--
	14	-3446	470	3	--	--
	15	-1551	790	3	--	--
TXNE03	3	-5053	4580	47	37	86
	5	-4513	220	41	45	65
	6	-2993	1042	53	49	57
	7	-633	1100	30	<10	35
	8	297	930	77	--	19
	12	-9633	1180	1	--	--
	13	-4733	320	2	--	--
	14	-4035	478	4	--	--
	15	-1733	1260	6	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXNE04	3	-7830	--	--	--	--
	6	-5130	1265	56	105	59
	7	-1870	2095	43	10	40
	8	-410	1460	65	<10	27
	9	0	410	76	<10	21
	10	80	80	99	<10	19
	14	-6395	1435	2	--	--
	15	-3965	1165	6	--	--
TXNE05	3	-9087	--	--	--	--
	6	-6427	1180	45	31	61
	7	-2812	2245	53	50	43
	8	-1127	1685	62	<10	32
	9	-537	590	31	<10	25
	10	-138	399	39	<10	22
	11	60	198	81	<10	20
	14	-7607	1480	1	--	--
TXNU01	15	-5057	1370	1	--	--
	7	-3310	2540	10	20	57
	8	-1165	1215	37	<10	37
	9	-215	950	62	<10	30
	10	99	314	70	<10	25
	15	-5850	--	--	--	--
TXNU02	16	-2380	930	0	--	--
	7	-5574	4430	71	78	76
	8	-3444	1625	59	62	53
	9	-1114	1530	38	33	38
	10	-494	620	75	12	31
	11	36	530	48	<10	27
	15	-10004	440	0	--	--
	16	-5069	505	8	--	--
TXNU03	17	-2644	800	10	--	--
	7	-8057	195	41	--	--
	8	-4722	1735	66	--	--
	9	-1617	2030	56	--	--
	10	-617	1000	18	--	--
	11	56	673	25	--	--
	15	-8252	150	0	--	--
	16	-6457	1600	0	--	--
TXNV01	17	-3647	1075	5	--	--
	12	375	548	11	--	--
TXOR01	8	-4045	3125	59	141	56
	9	-2045	2000	46	102	40
	10	-825	1220	55	65	29
	11	4	829	49	<10	23
	16	-7170	1805	13	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXOR02	7	-7051	1265	60	--	--
	8	-3551	2960	65	--	--
	9	-1716	1835	37	--	--
	10	-661	1055	61	--	--
	11	12	673	76	--	--
	16	-6511	540	6	--	--
TXPA01	3	307	518	72	<10	18
	12	-211	900	1	--	--
TXPA02	3	294	369	66	--	21
	12	-75	890	0	--	--
TXPO01	3	-5933	4520	47	18	88
	5	-5223	130	50	--	65
	6	-3283	1360	57	25	54
	7	-1023	1160	28	<10	34
	8	-53	970	52	<10	26
	9	284	337	0	--	20
	12	-10453	--	--	--	--
	13	-5353	580	0	--	--
	14	-4643	580	5	--	--
	15	-2183	1100	3	--	--
TXPO02	3	-6622	--	--	--	--
	6	-3707	1400	59	70	50
	7	-1367	1255	10	<10	34
	8	-332	1035	52	<10	27
	9	126	458	29	<10	22
	14	-5107	1515	0	--	--
	15	-2622	1085	0	--	--
TXPO03	3	-3244	4020	69	56	56
	5	-2534	200	82	--	39
	6	-1104	980	50	<10	32
	12	-7264	1530	0	--	--
	13	-2734	510	0	--	--
	14	-2084	450	0	--	--
	15	267	1371	6	--	--
TXPO04	3	-7714	2640	46	60	84
	6	-4764	1340	59	29	61
	7	-1984	1680	25	15	46
	8	-549	1435	38	<10	34
	9	-29	520	71	<10	24
	10	165	194	57	<10	20
	14	-6104	1610	0	--	--
	15	-3664	1100	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXRA01	3	460	475	63	--	--
	12	-15	1115	0	--	--
TXRA02	3	470	158	62	<10	--
	12	312	1180	4	--	--
TXRE01	7	-4763	3430	46	72	61
	8	-2633	2130	55	57	51
	9	-1073	1560	12	24	45
	10	-443	630	60	<10	28
	11	43	486	49	<10	--
	15	-8193	--	--	--	--
TXRO01	3	296	896	58	<10	14
	12	-600	1190	2	--	--
TXRO02	3	359	88	--	--	17
	12	271	300	0	--	--
TXRU01	3	340	975	74	<10	23
	4	400	60	--	--	18
	12	-635	1155	1	--	--
TXRU02	3	417	835	59	<10	21
	12	-418	1170	0	--	--
TXRU03	3	133	1265	62	--	--
	4	313	180	99	--	--
	12	-1132	1090	0	--	--
	13	417	104	0	--	--
TXRU04	3	47	1405	24	<10	28
	4	197	150	99	<10	20
	5	581	234	60	<10	17
	12	-1358	1480	2	--	--
	13	347	150	9	--	--
TXSA01	3	-473	2925	65	12	37
	5	-18	290	60	<10	26
	12	-3398	1030	0	--	--
	13	-308	165	6	--	--
	14	252	270	3	--	--
TXSB01	3	286	2075	60	<10	30
	12	-1789	845	0	--	--
TXSB02	3	-1419	3340	62	27	50
	5	-999	305	44	<10	33
	6	171	890	60	--	26
	12	-4759	1050	0	--	--
	13	-1304	115	0	--	--
	14	-719	280	6	--	--
	15	221	50	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXSB03	3	-707	3300	65	21	41
	5	-407	240	46	<10	28
	6	216	333	59	<10	24
	12	-4007	--	--	--	--
	13	-647	60	0	--	--
	14	-117	290	4	--	--
TXSH01	3	347	1090	62	<10	26
	12	-743	1280	1	--	--
TXSH02	3	245	910	54	<10	25
	12	-665	730	0	--	--
TXSJ01	3	-4852	4730	66	44	78
	5	-3962	590	38	38	54
	6	-2202	1250	41	16	43
	7	-242	810	38	<10	26
	8	250	492	70	<10	21
	12	-9582	1750	0	--	--
	13	-4552	300	0	--	--
	14	-3452	510	0	--	--
	15	-1052	1150	5	--	--
TXSJ02	3	-7606	3130	54	50	76
	6	-4296	1580	66	59	57
	7	-1796	1310	25	<10	44
	8	-446	1350	42	<10	32
	9	54	500	41	<10	22
	10	254	200	82	<10	18
	14	-5876	1730	0	--	--
	15	-3106	1190	0	--	--
TXSM01	3	-333	1165	46	<10	34
	4	-68	265	96	<10	26
	5	569	567	74	<10	21
	12	-1498	1490	1	--	--
	13	2	70	7	--	--
TXSM02	3	75	760	59	<10	27
	4	165	90	99	<10	23
	5	398	133	75	<10	21
	12	-685	1770	2	--	--
	13	265	100	17	--	--
TXSP01	7	-2726	2145	16	71	52
	8	-971	1140	44	32	35
	9	-81	890	78	<10	27
	10	149	230	40	--	23
	15	-4871	760	3	--	--
	16	-2111	615	7	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXSP02	7	-3722	4400	38	--	--
	8	-1662	1350	30	--	--
	9	-667	995	55	--	--
	10	-262	405	61	--	--
	11	54	316	41	--	--
	16	-3012	710	19	--	--
TXSP03	7	-6638	2140	60	--	--
	8	-4063	1660	48	--	--
	9	-1433	1650	44	--	--
	10	-563	870	38	--	--
	11	4	567	40	--	--
	16	-5723	915	2	--	--
	17	-3083	980	4	--	--
TXST01	7	-3822	3250	26	67	52
	8	-2102	1720	12	<10	54
	9	-837	1265	52	<10	46
	10	-252	585	31	<10	36
	11	247	499	50	<10	29
	15	-7072	170	4	--	--
TXST02	5	-3898	1330	27	--	--
	6	-858	1410	43	--	--
	14	-2268	1630	0	--	--
	15	355	1213	9	--	--
TXST03	7	-1625	1475	33	<10	45
	8	-620	1005	17	--	37
	9	260	880	17	--	30
	10	527	267	80	<10	26
	15	-3100	1360	24	--	--
TXTI01	3	420	321	67	<10	20
	12	99	850	0	--	--
TXTI02	3	-19	620	47	--	--
	4	181	200	97	--	--
	5	299	88	80	--	--
	12	-639	970	0	--	--
	13	211	30	0	--	--
TXTR01	3	-2138	4240	75	49	62
	5	-1278	675	57	<10	38
	6	132	970	60	<10	26
	12	-6378	1410	0	--	--
	13	-1953	185	0	--	--
	14	-838	440	6	--	--
	15	170	38	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXTR02	3	-1300	3265	68	18	49
	4	-1055	245	98	<10	33
	5	-321	534	68	<10	28
	6	285	256	56	<10	22
	12	-4565	1200	0	--	--
	13	-855	200	5	--	--
	14	29	350	13	--	--
TXTY01	3	-5171	4484	56	48	102
	5	-4422	309	44	54	69
	6	-2657	1368	65	44	55
	7	-555	1040	37	<10	31
	8	294	849	53	<10	22
	12	-9655	1490	0	--	--
	13	-4731	440	2	--	--
	14	-4025	397	2	--	--
	15	-1595	1062	4	--	--
TXTY02	3	-5975	4260	62	41	84
	5	-5255	115	39	92	64
	6	-3275	1470	63	47	55
	7	-1055	1320	39	17	39
	8	40	1095	42	<10	26
	9	305	265	39	<10	19
	12	-10235	1920	0	--	--
	13	-5370	605	7	--	--
	14	-4745	510	0	--	--
	15	-2375	900	6	--	--
TXTY03	3	-6514	4415	59	40	78
	5	-5809	170	44	--	61
	6	-3769	1520	72	39	53
	7	-1329	1490	46	<10	37
	8	-174	1155	55	<10	27
	9	270	444	45	<10	21
	12	-10929	1760	0	--	--
	13	-5979	535	6	--	--
	14	-5289	520	0	--	--
	15	-2819	950	9	--	--
TXUP01	3	-123	510	66	<10	25
	4	7	130	73	<10	22
	5	330	233	58	<10	20
	12	-633	945	0	--	--
	13	97	90	13	--	--
TXVI01	7	-2730	1005	21	43	52
	8	-815	1550	20	<10	37
	9	35	850	48	<10	25
	10	131	96	95	<10	20
	15	-3735	4570	0	--	--
	16	-2365	365	2	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXVI02	7	-4816	1090	7	--	56
	8	-2186	2000	46	57	42
	9	-841	1345	31	<10	32
	10	-356	485	82	<10	26
	11	82	438	56	<10	23
	15	-5906	--	--	--	--
	16	-4186	630	7	--	--
TXVI03	7	-4756	2725	43	63	67
	8	-3561	815	59	35	51
	9	-1056	1560	34	<10	35
	10	-446	610	60	<10	27
	11	43	489	42	<10	23
	15	-7481	560	0	--	--
	16	-4376	380	0	--	--
	17	-2616	945	4	--	--
TXVZ01	3	414	578	84	--	--
	12	-164	1975	3	--	--
TXVZ02	3	445	185	56	<10	18
	12	260	1165	4	--	--
TXWA01	3	-2687	4580	65	71	66
	5	-1797	695	37	<10	47
	6	-297	1010	37	<10	32
	12	-7267	1560	0	--	--
	13	-2492	195	8	--	--
	14	-1307	490	0	--	--
	15	168	465	4	--	--
TXWA02	3	-5332	5205	50	--	72
	5	-4862	170	47	<10	53
	6	-2622	1160	32	<10	41
	7	-882	590	47	<10	31
	8	68	950	37	<10	27
	9	350	282	72	<10	24
	12	-10537	1705	0	--	--
	13	-5032	300	0	--	--
	14	-3782	1080	5	--	--
	15	-1472	1150	7	--	--
TXWE01	3	-295	2050	58	<10	35
	4	-15	280	61	<10	28
	5	744	529	24	<10	25
	12	-2345	770	0	--	--
	13	215	230	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer;
and average dissolved-solids concentration and temperature of water
in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick- ness (feet)	Sand per- centage	Dis- solved solids	Tem- per- ature
TXWE02	3	-1318	3750	67	<10	50
	4	-1108	210	83	<10	36
	5	552	945	80	<10	26
	12	-5068	1200	0	--	--
	13	-393	715	5	--	--
	14	701	149	6	--	--
TXWE03	3	-2643	2240	64	42	56
	5	-273	2030	75	22	36
	6	610	263	53	--	23
	12	-4883	2080	3	--	--
	13	-2303	340	0	--	--
	14	347	620	0	--	--
TXWE04	3	-4514	2370	53	--	65
	5	-2144	2020	67	--	48
	6	-1114	410	67	<10	36
	13	-4164	350	0	--	--
	14	-1524	620	3	--	--
	15	497	1611	4	--	--
TXWE05	3	-5423	1690	38	--	--
	4	-4853	570	68	--	--
	5	-2593	1690	72	--	--
	6	-1543	480	80	--	--
	13	-4283	570	0	--	--
	14	-2023	570	0	--	--
TXWE06	15	326	1869	5	--	--
	3	-881	4020	49	<10	55
	5	139	685	47	<10	27
	12	-4901	1010	0	--	--
	13	-546	335	12	--	--
	14	480	341	0	--	--
TXWE07	3	-4070	2490	40	--	--
	5	-1150	2390	64	--	--
	6	422	1132	30	--	--
	13	-3540	530	5	--	--
	14	-710	440	20	--	--
TXWE08	5	-4127	1240	64	28	69
	6	-1722	1310	42	<10	48
	7	463	1050	0	--	26
	8	848	385	0	--	20
	13	-5367	270	9	--	--
	14	-3032	1095	1	--	--
	15	-587	1135	25	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXWH01	7	-5852	1426	50	46	56
	8	-4187	610	63	25	45
	9	-1197	1615	29	<10	33
	10	-437	760	64	<10	27
	11	81	518	70	<10	24
	16	-4797	1055	4	--	--
	17	-2812	1375	19	--	--
TXWH02	7	-7151	365	42	--	--
	8	-5946	580	69	--	--
	9	-1516	2755	37	<10	--
	10	-541	975	57	<10	35
	11	70	611	73	<10	25
	16	-6526	625	0	--	--
	17	-4271	1675	28	--	--
TXWH03	6	-6614	850	21	37	70
	7	-4154	1060	32	89	54
	8	-2209	1945	30	28	44
	9	-899	1310	31	<10	33
	10	-204	695	52	<10	26
	11	116	320	66	<10	23
	14	-7464	300	0	--	--
	15	-5214	1400	2	--	--
TXWH04	6	-6460	780	17	--	--
	7	-3960	995	23	--	--
	8	-2105	1855	33	--	--
	9	-855	1250	31	--	--
	10	-180	675	86	--	--
	11	138	318	58	--	--
	15	-4955	1505	1	--	--
TXWI01	7	-9313	260	54	--	--
	8	-3813	4640	58	--	--
	9	-1828	1445	67	--	--
	10	-588	1240	65	10	35
	11	9	597	84	11	19
	16	-8453	860	0	--	--
	17	-3273	540	6	--	--
TXWI02	7	-7635	2775	52	--	--
	8	-3315	3705	50	--	--
	9	-1610	1705	49	--	--
	10	-530	1080	58	--	--
	11	20	550	51	--	--
	16	-7020	615	3	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXWL01	3	-6756	4640	65	74	93
	6	-3716	1250	50	67	53
	7	-1856	715	41	<10	36
	8	-566	1290	48	<10	29
	9	44	610	57	<10	23
	10	235	191	31	<10	20
	12	-11396	1550	0	--	--
	14	-4966	1790	2	--	--
	15	-2571	1145	3	--	--
TXWL02	3	-7544	--	--	--	--
	6	-4282	1400	70	100	78
	7	-2362	750	28	24	44
	8	-872	1490	23	<10	33
	9	58	930	47	<10	24
	10	264	206	62	<10	19
	14	-5682	1862	0	--	--
	15	-3112	1170	0	--	--
TXWL03	3	-10184	1605	42	11	103
	6	-6454	1405	52	76	75
	7	-3939	990	45	73	56
	8	-2019	1920	25	31	46
	9	-719	1300	49	<10	32
	10	-109	610	64	<10	24
	11	192	301	67	<10	20
	14	-7859	2325	0	--	--
	15	-4929	1525	0	--	--
TXWL04	3	-10838	770	45	44	106
	6	-6928	1130	44	92	78
	7	-4313	1150	29	101	59
	8	-2383	1930	17	--	47
	9	-993	1390	38	<10	34
	10	-288	705	51	<10	26
	11	120	408	75	<10	21
	14	-8058	2780	0	--	--
	15	-5463	1465	0	--	--
TXWN01	3	128	980	70	<10	30
	4	451	323	99	<10	24
	12	-852	1300	3	--	--
TXWN02	3	-2619	2030	67	<10	49
	4	-1619	1000	89	<10	40
	5	-389	1030	59	<10	33
	6	367	336	64	<10	26
	12	-4649	--	--	--	--
	13	-1419	200	0	--	--
	14	31	420	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXWN03	3	-3451	2210	52	12	54
	4	-2381	1070	87	--	45
	5	-991	1090	63	--	37
	6	169	750	43	--	29
	12	-5661	--	--	--	--
	13	-2081	300	0	--	--
	14	-581	410	4	--	--
	15	307	138	0	--	--
TXWN04	3	-197	1420	46	<10	33
	4	433	630	94	<10	27
	12	-1617	--	--	--	--
	13	565	132	5	--	--
TXWO01	3	-106	1020	65	<10	26
	4	-61	45	99	<10	22
	5	402	428	76	<10	21
	12	-1126	1090	0	--	--
	13	-26	35	0	--	--
TXWS01	3	-3190	3530	73	29	57
	4	-2845	345	67	<10	43
	5	-1770	700	63	<10	37
	6	-495	855	41	<10	29
	12	-6720	2310	0	--	--
	13	-2470	375	0	--	--
	14	-1350	420	8	--	--
	15	314	809	0	--	--
TXWS02	3	-4970	4630	67	59	79
	5	-3610	940	36	17	56
	6	-1960	1120	43	<10	44
	7	-330	560	31	<10	27
	8	349	679	25	<10	22
	12	-9600	3280	1	--	--
	13	-4550	420	0	--	--
	14	-3080	530	0	--	--
	15	-890	1070	12	--	--
TXZP01	5	-3890	1490	53	--	66
	6	-780	1830	44	<10	42
	13	-5380	590	0	--	--
	14	-2610	1280	2	--	--
	15	512	1292	0	--	--
TXZP02	3	-4693	1370	50	--	--
	5	-1583	2530	46	--	--
	6	421	1404	56	--	--
	13	-4113	580	0	--	--
	14	-983	600	0	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
TXZV01	3	-470	930	66	<10	40
	4	-50	420	69	<10	32
	5	590	490	31	<10	24
	12	-1400	340	0	--	--
	13	100	150	11	--	--
TXZV02	3	-21	665	46	--	--
	4	209	230	99	--	--
	5	724	295	28	--	--
	12	-686	440	10	--	--
	13	429	220	30	--	--
TXZV03	3	185	695	63	<10	30
	4	540	355	75	<10	26
	5	800	85	50	--	22
	12	-510	500	6	--	--
	13	715	175	6	--	--
T70001	8	-6349	3745	39	108	76
	9	-2369	2955	17	49	48
	10	-769	1600	0	--	32
	11	-69	700	--	--	23
	16	-10094	75	16	--	--
	17	-5324	1025	7	--	--
T70002	7	-9523	1190	22	44	--
	8	-6713	700	17	43	77
	9	-2313	2975	18	50	56
	10	-713	1600	0	--	35
	11	-53	660	--	--	23
	16	-7413	2110	3	--	--
	17	-5288	1425	4	--	--
T70003	8	-6397	1500	--	--	--
	9	-2447	3050	6	41	54
	10	-747	1700	7	29	50
	11	-112	635	32	37	25
	17	-5497	900	2	--	--
T70004	9	-2751	3465	1	--	57
	10	-801	1950	20	32	52
	11	-125	676	34	--	27
T70201	8	-4597	2620	24	52	60
	9	-1712	2080	44	36	36
	10	-617	1095	18	15	27
	11	-76	541	19	12	22
	16	-7217	1523	1	--	--
	17	-3792	805	17	--	--
T70202	9	-2428	2905	58	118	51
	10	-773	1655	29	63	36
	11	-139	634	43	34	23
	17	-5333	490	6	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thickness (feet)	Sand percentage	Dissolved solids	Temperature
T70203	8	-4279	1860	52	71	53
	9	-1719	1810	62	46	35
	10	-669	1050	8	43	27
	11	-69	600	4	--	22
	16	-6139	1419	3	--	--
	17	-3529	750	20	--	--
T70204	8	-6207	3635	22	--	80
	9	-2192	2215	35	--	49
	10	-692	1500	22	--	41
	11	-175	517	--	40	24
	17	-4407	1800	9	--	--
T70301	8	-4506	3635	65	52	64
	9	-2026	2480	38	53	47
	10	-626	1400	33	35	34
	11	-79	547	--	28	27
	16	-8141	680	9	--	--
T70302	8	-4793	5137	48	65	78
	9	-1968	2195	24	53	47
	10	-618	1350	31	29	34
	11	-36	582	--	15	26
	16	-9930	302	7	--	--
	17	-4163	630	7	--	--
T70303	8	-6386	3075	23	52	76
	9	-2411	2520	44	104	46
	10	-731	1680	27	92	34
	11	-99	632	--	59	27
	16	-9461	156	4	--	--
	17	-4931	1455	7	--	--
T70401	8	-7033	1205	20	58	72
	9	-2358	2865	43	74	48
	10	-748	1610	31	--	33
	11	-43	705	--	--	25
	16	-8238	23	9	--	--
	17	-5223	1810	7	--	--
T70402	8	-4995	3020	19	79	71
	9	-1930	2195	33	54	46
	10	-630	1300	25	17	32
	11	-33	597	--	--	24
	17	-4125	870	15	--	--
T70403	8	-5617	1175	14	91	63
	9	-2177	2515	29	77	49
	10	-757	1420	29	<10	34
	11	-46	711	--	--	25
	16	-6792	1029	10	--	--
	17	-4692	925	14	--	--

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
T70404	8	-6917	1995	62	45	80
	9	-2702	3595	17	--	59
	10	-802	1900	19	13	38
	11	-122	680	--	--	26
	16	-8912	890	3	--	--
	17	-6297	620	5	--	--
T70405	9	-3060	4340	24	75	68
	10	-910	2150	18	15	44
	11	-112	798	--	--	26
	17	-7400	810	3	--	--
T70501	10	-966	2200	4	--	--
	11	-188	778	--	--	--
T70601	8	-6713	1395	13	--	--
	9	-2323	2880	39	--	--
	10	-723	1600	22	--	--
	11	-30	693	21	--	--
	16	-8108	1851	3	--	--
	17	-5203	1510	8	--	--
T70602	8	-8251	1245	39	96	91
	9	-2771	4800	20	50	58
	10	-871	1900	38	--	34
	11	-69	802	27	--	27
	16	-9496	395	18	--	--
	17	-7571	680	17	--	--
T70603	9	-2880	41	--	--	--
	10	-920	1960	23	40	34
	11	-115	805	--	--	27
T70604	8	-7637	50	90	59	78
	9	-2552	3720	48	71	51
	10	-852	1700	24	40	34
	11	-43	809	--	22	27
	17	-6272	1365	10	--	--
T70605	9	-2798	3685	8	--	57
	10	-858	1940	32	13	37
	11	-99	759	--	--	27
	17	-6483	1530	4	--	--
T70701	9	-3392	1768	--	--	--
	10	-992	2400	21	30	34
	11	-185	807	--	--	24
T70702	9	-3825	1420	--	--	--
	10	-1025	2800	4	21	45
	11	-462	563	--	--	28

Table 4--Layer number; altitude of top, thickness, and sand percentage of layer; and average dissolved-solids concentration and temperature of water in layer; by log number--Continued.

Log number	Layer number	Altitude of top (feet)	Thick-ness (feet)	Sand per-centage	Dis-solved solids	Tem-per-ature
T70801	8	-5323	3290	42	116	57
	9	-2658	2665	40	63	43
	10	-908	1750	58	27	33
	11	-10	898	17	<10	27
	16	-8613	235	4	--	--
T70802	8	-9447	848	23	82	90
	9	-3027	4890	22	47	62
	10	-977	2050	29	68	36
	11	-43	934	24	47	27
	17	-7917	1530	3	--	--
T70803	9	-3412	3198	42	120	54
	10	-1025	2387	42	22	40
	11	-106	919	37	--	32
	17	-6610	482	7	--	--
T70804	8	-5495	3335	41	63	66
	9	-2490	3005	49	55	49
	10	-860	1630	21	28	35
	11	-20	840	16	15	27
	16	-8830	596	10	--	--
T70901	9	-3874	1146	--	--	--
	10	-1044	2830	25	49	37
	11	-175	869	--	56	24
T70902	9	-3724	2195	26	83	62
	10	-1019	2705	19	--	46
	11	-165	854	--	--	25
T70903	9	-4183	4655	33	72	56
	10	-1083	3100	12	23	45
	11	-347	736	--	--	26
T70904	9	-4826	2550	11	54	55
	10	-1151	3675	21	35	44
	11	-330	821	--	--	26
T71001	9	-4141	1945	14	73	62
	10	-1036	3105	35	60	47
	11	-112	924	43	32	28
	17	-6086	130	10	--	--
T71101	9	-5517	3490	31	119	62
	10	-1137	4380	23	32	38
	11	-363	774	--	--	25
T71102	9	-4613	1646	--	--	--
	10	-1123	3490	20	53	41
	11	-201	922	--	45	24

Explanation of data in table 5:

Layer number--Sequential number of layer, beginning with lowermost aquifer and numbering aquifers upward (1-11), then lowermost confining unit and numbering confining units upward (12-17).

Number of points with valid data--Total number of layer-thickness values entered in file for given layer.

Maximum thickness--Largest value in file for layer thickness for given layer, in feet.

Mean thickness--Mean of thickness values in file for given layer, in feet.

Standard deviation of thickness--The square root of the mean of the squares of the deviations from the arithmetic mean of the distribution for given layer, in feet.

Maximum altitude of top--Highest altitude in file for the top of given layer relative to sea level, in feet.

Minimum altitude of top--Lowest altitude in file for the top of given layer relative to sea level, in feet.

Mean sand percentage--Mean percentage of the total thickness of sand in a given layer.

Standard deviation of sand percentage--Standard deviation of the percentage of the total thickness of given layer that is composed of sand, in feet.

Table 5.--Statistical summary of thickness, altitude of top, and sand percentages, by layer

Layer number	Number	Thickness			Altitude of top (feet)		Sand percentage (feet)	
		Maximum	Mean	Standard deviation	Maximum	Minimum	Mean	Standard deviation
1	73	470	234.82	129.02	415	-2315	79.65	19.97
2	428	1290	325.84	269.70	570	-10515	66.94	23.78
3	649	5205	1236.71	1136.64	755	-12145	40.10	20.03
4	418	1295	290.20	213.38	673	-8118	75.14	24.17
5	519	2530	504.55	331.04	800	-10248	57.50	21.92
6	371	2490	519.36	483.83	610	-8919	51.33	20.74
7	342	4450	1410.97	969.66	463	-10880	37.96	15.93
8	435	7576	1818.73	1425.00	848	-12547	42.51	18.73
9	408	6330	2010.09	1688.31	580	-6929	42.01	18.02
10	358	5650	1889.02	1646.03	527	-1293	45.01	19.61
11	451	1224	542.15	378.91	372	-462	58.69	23.81
12	606	3772	851.30	498.97	549	-13028	1.42	4.39
13	424	1245	314.64	195.14	715	-10596	5.42	9.13
14	390	3440	414.07	610.15	701	-8950	4.75	8.82
15	379	6575	737.77	852.02	512	-10528	3.06	7.15
16	115	3994	1055.89	824.05	193	-14606	4.12	4.79
17	52	1962	969.94	491.78	-1943	-7917	9.66	7.80

DESCRIPTION OF COMPUTER TAPE FILE

The geophysical well-log database consists of the data shown in tables 2, 3, and 4 that are contained in two physical files on a magnetic tape in ASCII format. The following parameters are contained in the well log file:

File 1 is described by the following structure:

<u>Field positions</u>	<u>Parameters</u>
1-3	Log sequence number
4-9	Log number
10-17	Latitude
20-27	Longitude
30-35	Land surface altitude
40-45	Depth logged from
50-55	Depth logged to
60-75	State name
80-99	County (parish) name
100-146	Company name
150-198	Well name

File 2 is described by the following structure:

<u>Field positions</u>	<u>Parameters</u>
1-6	Log number
7-8	Layer number
10-20	Altitude of top
20-29	Thickness
30-39	Sand percentage
40-49	Dissolved solids
50-59	Temperature, degrees Celsius

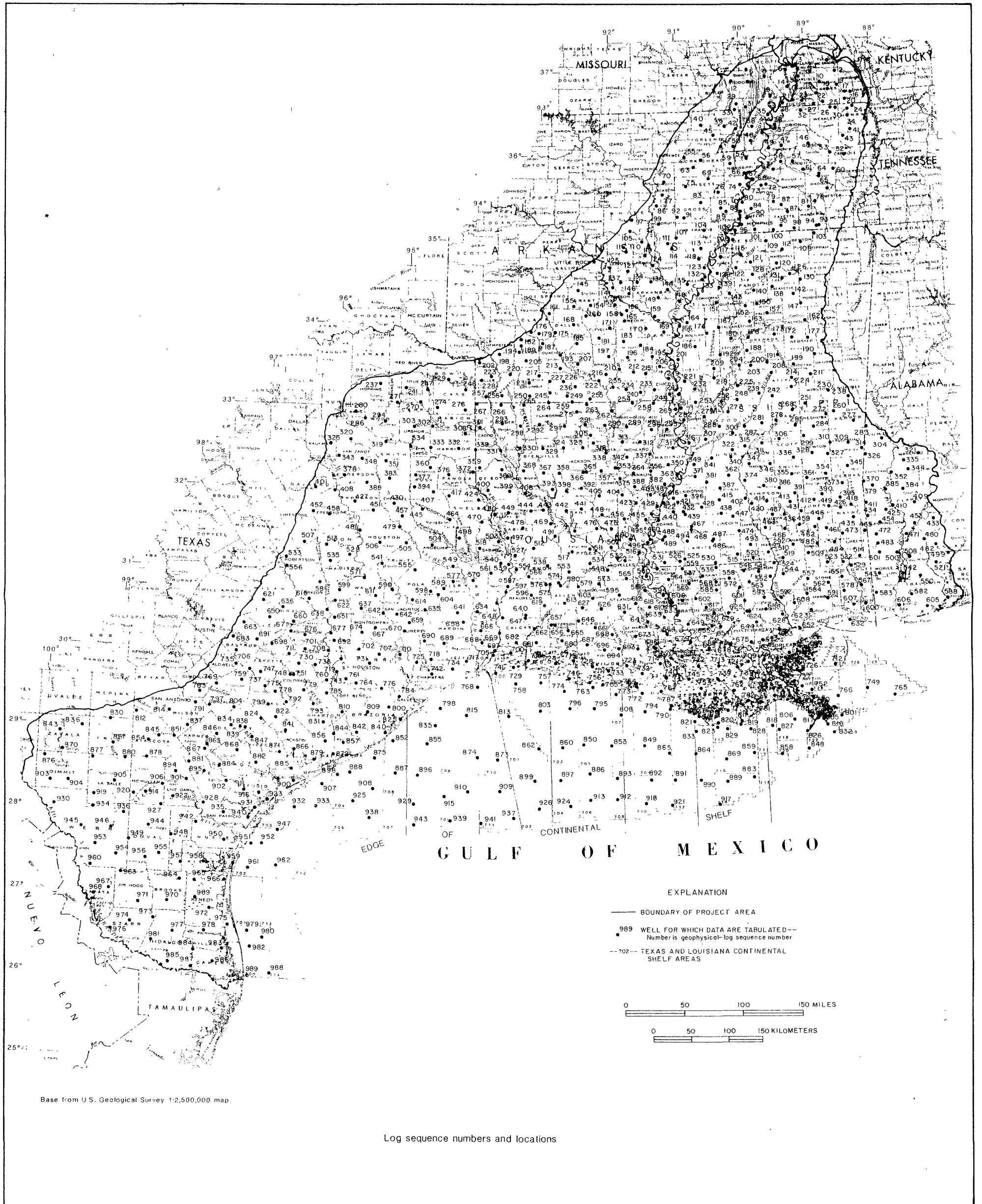
SUMMARY

Machine-readable files containing geohydrologic data derived from geophysical logs were assembled as part of the Gulf Coast RASA project and are stored on magnetic tape located in the Texas District Office of the U.S. Geological Survey, Water Resources Division.

A copy of the database may be obtained by contacting the computer services office of the U.S. Geological Survey, Water Resources Division in Austin, Texas. Inquires should be addressed to: U.S. Geological Survey, WRD, Federal Building, Room 649, 300 East 8th Street, Austin, Texas 78701.

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GEOPHYSICAL WELL-LOG DATA BASE FOR THE GULF COAST AQUIFER SYSTEMS, SOUTH-CENTRAL UNITED STATES