

TEXAS BOARD OF WATER ENGINEERS

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BULLETIN 5605

BASIC DATA AND SUMMARY OF GROUND-WATER RESOURCES OF
CHAMBERS COUNTY, TEXAS

By

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United States Geological Survey

Prepared cooperatively by the Geological Survey,
United States Department of the Interior

February 1956

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ABSTRACT

Chambers County is on the upper Texas Gulf Coast about 25 miles east of Houston. The county is underlain by Tertiary and Quaternary sedimentary rocks which dip toward the coast. The principal water-bearing formations are all of Pleistocene age and are, from youngest to oldest: The Beaumont clay, the "Alta Loma" sand, and the Lissie formation.

The sands of the Beaumont clay yield small to moderate quantities of water to wells throughout the county. The water is of good chemical quality in the western and northeastern parts of the county, but the mineralization increases toward the southeast.

The "Alta Loma" sand yields water of good chemical quality to wells in the western part of the county, but the quality is poor in the eastern part. The "Alta Loma" yields large quantities of water to industrial wells at the eastern end of the Houston Ship Channel area in Harris County and probably could produce similar quantities in extreme western Chambers County.

The Lissie formation is the principal aquifer in the heavily industrialized Houston area in Harris County, but most of the sands of the Lissie contain highly mineralized water in Chambers County.

The average daily ground-water withdrawals in Chambers County in 1948 totaled about 855,000 gallons. As a result of this comparatively small rate of production, the water levels have declined only very slowly, especially in wells tapping the Beaumont clay. Wells tapping the "Alta Loma" sand have shown larger declines, principally as a result of heavy pumping in the neighboring industrialized areas in Harris County.

INTRODUCTION

Chambers County is on the upper Texas Gulf Coast (fig. 1). It is bounded on the east by Jefferson County, on the north by Liberty County, on the west by Harris County, and on the south by Galveston County and the Gulf of Mexico. The land area of the county is 618 square miles. According to the United States Census, the population in 1950 was 7,871. The economy of the county is supported largely by the production of oil, rice, cattle, and lumber. Anahuac, population 1,282, is the county seat and largest town. Other towns are Mont Belvieu, Hankamer, and Winnie.

According to the records of the U. S. Weather Bureau, the average annual rainfall at Anahuac is 52.82 inches and the mean annual temperature is 68° F. The average monthly and annual precipitation and the average annual temperature for the periods of record are shown graphically in figure 2.

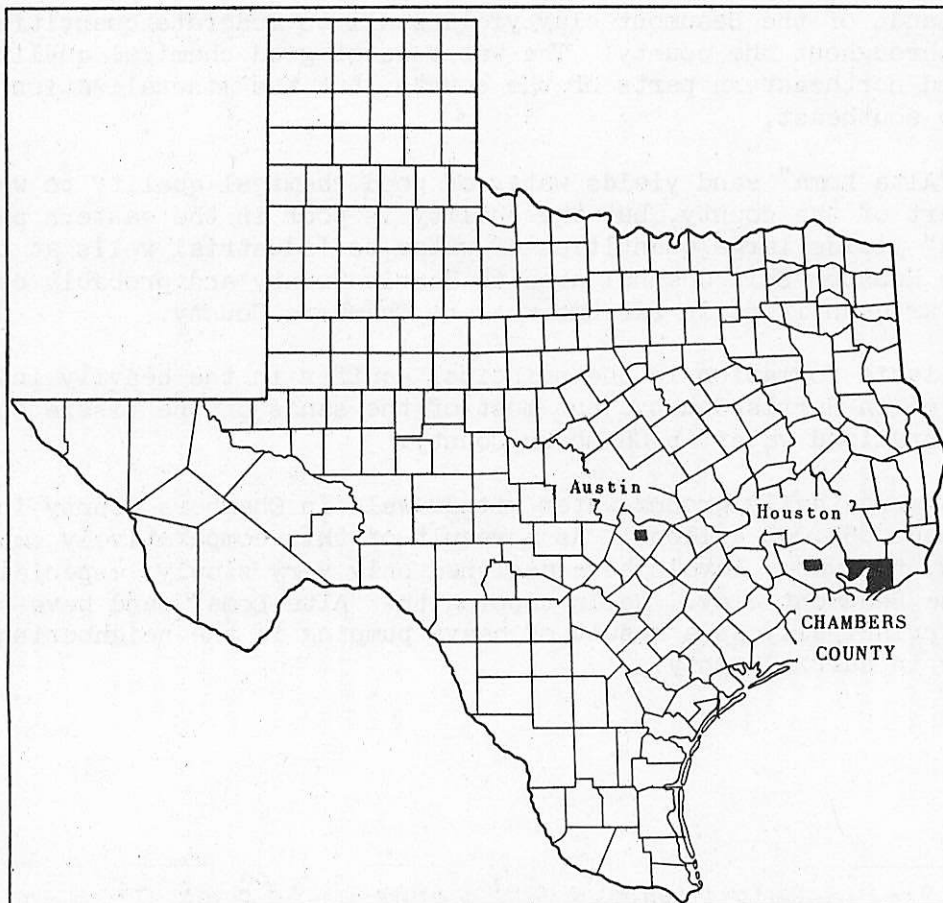


FIGURE 1.- Map of Texas showing location of Chambers County.

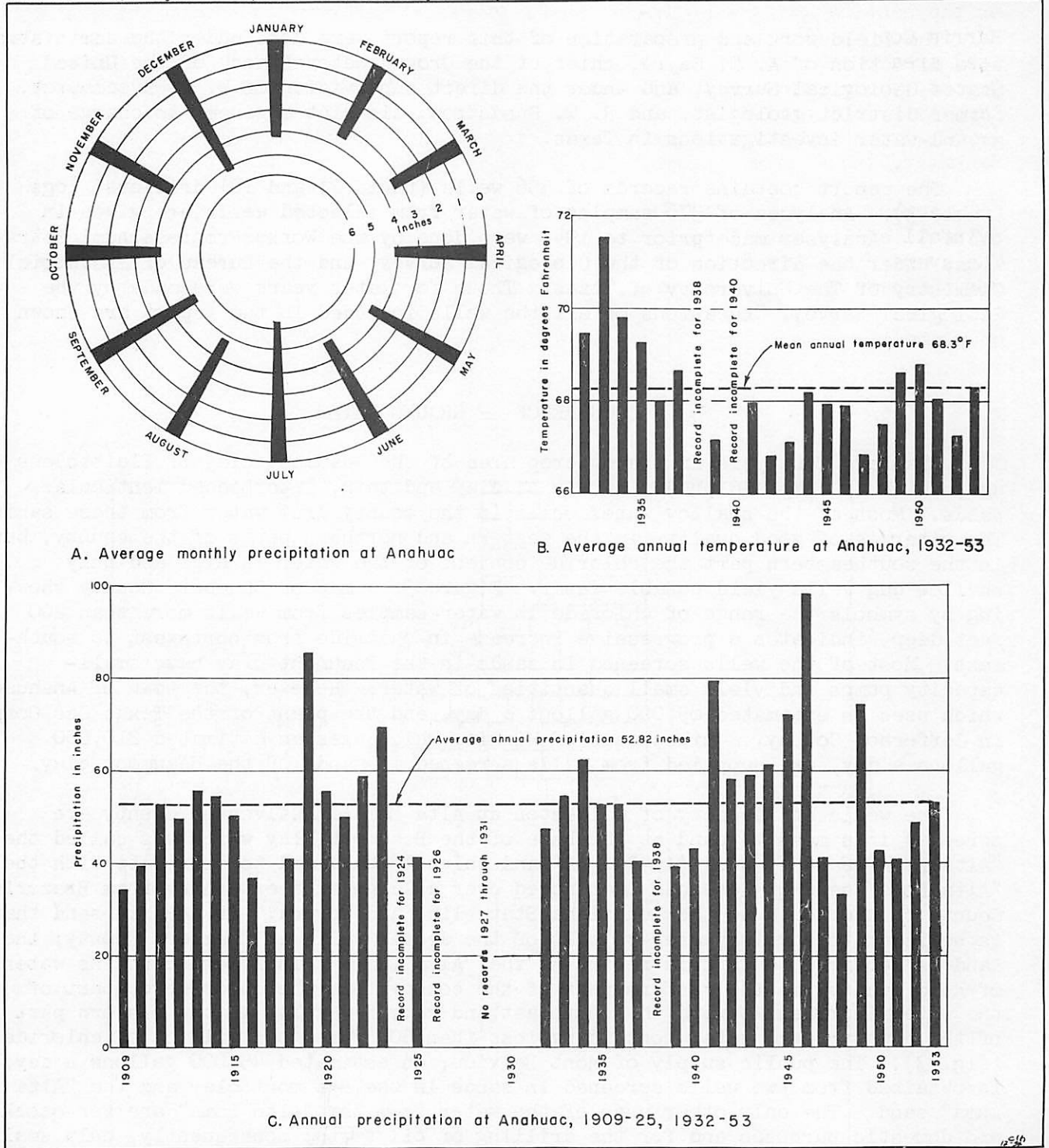


FIGURE 2.- Precipitation and temperature at Anahuac, Chambers County, Tex.

The surface of the county is nearly flat, sloping gently from an altitude of 50 feet in the northern part to sea level at the Gulf. The southern part is grassland, but a belt of timber extends across most of the northern part. The Trinity River valley and Trinity Bay divide the county into two parts.

The field work and preparation of this report were done under the administrative direction of A. N. Sayre, chief of the Ground Water Branch of the United States Geological Survey, and under the direct supervision of W. L. Broadhurst, former district geologist, and R. W. Sundstrom, district engineer in charge of ground-water investigations in Texas.

The report contains records of 556 wells (table 2) and 101 drillers' logs (table 3). Analyses of 376 samples of water from selected wells are given in table 5. Analyses made prior to 1942 were done by the Works Progress Administration, under the direction of the Geological Survey, and the Bureau of Industrial Chemistry of The University of Texas. Those for later years were made by the Geological Survey. Locations of all the wells included in the report are shown on plate 1.

OCCURRENCE OF GROUND WATER

Chambers County is in the outcrop area of the Beaumont clay of Pleistocene age, which is composed predominantly of clay and thin, interbedded lenticular sands. Most of the shallow water wells in the county draw water from these sands. The water is of good quality in the western and northern parts of the county, but in the southeastern part the chloride content of the water is high and only shallow dug wells yield potable water. Figure 3, a map of Chambers County showing by symbols the range of chloride in water samples from wells more than 200 feet deep, indicates a progressive increase in chloride from northwest to southeast. Most of the wells screened in sands in the Beaumont clay have small-capacity pumps and yield small quantities of water. However, the town of Anahuac, which uses an estimated 85,000 gallons a day, and the plant of the Texas Gas Corp. in Jefferson County, 2 miles east of Winnie, which uses an estimated 210,000 gallons a day, are supplied from wells screened in sands of the Beaumont clay.

The wells of the city of Galveston at Alta Loma in Galveston County are screened in a massive sand at the base of the Beaumont clay which was called the "Alta Loma" sand by Rose (1943). A sand which is believed to correlate with the "Alta Loma" sand of Rose has been noted over a large area extending from Brazoria County on the south to the Louisiana State line and beyond. It is this sand that is believed to furnish water to most of the deeper wells in Chambers County; the sand is referred to in this report as the "Alta Loma." This sand contains water of good quality in the western part of the county, but the chloride content of the water increases toward the southeast and very few wells in the eastern part of the county yield water containing less than 500 parts per million of chloride (fig. 3). The public supply of Mont Belvieu, an estimated 45,000 gallons a day, is obtained from two wells screened in sands in the Beaumont clay and the "Alta Loma" sand. The only other uses of the water from the "Alta Loma" are for stock and domestic purposes and for the drilling of oil tests; consequently, only small-capacity wells are needed. The "Alta Loma" is, however, probably capable of yielding large quantities of water to wells in the county, particularly in the

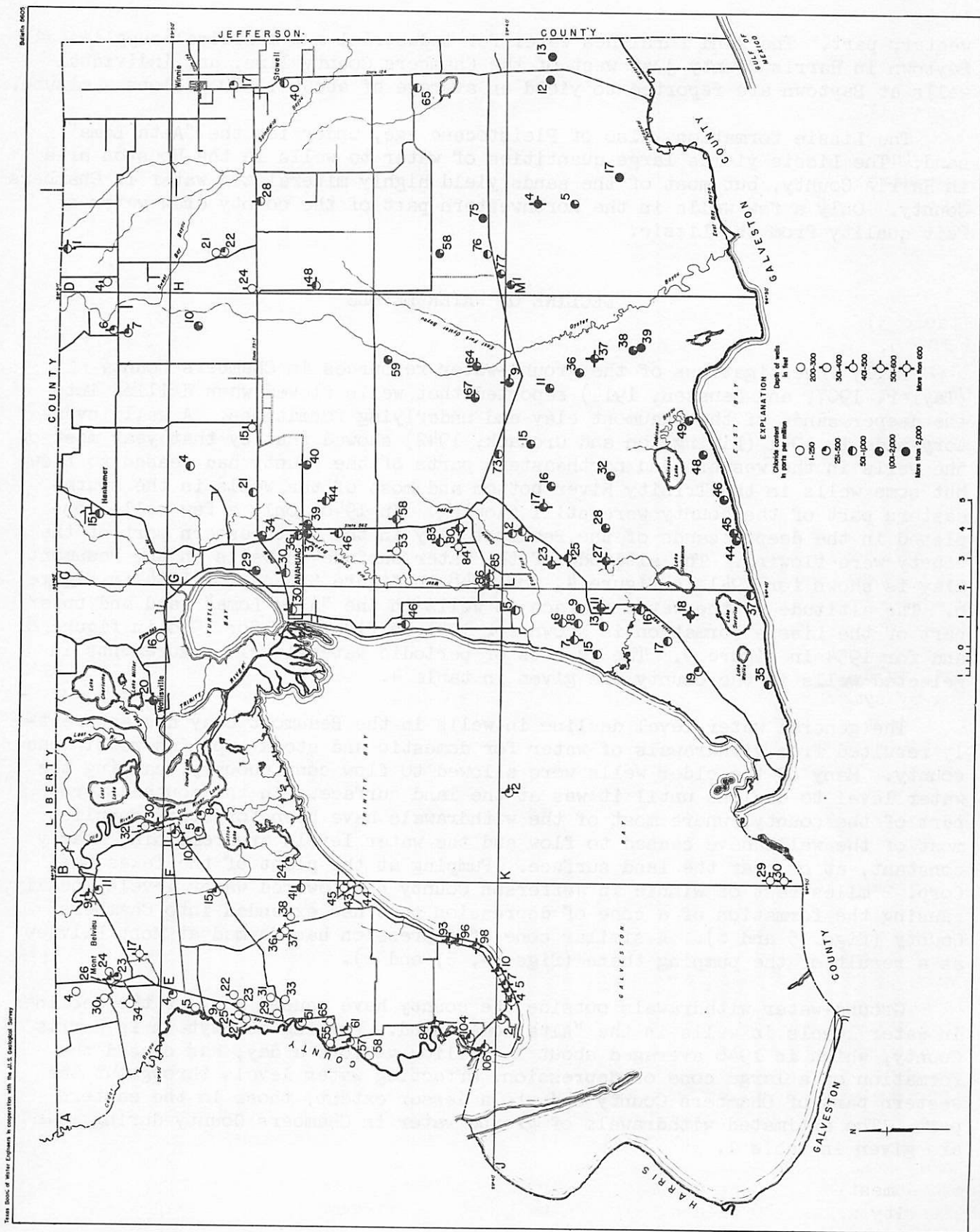


FIGURE 3.—Map showing chloride content in water from selected wells in Chambers County, Tex.

western part. The sand furnishes water for industrial and municipal supplies at Baytown in Harris County just west of the Chambers County line, and individual wells at Baytown are reported to yield an average of about 1,500 gallons a minute.

The Lissie formation, also of Pleistocene age, underlies the "Alta Loma" sand. The Lissie yields large quantities of water to wells in the Houston area in Harris County, but most of the sands yield highly mineralized water in Chambers County. Only a few wells in the northwestern part of the county draw water of fair quality from the Lissie.

DECLINE OF WATER LEVELS

Early investigations of the ground-water resources in Chambers County (Taylor, 1907, and Deussen, 1914) reported that wells flowed when drilled into the deeper sands of the Beaumont clay and underlying formations. A well inventory made in 1941 (Livingston and Cromack, 1942) showed that by that year most of the wells in the western and northeastern parts of the county had ceased to flow, but some wells in the Trinity River bottom and most of the wells in the southeastern part of the county were still flowing. In 1948, only a few wells completed in the deeper sands of the Beaumont clay in the southeastern part of the county were flowing. The altitude of the water surface in wells in the Beaumont clay is shown for 1941 in figure 4, for 1948 in figure 5, and for 1954 in figure 6. The altitude of the water surface in wells in the "Alta Loma" sand and upper part of the Lissie formation is shown for 1941 in figure 7, for 1948 in figure 8, and for 1954 in figure 9. The results of periodic water-level measurements in selected wells in the county are given in table 4.

The general water-level decline in wells in the Beaumont clay has apparently resulted from withdrawals of water for domestic and stock supplies within the county. Many of the older wells were allowed to flow continuously, causing the water level to decline until it was at the land surface. In the southeastern part of the county, where most of the withdrawals have been for stock supplies, most of the wells have ceased to flow and the water levels are remaining nearly constant, at or near the land surface. Pumping at the plant of the Texas Gas Corp. 2 miles east of Winnie in Jefferson County has lowered water levels locally, causing the formation of a cone of depression that has extended into Chambers County (figs. 5 and 6). A similar cone of depression has formed at Mont Belvieu as a result of the pumping there (figs. 4, 5, and 6).

Ground-water withdrawals outside the county have caused most of the declines in water levels in wells in the "Alta Loma" sand. Pumping at Baytown in Harris County, which in 1948 averaged about 14 million gallons a day, has caused the formation of a large cone of depression, affecting water levels throughout the western part of Chambers County and, to a lesser extent, those in the eastern part. The estimated withdrawals of ground water in Chambers County during 1948 are given in table 1.

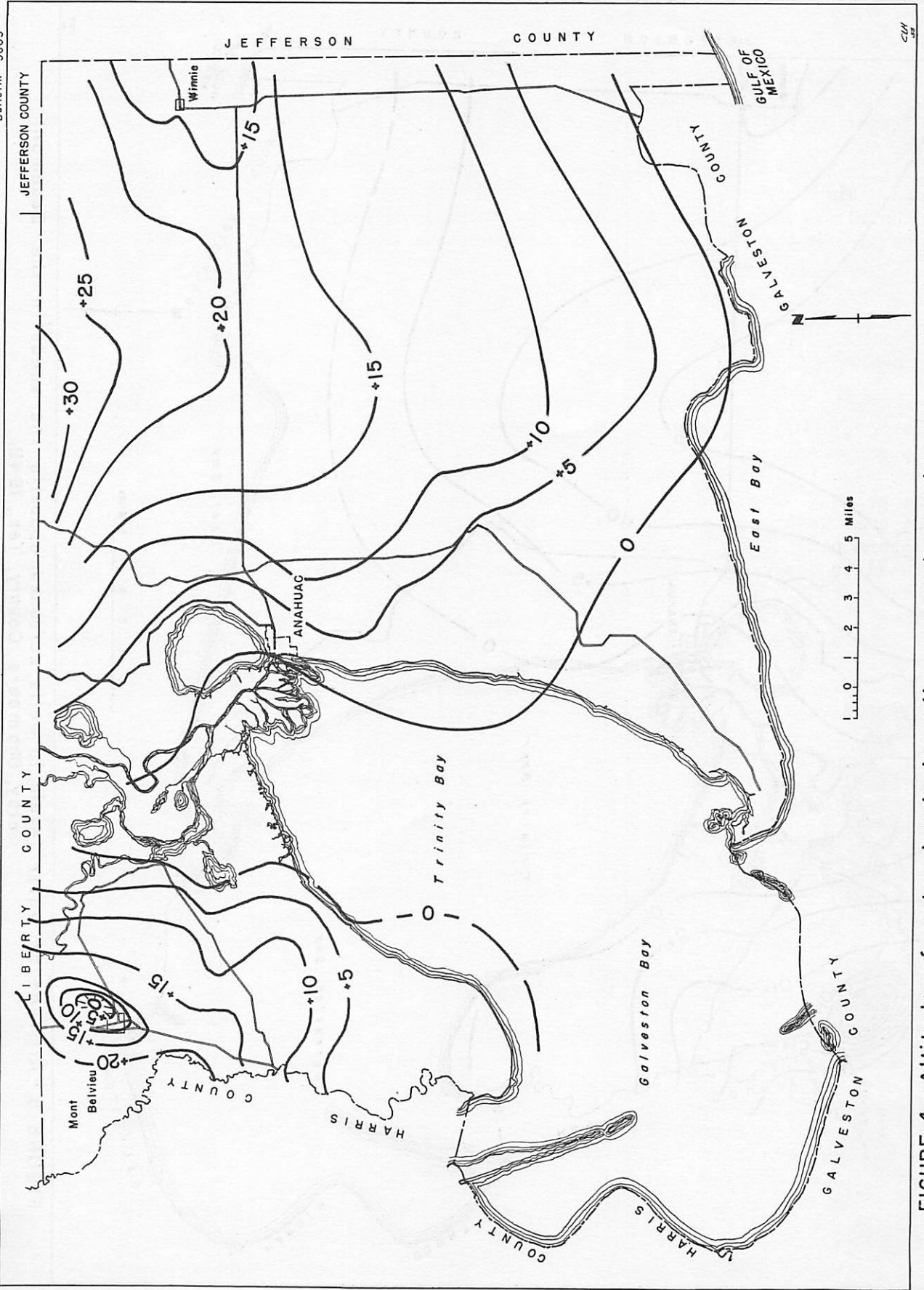


FIGURE 4.- Altitude of water levels in wells screened opposite the sands in the Beaumont clay, Chambers County, Tex., 1941.

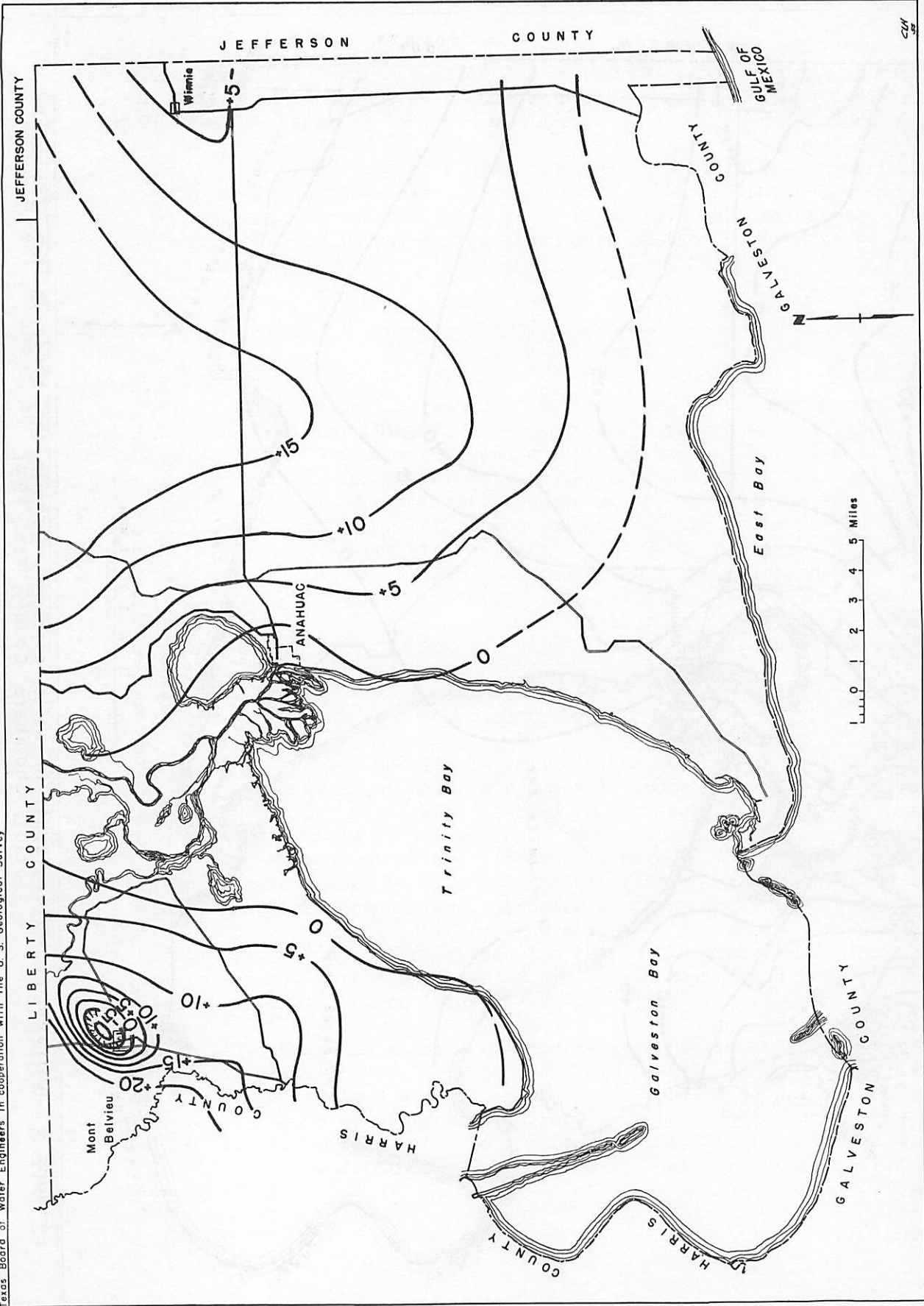


FIGURE 5.-Altitude of water levels in wells screened opposite the sands in the Beaumont clay, Chambers County, Tex., 1948.

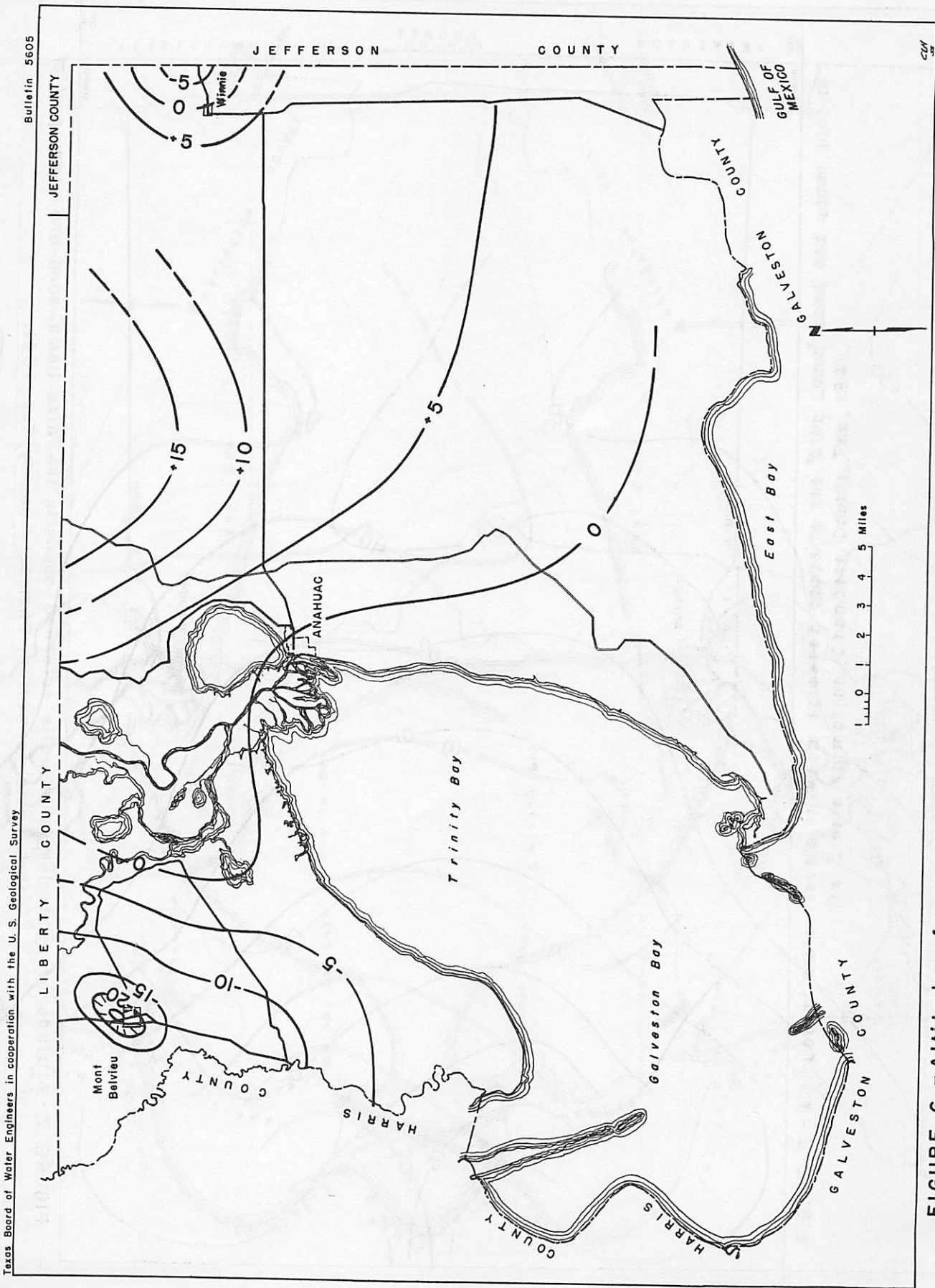


FIGURE 6.- Altitude of water levels in wells screened opposite the sands in the Beaumont clay, Chambers County, Tex., 1954.

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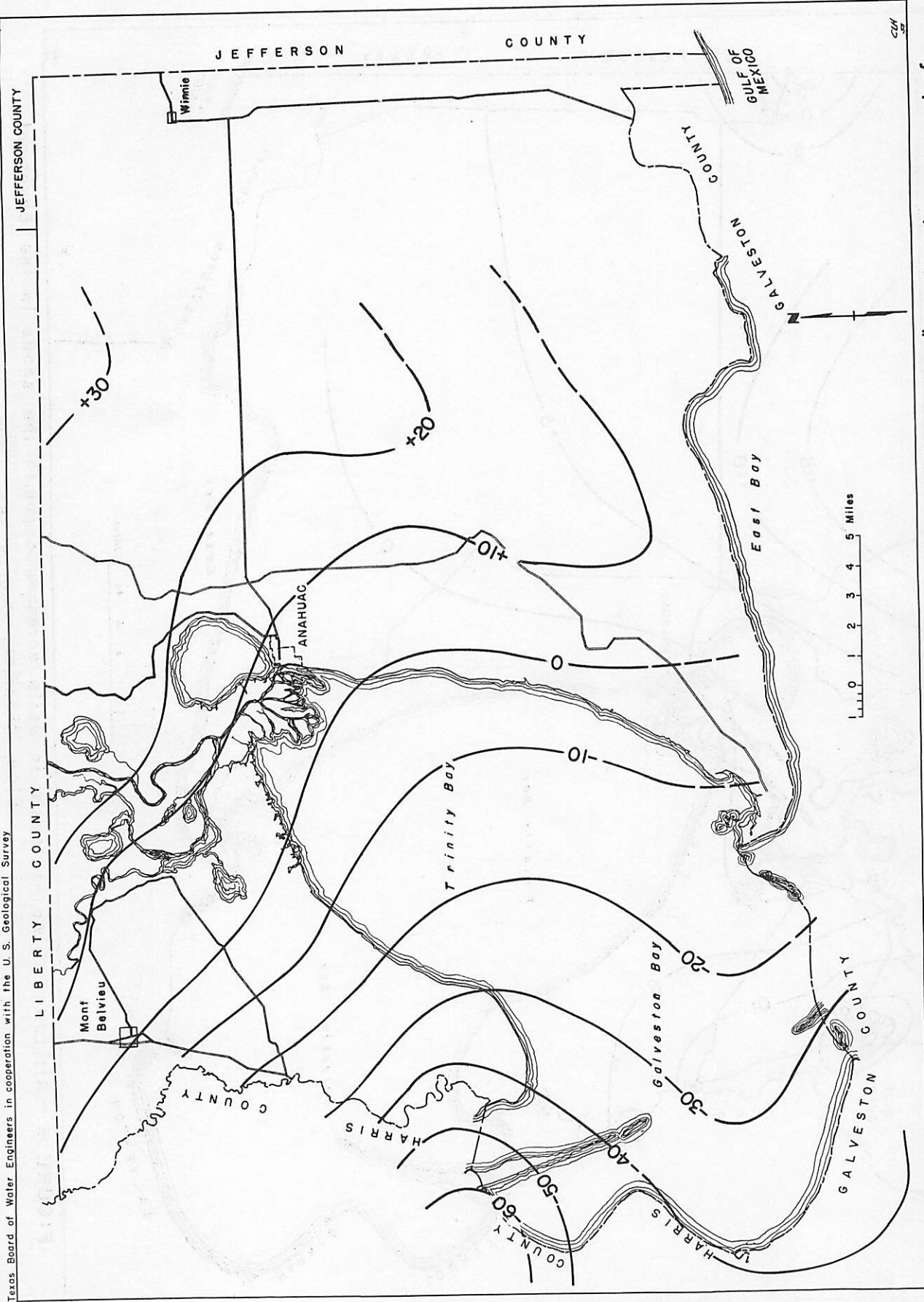


FIGURE 7.- Altitude of water levels in wells screened opposite the "Alta Loma" sand and upper part of the Lissie formation, Chambers County, Tex., 1941.

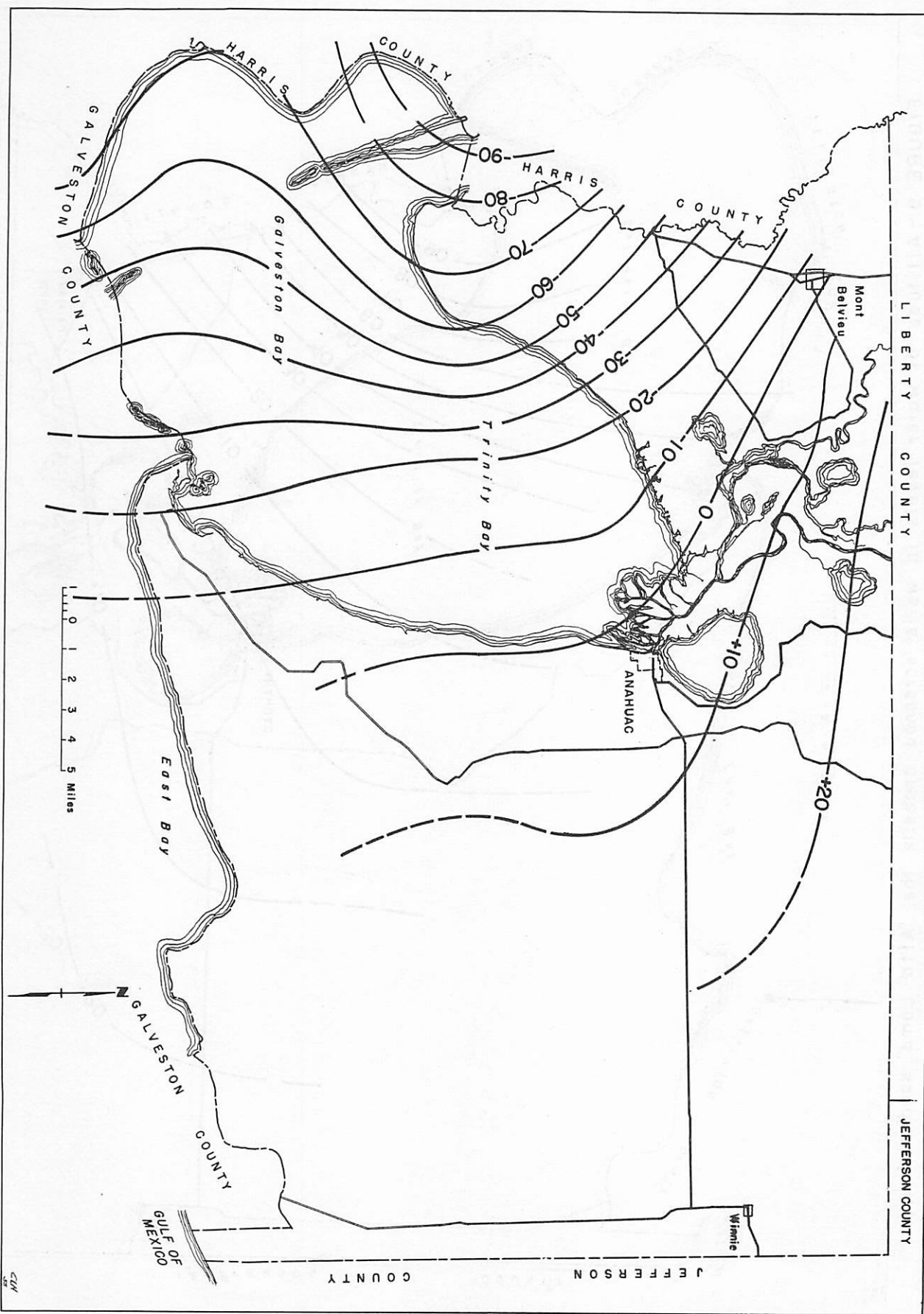


FIGURE 8.- Altitude of water levels in wells screened opposite the "Alta Loma" sand and upper part of the Lissie formation, Chambers County, Tex., 1948.

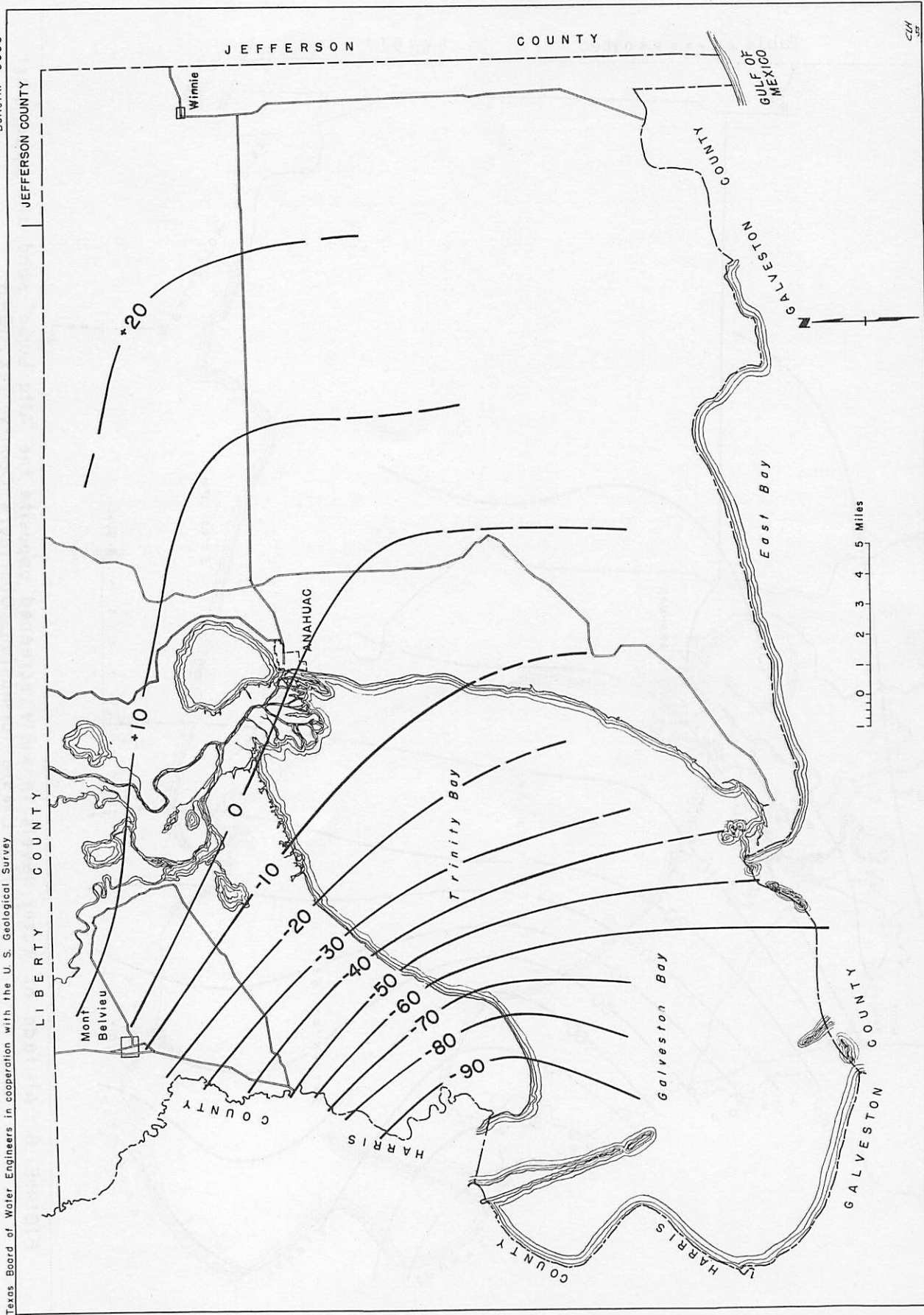


FIGURE 9.- Altitude of water levels in wells screened opposite the "Alta Loma" sand and upper part of the Lissie formation, Chambers County, Tex., 1954.

Table 1.--Estimated use of ground water during 1948
in Chambers County, Tex.

Use	Estimated withdrawal (gal. per day)
Domestic supplies	525,000
Public supplies	130,000
Industrial supplies	150,000
Livestock	50,000
Total	<u>855,000</u>

CONCLUSIONS

Small quantities of potable ground water can be obtained from shallow wells throughout most of Chambers County. Larger supplies of water can be obtained from deeper wells, but in the eastern half of the county the mineral content of the water increases to an objectionable amount. Sufficient quantities of water suitable for drilling oil tests are available throughout the county.

Although only small supplies of potable ground water are available from sands in the Beaumont clay throughout most of Chambers County, some local areas, such as Winnie, have relatively large supplies. The "Alta Loma" sand underlying southwestern Chambers County, including a portion of Galveston Bay, is probably capable of yielding sufficient quantities of water to supply industries having moderate water requirements. Sands below the "Alta Loma" in Chambers County are capable of yielding large quantities of moderately to highly mineralized water.

REFERENCES

- DEUSSEN, ALEXANDER, 1914, Geology and underground waters of the southeastern part of the Texas Coastal Plain: U. S. Geol. Survey Water-Supply Paper 335.
- LIVINGSTON, P. P., and CROMACK, G. H., 1942, Records of wells, drillers' logs, water analyses, and map showing locations of wells and test holes, Chambers County, Tex.: Texas Board Water Engineers duplicated report.
- ROSE, N. A., 1943, Progress report on the ground-water resources of the Texas City area, Texas: Texas Board Water Engineers duplicated report.
- TAYLOR, T. U., 1907, Underground waters of the Coastal Plain of Texas: U. S. Geol. Survey Water-Supply Paper 190.

Table 2.- Records of wells in Chambers County, Texas

Method of lift: A, airlift; Cf, centrifugal; C, cylinder; G, gasoline; H, hand; J, jet; T, turbine; W, windmill. Number indicates horsepower.

Use of water: D, domestic; Ind, industrial; Irr, irrigation; N, not used; P, public supply; S, stock.

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*A-1	O. K. Barber	--	Old	40	4	2.6	Mar. 26, 1941	C,H	D,S	
*A-2	J. R. Barber	--	Old	35	8	3.5	do.	C,W	D,S	
*A-3	Max Brown	Amos Jennische	1927	185	4,2	30.4	Apr. 2, 1941	C,H	D,S	Casing: 60 ft of 4-in.; 119 ft of 2-in. Screen from 179 to 185 ft.
*A-4	do.	do.	1939	250	4,2	23.3 13.3	Apr. 2, 1941 Oct. 6, 1948	None	N	Casing: 60 ft of 4-in.; 180 ft of 2-in. Screen from 240 to 250 ft.
*A-5	T. Fitzgerald	do.	1931	55	6	3.2	Mar. 10, 1941	C,H	D,S	Cased to bottom. Sand reported from 51 to 55 ft.
*A-6	J. M. Davis	do.	1932	50	6	2.0	do.	C,W	D,S	Cased to bottom. Sand reported from 47 to 50 ft.
*A-7	O. E. Barber	O. E. Barber	1908	21	4	2.3	Mar. 14, 1941	C,H	D,S	Cased to bottom.
A-8	Archie Green	James Jennische	1945	139	3,2	a/30	1945	J,E, ½	D	Cased to bottom. Screen from 129 to 139 ft.
*A-9	Doyle Green	do.	1945	430	2	a/50	1945	J,E, ½	D	Cased to bottom. Screen from 420 to 430 ft.
*A-10	Jim Green	--	--	25	3	2.3	Mar. 14, 1941	C,H	D,S	
*A-11	-- Walker	James Jennische	1946	300	2	a/30	1946	J,E, ½	D	Cased to bottom. Screen from 290 to 300 ft.
*A-12	H. B. Rice	Amos Jennische	1937	125	4,2½	23.8	Mar. 14, 1941	C,H	D,S	Casing: 70 ft of 4-in.; 45 ft of 2½-in. Screen from 115 to 125 ft. Sand reported from 102 to 125 ft.
*A-13	Frank Steadham	C. A. Williams	1940	60	4	29.1	do.	C,W	D,S	Cased to bottom. Casing perforated from 34 to 40 and 54 to 60 ft.
A-14	The Texas Co.	Pitrie Water Wells	1946	437	4	a/20	Aug. 1946	--	--	Oil test supply well. Screen from 410 to 432 ft. Caved and abandoned. See log.
*A-15	Asa Wilburn	Amos Jennische	1919	156	4,2	29.4	Apr. 5, 1941	--	--	Casing: 40 ft of 4-in.; 106 ft of 2-in. Screen from 146 to 156 ft. Caved and abandoned. See log.
A-16	J. T. Wilburn	do.	1919	420	4,2	a/15	1919	--	--	Casing: 40 ft of 4-in.; 370 ft of 2-in. Screen from 410 to 420 ft. Caved and abandoned. See log.
*A-17	Sun Oil Co.	Sun Oil Co.	1929	626	6- 5/8, 5	--	--	A,E, 10	D	Casing: 569 ft of 6 5/8-in.; 92 ft of 5-in. liner. Lead seal from 530 to 534 ft. Screen from 581 to 621 ft. See log.

a/ Reported by owner or driller.

* For chemical analyses, see table 5.

Table 2.- Records of wells in Chamber County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*A-18	Chambers County Water Control & Improvement District No. 1	Layne-Texas Co. Ltd.	1949	226	16, 8-5/8	a/74	July 1949	T,E	P	Cased to bottom. Screen from 77 to 93 and 170 to 205 ft. One of 4 wells supplying city of Mont Belvieu. Original depth 226 ft. See log.
A-19	Crumpler Bros.	Homer Wright	1935	281	6	50.5	Mar. 31, 1941	T,E	P	Cased to bottom. Screen from 198 to 240 ft. One of 4 wells supplying city of Mont Belvieu.
A-20	do.	do.	1935	254	9	50.2	do.	None	N	Cased to bottom. See table of water level measurements. See log.
A-21	do.	do.	1934	603	9	43.2 61.1	Mar. 31, 1941 Mar. 1, 1948	None	N	Casing: 520 ft of 9-in. Water reported salty. See log.
A-22	do.	--	1934	250	4½	67.8	Mar. 1, 1948	C,W	--	
*A-23	do.	Homer Wright	1938	304	7	a/73	1938	T,E	P	Casing: 282 ft of 7-in. Screen from 282 to 304 ft. One of 4 wells supplying city of Mont Belvieu. See log.
*A-24	Temple Fitzgerald	Amos Jennische	1914	217	4, 2	56.5	Apr. 8, 1941	A,E, 1	D,S	Casing: 40 ft of 4-in.; 167 ft of 2-in. Screen from 207 to 217 ft. See log.
A-25	Old River Rice Co.	do.	1917	373	4	a/20	1917	--	--	Casing: 363 ft of 4-in. Screen from 363 to 373 ft. Caved and abandoned. See log.
*A-26	Tillman Fitzgerald	do.	1925	510	4, 2	38.9 58.4	Apr. 8, 1941 Oct. 26, 1948	None	N	Casing: 60 ft of 4-in.; 440 ft of 2-in. Screen from 500 to 510 ft. See log.
A-27	Max Brown	do.	1921	278	2	--	--	--	--	Casing: 60 ft of 4-in.; 198 ft of 2-in. Screen from 258 to 278 ft. Cased and abandoned. See log.
*A-28	Chambers County Water Control & Improvement District No. 1	Layne-Texas Co. Ltd.	1949	340	16, 8-5/8	a/78	July 1949	T,E	P	Cased to bottom. Screen from 224 to 244 and 304 to 334 ft. One of 4 wells supplying city of Mont Belvieu. See log.
A-29	J. R. Barber	C. A. Williams	1927	323	4, 2	--	--	Cf,E, 1	D,S	Casing: 64 ft of 4-in.; 238 ft of 2-in. Screen from 302 to 232 ft. See log.
*A-30	J. O. Stockbridge	do.	1927	314	--	--	--	C,E, 1	D,S	See log.
*A-31	Kirby Petroleum Co.	--	Old	66	10	38.6	Mar. 26, 1941	C,H	D	Converted oil test.
*A-32	Chambers County	--	1940	18	6	6.2	Mar. 7, 1941	C,H	P	Supplies school.
*A-33	O. K. Winfree	--	1910	59	4	31.3	Mar. 26, 1941	C,W	D,S	Cased to bottom.
*A-34	Atlantic Refining Co.	Atlantic Refining Co.	1938	500	5	--	--	C,W	D,S	
A-35	Ed Ulrich	Ed Ulrich	1931	25	6	1.6	Mar. 26, 1941	C,W	S	
*A-36	Jerry Ulrich	Jerry Ulrich	1939	36	4	8.5	Mar. 7, 1941	C,H	D,S	Cased to bottom.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
B-1	-- Henry	James Jennische	1948	121	2	a/27	Apr. 1948	J, E, $\frac{1}{2}$	D	Cased to bottom. Screen from 111 to 121 ft. Reported yield when drilled 10 gpm.
*B-2	D. T. Dugat	Mike Redland	1939	120	32	27.3	Mar. 5, 1941	C, H	D, S	Cased to bottom. Screen from 112 to 120 ft.
*B-3	Bill Dillard	Bill Dillard	1937	68	5	25.7	do.	B	S	
*B-4	Chambers County	--	1937	32	6	18.1	do.	C, H	P	Casing: 18 ft of 6-in. Screen from 18 to 32 ft. Supplies school.
*B-5	R. C. Lawrence	R. C. Lawrence	1931	47	6	25.9	Mar. 14, 1941	C, H	D, S	Cased to bottom.
*B-6	J. D. Franzen Estate	--	1931	100	4, 2	26.5	do.	C, H	D, S	Casing: 50 ft of 4-in.; 38 ft of 2-in. Screen from 88 to 100 ft.
*B-7	J. B. Green	J. B. Green	1940	39	6	31.4	do.	B	D, S	Cased to bottom.
B-8	Larry Dugat	James Jennische	1948	102	2	a/34	Apr. 1948	J, E, $\frac{1}{4}$	D	Cased to bottom. Screen from 92 to 102 ft.
B-9	Mayes Estate	Rock Sandlin Oil Co.	1927	--	8	a/+	1940	None	N	Oil test supply well.
*B-10	Mrs. J. C. McManus	-- McManus	1926	25	1 $\frac{1}{2}$	10.7	July 1, 1941	C, H	D, S	Cased to bottom. Sand from 22 to 25 ft.
*B-11	U. S. Department of Agriculture	J. F. Abshier	1937	96	4	28.3 26.0	Apr. 1, 1941 Nov. 18, 1948	C, W	S	Cased to bottom. Formerly supplied dipping vat.
*B-12	Elder Sherman	-- Chambliss	--	131	4	23.5	June 19, 1941	C, H	D, S	Cased to bottom.
*B-13	W. W. Collins	W. W. Collins	1916	28	10	17.7	Apr. 25, 1941	C, H	D, S	Do.
*B-14	Chambers County	--	1938	30	4	14.5	July 1, 1941	C, H	P	Cased to bottom. Supplies school.
*B-15	B. Barnes	Geo: Abshier	1937	155	3, 2	27.4	Apr. 25, 1941	C, H	D, S	Casing: 20 ft of 3-in.; 127 ft of 2-in. Screen from 147 to 155 ft.
*B-16	Stanolind Oil & Gas Co.	L. B. Pitre	1936	227	4	25.5 25.2	July 1, 1941 Oct. 7, 1948	None	N	Cased to bottom. See log.
*B-17	do.	Layne-Texas Co. Ltd.	1940	140	7- 5/8, 5	--	--	C, E, 2	D, S	Casing: 83 ft of 7 5/8-in.; 23 ft of 5-in. Screen from 106 to 129 feet. See log.
*B-18	Chambers County	--	--	30	3	17.6	Apr. 24, 1941	C, H	P	Supplies school.
B-19	U. S. Department of Agriculture	J. F. Abshier	1937	27	2	14.0	do.	None	N	Cased to bottom. Formerly supplied dipping vat.
*B-20	Josh Mayes	Amos Jennische	1911	515	2	6.2	July 15, 1941	None	N	Cased to bottom. Screen from 495 to 515 ft. Estimated flow July 1941, 4,000 gpd. Reported flow 75,000 gpd when drilled. Stopped flowing in 1946. See table of water level measurements.
*B-21	Mrs. W. A. Beckwith	Homer Wright	1940	128	5	1.9	Apr. 24, 1941	C, E	D, S	Cased to bottom.
B-22	Mayes Estate	Warner Bros.	1899	405	3	--	--	--	--	Flowed until 1937. Caved and abandoned.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
B-23	A. H. Stade	B & L Water Wells	1946	178	2	a/8	Apr. 1946	J,E	D	Cased to bottom. Screen from 168 to 178 ft.
B-24	Mayes Estate	Texas Highway Dept.	1941	148	--	a/+	1941	--	--	Highway inspection test hole, uncased. Small flow from sand at 108 ft. See log.
B-25	do.	do.	1941	184	--	--	--	--	--	Highway inspection test hole, uncased. See log.
B-26	do.	do.	1941	81	--	--	--	--	--	Do.
B-27	do.	do.	1941	59	--	--	--	--	--	Do.
B-28	do.	do.	1941	83	--	--	--	--	--	Do.
B-29	do.	do.	1941	51	--	--	--	--	--	Do.
*B-30	Pure Oil Co.	C. A. Williams	--	500	5	7.4 24.6	Apr. 18, 1941 Oct. 27, 1948	J,E	D,S	Cased to bottom; 3/4-in. screen from 480 to 500 ft. Flowed when drilled.
*B-31	Will Icet	Amos Jennische	1913	492	2	26.1	Apr. 18, 1941	J,E	D,S	Cased to bottom. Screen from 482 to 492 ft. Reported flow 25,000 gpd when drilled. See log.
*B-32	H. C. Icet	C. A. Williams	1926	370	4, 2	a/10 a/22	1926 1940	C,G, 2 1/2	D,S	Casing: 80 ft of 4-in.; 270 ft of 2-in. Screen from 350 to 370 ft. See log.
B-33	O. Icet	C. Williams	1925	540	4, 2	25.6	Mar. 1, 1949	None	N	Used until 1945, reported ruined by seismograph test. See table of water level measurements.
B-34	Mrs. -- Wallace	C. A. Williams	1926	175	4, 2	a/20 26.0	1926 Mar. 5, 1941	None	N	Casing: 60 ft of 4-in.; 95 ft of 2-in. Screen from 155 to 175 ft.
*C-1	Irene Lewis	George Lewis	1941	28	1 1/2	21.3	Apr. 30, 1941	C,H	D,S	Cased to bottom.
*C-2	Gulf Oil Corp.	Gulf Oil Corp.	1930	198	6- 5/8	--	--	C,E, 3	D,S	Casing: 126 ft of 6 5/8-in. Screen from 126 to 147 ft. See log.
*C-3	U. S. Dept. of Agriculture	J. F. Abshier	1937	100	2	2.6	Apr. 15, 1941	None	N	Cased to bottom. Screen from 90 to 100 ft. Formerly supplied dipping vat.
*C-4	Ben Weaver	do.	1936	340	6, 2	8.0 11.4	Apr. 30, 1941 Nov. 19, 1948	None	N	Casing: 40 ft of 6-in.; 240 ft of 2-in. Screen from 280 to 340 ft.
*C-5	U. S. Dept. of Agriculture	do.	1937	146	2	7.4	Apr. 30, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*C-6	Pat Boyt	do.	1930	324	--	--	--	C,W	D,S	Cased to bottom. Casing perforated from 318 to 324 ft.
*C-7	W. E. Jenkins	Pitre Water Wells	1943	403	2	a/8	Nov. 1943	J,E, 1/2	D	Cased to bottom. Screen from 358 to 369 ft. Supplies rice camps. See log.
*C-8	A. G. Blanke	--	--	16	36	2.5	Apr 30, 1941	C,H	D,S	Dug. Wood casing to bottom.
*C-9	U. S. Dept. of Agriculture	J. F. Abshier	1937	34	2	4.6	Apr. 15, 1941	None	N	Cased to bottom. Sand reported from 12 to 34 ft. Formerly supplied dipping vat.
*C-10	E. L. Moor	John Gunn	1922	82	2 1/2	6.3	do.	C,W	D,S	Cased to bottom. Screen from 72 to 82 ft. Water sand reported at 280 ft in abandoned well 10 ft away.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*C-11	C. A. Fowler	J. F. Abshier	1939	34	2	a/10	1939	C,W	D,S	Cased to bottom. See log.
*C-12	Jett Hankamer	Geo. Abshier	--	68	1½	7.8	June 6, 1941	C,W	D,S	
C-13	U. S. Dept. of Agriculture	J. F. Abshier	1937	181	2	9.4	Apr. 15, 1941	None	N	Cased to bottom. Formerly supplied dipping vat. See table of water level measurements.
*C-14	J. F. Abshier	do.	1926	183	2	12.0	Apr. 11, 1941	C,E	D,S	Cased to bottom. Screen from 170 to 183 ft. Formerly used to irrigate ¼ acre garden.
*C-15	Jerden Cline	Andy Frankland	1947	346	2	a/15	Oct. 1947	J,E, ½	D	Cased to bottom. Screen from 326 to 346 ft.
*C-16	Geo. Abshier	Geo. Abshier	1938	185	2	a/8 10.9	June 6, 1941	C,E, 1/6	D,S	Cased to bottom. Screen from 175 to 185 ft.
*C-17	Chambers County	do.	1936	28	2	11.4	June 6, 1941	C,H	P	Cased to bottom. Supplies school.
*C-18	do.	do.	1939	165	1½	16.1	do.	C,H	P	Do.
*C-19	J. A. Hankamer	do.	1936	94	3, 1½	18.9	July 1, 1941	C,H	D,S	Casing: 28 ft of 3-in.; 61 ft of 1½-in. Screen from 89 to 94 ft.
C-20	U. S. Dept. of Agriculture	do.	1937	90	2	19.1	Apr. 15, 1941	None	N	Formerly supplied dipping vat.
*C-21	-- Morgan	do.	1940	23	1½	a/18	1940	C,W	D,S	Cased to bottom. Screen from 17 to 23 ft.
C-22	Rufus Simon	Andy Frankland	1945	250	2	a/5	Aug. 1945	--	--	Screen from 230 to 250 ft. Formerly supplied sawmill. Casing pulled, well abandoned.
*D-1	F. W. Plummer	Yount Lee Oil Co.	1933	527	6	16.4	May 16, 1941	--	--	Cased to bottom. Screen from 515 to 557 ft. Formerly supplied drilling rig.
*D-2	G. C. Bond	--	1940	46	5	3.7	do.	C,H	D,S	Wood casing to bottom. Oyster shells reported from 43 to 46 ft.
D-3	Sun Oil Co.	A-1 Water Wells	1945	175	4	a/7	Jan. 1945	--	--	Formerly supplied drilling rig. Caved and abandoned. See log.
*D-4	L. L. Fontenot	do.	1943	331	2	a/4	Feb. 1943	C,E, ¼	D	Cased to bottom. Screen from 323 to 331 ft.
*D-5	S. E. McBride	S. E. McBride	1936	176	2	10.5	Apr. 30, 1941	None	N	Cased to bottom. Screen from 164 to 176 ft.
D-6	Walter Simon	Layne-Bowler	--	500	30, 16	6.0	May 16, 1941	T	N	Casing: 100 ft of 30-in.; 400 ft of 16-in. Drilled for irrigation, yield inadequate. See table of water level measurements.
*D-7	U. S. Dept. of Agriculture	J. F. Abshier	1937	122	2	5.9	May 1, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.

Table 2.-- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*D-8	C. A. Moore Estate	--	Old	14	6	3.1	May 11, 1941	C, H	D, S	
*D-9	Len Evans	--	--	44	2	2.1	June 9, 1941	C, H	D, S	
*D-10	U. S. Dept. of Agriculture	J. F. Abshier	1937	156	2	10.5	do.	C, H	D, S	Formerly supplied dipping vat.
D-11	Gulf Oil Corp.	Gulf Oil Corp.	1944	8,002	--	--	--	--	--	Oil test. Williams No. 1-hole No. 2, lot 85. Electric log on file with the Texas Board of Water Engineers.
D-12	S. J. Ryan	Pitre Water Wells	1943	198	4	a/11	Dec. 1943	--	--	Screen from 161 to 182 ft. Formerly supplied drilling rig. Reported yield by airlift, 80 gpm when drilled. Caved and abandoned.
*D-13	Len Evans	--	1936	20	1 1/4	--	--	C, H	D, S	Formerly supplied dipping vat.
*D-14	U. S. Dept. of Agriculture	J. F. Abshier	1937	142	2	8.2	May 1, 1941	None	N	Cased to bottom. Screen from 170 to 180 ft. See log.
D-15	Lawrence Rowland	V. R. Phelps	1940	180	1 1/4	a/3	May 1940	C, E, 3/4	D, S	Cased to bottom. Screen from 90 to 110 ft.
*D-16	O. C. Devillier, Jr.	Stagg Supply Co.	1940	135	2	--	--	C, W	D, S	
E-1	Humble Oil & Refining Co.	Humble Oil & Refining Co.	1948	5,505	--	--	--	--	--	Oil test. Meyers Fee No. 8, Wm. Bloodgood Survey. Electric log on file with the Texas Board of Water Engineers.
E-2	Emery Barrow	Amos Jennische	1918	139	4, 2	--	--	--	--	Casing: 40 ft of 4-in.; 89 ft of 2-in. Screen from 129 to 139 ft. Caved and abandoned. See log.
E-3	L. P. and Carl Smith	do.	1922	347	4, 2	a/3	1922	--	--	Casing: 40 ft of 4-in., 292 ft of 2-in. Screen from 332 to 347 ft. Caved and abandoned. See log.
*E-4	do.	do.	1934	271	4, 2	a/12	Mar. 1940	C, W	D, S	Cased to bottom. Screen from 261 to 271 ft.
*E-5	K. M. Fitzgerald	do.	1919	368	4, 2	a/20	Apr. 2, 1941	A, G, 3/4	D, S	Casing: 40 ft of 4-in., 313 ft of 2-in. Screen from 353 to 368 ft. See log.
E-6	Old River Rice Co.	do.	1914	355	--	--	--	None	N	Cased to bottom. Reported flow, 50,000 gpd when drilled. Obstruction at 35 ft. See log.
E-7	Sol Donnelly	do.	1922	340	4, 2	--	--	--	--	Casing: 40 ft of 4-in.; 280 ft of 2-in. Screen from 320 to 340 ft. Caved and abandoned. See log.
*E-8	Antone Busch	do.	1912	365	2	a/1 45.7	Apr. 5, 1941	A, G	D, S	Casing: 343 ft of 2-in. Screen from 343 to 365 ft.
*E-9	H. G. Kilgore	do.	1929	365	4,	a/33 45.8	Apr. 2, 1941	A, G, 2	D, S	Casing: 40 ft of 4-in.; 310 ft of 2-in. Screen from 350 to 365 ft.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*E-10	R. E. Henderson	R. E. Henderson	1937	22	8	1.2	Mar. 27, 1941	C,H	S	Cased to bottom. Reported weak supply.
*E-11	Austin Busch	--	Old	35	36	+0.5	do.	C,H	S	Dug. Formerly supplied 250 cattle. Caved at 17 ft.
*E-12	Kirby Petroleum Co.	A. Wolf	1938	26	2½	1.3	Mar. 28, 1941	C,H	D,S	
*E-13	C. D. Harman	Amos Jennische	1939	125	4, 2	a/18	1939	C,W	D,S	Cased to bottom. Screen from 115 to 125 ft. See table of water level measurements.
E-14	C. O. Williams	C. A. Williams	--	125	4	17.3	Oct. 5, 1948	J,E, ¼	D	Cased to bottom.
*E-15	do.	Jim Avera	1936	488	4, 3	a/8 15.9	1936 Mar. 5, 1941	C,G, 1½	D,S	Casing: 120 ft of 4-in.; 358 ft of 3-in.; 2½-in. screen from 478 to 488 ft. See log.
E-16	Jack Rosenau	do.	1936	149	4	16.4	Apr. 9, 1941	--	--	Cased to bottom. Screen from 143 to 149 ft. Caved and abandoned. See log.
*E-17	K. O. Carmody	do.	1937	150	--	a/20	1937	C,W	D,S	
*E-18	Ben Dutton	Amos Jennische	1933	143	4, 2	17.3	Mar. 5, 1941	C,W	D,S	Cased to bottom. Screen from 132 to 142 ft. See log.
*E-19	do.	C. A. Williams	1926	183	4, 2	a/30	1926	Cf,E, ¼	D,S	Casing: 60 ft of 4-in.; 103 ft of 2-in. Screen from 163 to 183 ft. Formerly supplied 500 to 600 cattle.
*E-20	Texas Progress Co.	Amos Jennische	1933	175	4, 2	23.4	Apr. 9, 1941	G,-	D	Cased to bottom. Screen from 165 to 175 ft.
E-21	Old River Rice Co.	do.	1917	179	4	a/22	Nov. 1917	--	--	Cased to bottom. Screen from 169 to 179 ft. Formerly supplied 600 cattle. Caved and abandoned. See log.
*E-22	J. C. Donnelly	-- Donnelly	1895	305	3, 2	a/3 42.5	1935 Apr. 2, 1941	A,G, 4	D,S	Casing: 40 ft of 3-in.; 245 ft of 2-in. Screen from 285 to 305 ft.
*E-23	J. H. Williams	Amos Jennische	1910	348	3, 2	42.6 66.1	Mar. 27, 1941 Oct. 26, 1948	C,W	D,S	Casing: 150 ft of 3-in.; 178 ft of 2-in. Screen from 328 to 348 ft.
E-24	C. Airington	--	--	350	2	65.9	Mar. 1, 1948	A,E, ¼	D,S	
*E-25	do.	Amos Jennische	1915	340	3	44.6	Apr. 2, 1941	None	N	Casing: 90 ft of 3-in.
*E-26	Bud Donnelly	D. D. Proctor	1936	48	8	17.3	Mar. 4, 1941	B	S	Cased to bottom.
*E-27	F. M. Fitzgerald	--	1927	336	4, 2	a/32 44.8	1927 Apr. 2, 1941	A,E, ¼	D,S	Casing: 50 ft of 4-in.; 271 ft of 2-in. Screen from 321 to 336 ft.
E-28	Will Donnelly	Amos Jennische	1918	355	4, 2	--	--	None	N	Casing: 40 ft of 4-in.; 295 ft of 2-in. Screen from 335 to 355 ft.
*E-29	Alvin Banks	James Jennische	1945	347	3, 2	a/55	1945	J,E, ¼	D	Cased to bottom. Screen from 337 to 347 ft.
*E-30	S. R. Williams	C. A. Williams	1931	200	4, 2	7.1 10.3 13.7	Mar. 6, 1941 Mar. 1, 1948 Oct. 6, 1948.	C,H	D,S	Casing: 60 ft of 4-in.; 120 ft of 2-in. Screen from 180 to 200 ft.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*E-31	G. E. Troxell	Amos Jennische	1934	292	4, 2	a/25	1934	C, E	D, S	Casing: 40 ft of 4-in.; 236 ft of 2-in. Screen from 276 to 292 ft.
*E-32	J. N. Nelson	do.	1934	282	4, 2	15.5	Apr. 2, 1941	C, E, ½	D, S	Casing: 40 ft of 4-in.; 222 ft of 2-in. Screen from 262 to 272 ft.
*E-33	Old River Rice Co.	do.	1918	290	4, 2	a/11	1934	None	N	Casing: 40 ft of 4-in.; 235 ft of 2-in. Screen from 275 to 290 ft. See table of water level measurements.
*E-34	Mrs. Philip Howard	--	Old	18	22	0.9	Mar. 21, 1941	C, W	D, S	
E-35	J. R. Turnbull	J. R. Turnbull	1939	5,253	--	--	--	--	--	Oil test. Kirby no. 1, Porter survey. Electric log on file with the Texas Board of Water Engineers.
*E-36	A. B. Lawrence	James Jennische	1946	574	4	a/78 a/82	Sept. 1946 Sept. 1947	J, E, 3	D	Cased to bottom. Screen from 554 to 574 ft. Reported yield 75 gpm when drilled.
*E-37	V. A. Lawrence	--	Old	556	3	a/40	1937	C, G	D, S	Sand from 536 to 556 ft. Flowed until 1910.
*E-38	Salt Dome Oil Corp.	Homer Wright	1938	475	5- 3/16	43.4	Apr. 19, 1941	J, E	D, S	Cased to bottom. Screen from 453 to 475 ft. Supplies oil camp. See table of water level measurements. See log.
E-39	V. A. Lawrence	L. R. Pitre	1938	443	4	a/38 42.8	1938 Mar. 28, 1941	G, -	N	Cased to bottom. Screen from 422 to 443 ft. Reported yield 200 gpm when drilled. Formerly supplied drilling rig. See log.
E-40	do.	Jim Avera	1936	286	4	a/20	Mar. 1936	--	--	Cased to bottom. Screens from 232 to 244 and 266 to 286 ft. Reported yield 200 gpm when drilled. Formerly supplied drilling rig. Caved and abandoned. See log.
*E-41	do.	Luther Patterson	1939	429	4	36.7	Mar. 28, 1941	G, -	D, S	Cased to bottom. Screen from 407 to 429 ft. Reported yield 200 gpm when drilled. Formerly supplied drilling rig. See log.
E-42	E. E. Barrow	Amos Jennische	1927	240	4, 2	22.7	Mar. 6, 1941	C, W	N	Cased to bottom. Screen from 230 to 240 ft.
*E-43	do.	Luther Patterson	1940	340	4	a/20 28.2	May 1940 Mar. 28, 1941	None	N	Cased to bottom. Screen from 319 to 340 ft. Reported yield by airlift 500 gpm. See log.
*E-44	-- Shear	Amos Jennische	1928	240	4, 2	a/21	1928	C, H	N	Cased to bottom. Screen from 230 to 240 ft. See table of water level measurements.
*E-45	Irvin Bishop	do.	1915	634	2	a/40	1939	C, W	D, S	Cased to bottom. Screen from 614 to 634 ft. Reported flow 30,000 gpd when drilled. See log.
*E-46	O. D. Barrow	do.	1940	180	4, 2½	25.7	Mar. 6, 1941	C, W	D, S	Cased to bottom. Screen from 174 to 180 ft.
E-47	J. Lundin et al	J. Lundin et al	--	6,487	--	--	--	--	--	Oil test. Emily Lawrence No. 1, S. Barrow survey. Electric log on file with the Texas Board of Water Engineers.
*E-48	E. E. Barrow	Amos Jennische	1938	140	4, 2	a/18	1938	C, W	D, S	Cased to bottom. Screen from 130 to 140 ft. Sand reported from 115 to 140 ft.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
E-49	C. V. Lawrence	Homer Wright	--	400	4	23.3	Apr. 16, 1941	None	N	Formerly supplied drilling rig.
*E-50	Iva Lee Kirkpatrick	Amos Jennische	1940	85	3, 2	10.2	Apr. 5, 1941	None	N	Casing: 40 ft of 4-in.; 39 ft of 2-in. Screen from 79 to 85 ft.
*E-51	S. R. Williams	C. A. Williams	1933	375	4, 2	a/30 34.0 13.3 14.1	1933 Mar. 4, 1941 Mar. 1, 1948 Oct. 6, 1948	C,W	D,S	Casing: 60 ft of 4-in.; 297 ft of 2-in. Screen from 357 to 375 ft. Abandoned well nearby drilled to same depth, flowed until 1918.
E-52	do.	--	1946	387	4	47.7	Mar. 1, 1948	None	N	Formerly supplied drilling rig. See table of water level measurements.
E-53	James Frymire	James Jennische	1947	378	3	a/58	Nov. 1947	J,E, 1	D	Cased to bottom. Screen from 363 to 378 ft.
*E-54	J. W. Frymire	J. W. Frymire	--	70	6	20.4	Mar. 4, 1941	C,H	S	Cased to bottom.
*E-55	C. Vickers	Amos Jennische	1925	346	4, 2	a/25 32.4	1927 Apr. 5, 1941	A,E, ¾	D,S	Casing: 40 ft of 4-in.; 291 ft of 2-in. Screen from 331 to 346 ft. See log.
*E-56	Dick Hayden	--	1939	22	5	11.1	Mar. 4, 1941	C,H	D,S	Cased to bottom. Reported small supply
*E-57	J. W. Wilburn	Amos Jennische	1931	410	2	a/20	1931	A,G, 3	D,S	Cased to bottom. Screen from 395 to 410 ft. Sands reported from 30 to 35, 60 to 63, 80 to 84, 88 to 96, and 390 to 410 ft. See table of water level measurements.
*E-58	E. R. Kilgore	--	1906	212	2	8.7 8.5	Apr. 4, 1941 Oct. 27, 1948	C,W	D,S	Cased to bottom. Reported flowed until 1926.
*E-59	A. M. Wilburn	--	--	18	20	10.7	Mar. 13, 1941	None	N	Dug. Cased to bottom with brick.
*E-60	Joe Syer	Amos Jennische	1939	90	4, 2	a/17	1939	C,W	D,S	Cased to bottom. Screen from 80 to 90 ft.
*E-61	do.	James Jennische	1947	441	3, 2	a/73	July 1947	J,E, 1	D	Cased to bottom. Screen from 428 to 441 ft.
E-62	J. M. Fisher	--	--	25	5	13.5	Apr. 5, 1941	None	N	
E-63	do.	Amos Jennische	1926	508	4, 2	a/5	Sept. 1926	--	--	Casing: 60 ft of 4-in.; 438 ft of 2-in. Screen from 498 to 508 ft. Caved and abandoned. See log.
E-64	Old River Rice Co.	do.	1917	520	2	a/+	1917	--	--	Cased to bottom. Caved and abandoned. See log.
*E-65	The Texas Co.	Pitre Water Wells	1948	398	3	--	--	J,E	P,S	Cased to bottom. Screen from 378 to 398 ft. Supplies oil camp. See log.
E-66	Kirby Oil Co.	James Jennische	1948	375	4	a/63	May 1948	J,E, 2	D	Cased to bottom. Screen from 355 to 375 ft. Reported yield by airlift 200 gpm when drilled.
E-67	The Texas Co.	Pitre Water Wells	1948	584	4	---	--	None	N	Cased to bottom. Screen from 564 to 584 ft. Formerly supplied drilling rig. See log.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
E-68	The Texas Co.	Pitre Water Wells	1947	372	4	a/48	Nov. 1947	None	N	Cased to bottom. Screen from 349 to 372 ft. Formerly supplied drilling rig. Sand at 93 ft reported to produce 90 gpm. See log.
*E-69	Collier & Troxell	Amos Jennische	1937	180	3	a/22	1937	C,W	D,S	Cased to bottom. Screen from 175 to 180 ft.
*E-70	Ebb Fisher	do.	1933	198	4, 2	--	--	C,W	D,S	Casing: 40 ft of 4-in.; 148 ft of 2-in. Screen from 188 to 198 ft.
*E-71	Irving Bishop	do.	1929	192	4, 2	a/20	1939	C,W	D,S	Cased to bottom. Screen from 182 to 192 ft.
*E-72	W. F. Lawrence	Jim Avera	1936	196	4, 2	a/25	1936	C,W	D,S	Casing: 60 ft of 4-in.; 124 ft of 2-in. Screen from 184 to 192 ft. See log.
*E-73	S. Fisher	--	1929	30	8	5.9	Mar. 6, 1941	C,H	N	Cased to bottom.
*E-74	--	Amos Jennische	1931	41	4	27.3	Mar. 27, 1941	C,W	S	
E-75	-- Troxell	James Jennische	1945	536	3, 2	a/101 a/98	1945 1946	J,E, 2	D	Cased to bottom. Screen from 521 to 536 ft.
*E-76	Max Brown	Amos Jennische	1917	110	4, 2	a/20 27.8	1917 Apr. 8, 1941	C,W	S	Casing: 40 ft of 4-in.; 60 ft of 2-in. Screen from 100 to 110 ft.
E-77	Odell Fisher	do.	1926	96	4, 2	a/20	1926	C,W	D,S	Casing: 40 ft of 4-in.; 36 ft of 2-in. Screen from 76 to 96 ft. See log.
*E-78	B. D. Fisher	do.	1926	97	4, 2	a/24	Nov. 1926	C,W	D,S	Casing: 40 ft of 4-in.; 47 ft of 2-in. Screen from 87 to 97 ft. See log.
E-79	Fisher Estate	do.	1939	90	4, 2	22.9	Mar. 4, 1941	C,W	N	Cased to bottom. Screen from 80 to 90 ft. Sand reported from 70 to 90 ft.
*E-80	Wilburn Bros.	do.	1940	97	4	16.4	Apr. 5, 1941	C,W	D,S	
*E-81	M. Fisher	C. A. Williams	1928	90	4	23.6	Mar. 22, 1941	C,W	D,S	Cased to bottom. Screen from 70 to 90 ft.
*E-82	Kilgore Estate	do.	1936	100	3	18.5	Mar. 4, 1941	C,H	D,S	Cased to bottom. Screen from 80 to 100 ft.
*E-83	Asa Wilburn	Amos Jennische	1919	94	3	15.9	Apr. 5, 1951	C,W	S	See table of water level measurements. See log.
*E-84	do.	do.	1926	550	4, 2	a/25 56.2	1926 Apr. 6, 1941	None	N	Cased to bottom. Screen from 535 to 550 ft.
E-85	A. M. Wilburn	C. A. Williams	--	100	4	24.8	Mar. 22, 1941	C,W	S	
*E-86	Theo Wilburn	W. Evans	1939	190	3	--	--	C,W	D,S	
*E-87	J. C. Fowler	Amos Jennische	1920	105	4	25.0	Mar. 22, 1941	C,W	D,S	Cased to bottom. Screen from 90 to 105 ft.
*E-88	Pat Higgins	--	--	--	4	--	--	C,G, 2½	D	
*E-89	O. K. Barber	Amos Jennische	1937	190	4, 2	17.2	Mar. 21, 1941	C,W	D	Casing: 40 ft of 4-in.; 140 ft of 2-in. Screen from 180 to 190 ft.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*E-90	Temple Fitzgerald	Amos Jennische	1937	190	4	--	--	C,W	D	Sand from 178 to 190 ft.
*E-91	G. C. Connor	G. C. Connor	1939	15	60	1.3	Mar. 21, 1941	C,H	D,S	Dug. Cased to bottom.
*E-92	Mrs. R. J. Thompkins	W. Evans	1940	175	3	19.1	Mar. 6, 1941	C,H	D,S	
*E-93	C. G. Elliott	James Jennische	1940	604	6	--	--	C,E, 1½	D	
E-94	-- Brown	Amos Jennische	1924	400	--	a/2	Sept. 1924	--	--	Caved and abandoned. See log.
*E-95	Mrs. -- Campacx	do.	1939	167	4, 2	18.5 19.7	Mar. 21, 1941 Oct. 5, 1948	C,E, 1½	D,S	Casing: 40 ft of 4-in.; 117 ft of 2-in. Screen from 157 to 167 ft. Sands reported from surface to 15 ft, and 152 to 167 ft.
*E-96	Optomist Boys' Camp	Layne-Texas Co. Ltd.	1938	453	5	a/22.5 16.2	May 1938 Oct. 26, 1948	C,E, ½	P	Casing: 417 ft of 5-in. Screen: 21 ft of 5-in. Supplies Boys' camp in summer.
*E-97	J. B. Wilburn Estate	Amos Jennische	1936	96	4	17.4	Apr. 8, 1941	Cf,E, 1	D,S	
*E-98	F. A. Fards Estate	C. A. Williams	1931	755	4, 2½	a/30	1931	A,E, 2	D	Casing: 80 ft of 4-in.; 655 ft of 2½-in. Screen from 735 to 755 ft. See log.
E-99	J. B. Wilburn Estate	Amos Jennische	1934	96	4	19.8	Mar. 21, 1941	Cf,E, 1	D,S	
E-100	S. C. Fisher	James Jennische	1947	610	3, 2	a/89	June 1947	C,E, ¼	D	Cased to bottom. Screen from 590 to 610 ft. Reported yield 60 gpm when drilled.
*E-101	John Beazley	Amos Jennische	1938	100	4	18.5	Mar. 20, 1941	C,E, ¼	D,S	Sand reported from 80 to 90 ft.
E-102	H. Harper	H. Harper	1936	40	6	12.4	do.	C,H	D	Cased to bottom.
*E-103	Chas. Kilgore	Amos Jennische	1939	90	4, 2	21.3	Apr. 9, 1941	C,W	S	Casing: 40 ft of 4-in.; 40 ft of 2-in. Screen from 80 to 90 ft.
*E-104	Mrs. L. L. Terrell	do.	1939	429	4, 2	a/52	July 1939	C,E, 1	D,S	Casing: 100 ft of 4-in.; 314 ft of 2-in. Screen from 414 to 429 ft.
*E-105	Whitie Algram	do.	1938	82	4, 2	7.9	Mar. 13, 1941	C,E, ¼	D,S	Cased to bottom. Screen from 72 to 82 ft.
*E-106	Atlantic Pipeline Co.	C. A. Williams	1932	638	4, 3	61.6	Jan. 8, 1941	C,E, ¼	D,S	Casing: 60 ft of 4-in.; 570 ft of 3-in. Screen from 630 to 638 ft. Supplies pipeline camp.
*E-107	W. H. Fisher	Amos Jennische	1939	93	4, 2	a/18	July 1939	C,G, ¼	D,S	Casing: 40 ft of 4-in.; 43 ft of 2-in. Screen from 83 to 93 ft. Sand reported from 60 to 93 ft.
*F-1	Luther J. Oman	do.	1933	120	4, 2	20.9	Mar. 5, 1941	C,H	D,S	Cased to bottom. Screen from 110 to 120 ft.
F-2	Ernest Winfree	C. A. Williams	1935	402	--	--	--	C,W	S	See log.
F-3	do.	Amos Jennische	1918	222	4, 2	24.0	Apr. 8, 1941	None	N	Casing: 40 ft of 4-in.; 172 ft of 2-in. Screen from 212 to 222 ft. See log.

Table 2.--Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*F-4	J. B. Wilburn Estate	--	1916	29	24	10.0	Mar. 25, 1941	None	N	Cased to bottom.
*F-5	C. J. Wilburn	James Jennische	1947	294	3	a/29	Mar. 1947	J, E, ½	D	Cased to bottom. Screen from 284 to 294 ft.
*F-6	do.	C. J. Wilburn	1937	37	4	20.1	Mar. 25, 1941	C, H	D, S	Cased to bottom.
*F-7	R. F. McKay	--	1928	100	4	--	--	C, W	D, S	Do.
*F-8	Arnold McKay	James Jennische	1947	220	3	a/28	June 1947	J, E, ½	D	Cased to bottom. Screen from 210 to 220 ft.
*F-9	W. B. McKay	C. A. Williams	1927	126	4, 2	a/26	--	C, W	D, S	Casing: 60 ft of 4-in.; 46 ft of 2-in. Screen from 106 to 126 ft.
*F-10	C. T. Joseph Estate	Jim Avera	1936	512	4, 2	a/21	1936	J, E	D, S	Casing: 69 ft of 4-in.; 433 ft of 2-in. Screen from 502 to 512 ft. See log.
*F-11	Hugh Welch	do.	1935	501	4½, 2	a/17	1935	J, E	D, S	Casing: 65 ft of 4½-in.; 424 ft of 2-in. Screen from 489 to 501 ft. See log.
F-12	C. T. Joseph Estate	Amos Jennische	1910	508	2	a/+	1910	--	--	Cased to bottom. Screen from 488 to 508 ft. Reported flow 50,000 gpd when drilled. Caved and abandoned. See log.
*F-13	W. M. Joseph	do.	1937	125	2	27.1	Apr. 8, 1941	A, G, 2	P	Cased to bottom. Screen from 107 to 125 ft. Supplies town of Cove.
F-14	Mayes Estate	Texas Highway Dept.	1941	46	--	--	--	--	--	Uncased. Highway inspection test hole. See log.
F-15	do.	do.	1941	80	--	--	--	--	--	Do.
F-16	do.	do.	1941	63	--	--	--	--	--	Do.
*F-17	U. S. Dept. of Agriculture	J. F. Abshier	1937	118	2	15.7	July 1, 1941	None	N	Do.
F-18	Sun Oil Co.	Sun Oil Co.	1935	1,252	10%	--	--	None	N	Cased to bottom. Casing perforated from 1,035 to 1,090 ft. See log.
F-19	Stanolind Oil & Gas Co.	Standolind Oil & Gas Co.	1936	1,146	10%	--	--	--	--	Oil test. Caved and abandoned. Electrical log available.
*F-20	H. W. Wilcox	Geo. Abshier	1934	90	2	--	--	C, W	N	Cased to bottom. Screen from 80 to 90 ft.
F-21	Chas. Lawrence	Amos Jennische	1911	396	2	+	Mar. 31, 1941	C, W	S	Cased to bottom. Screen from 376 to 396 ft. Reported flow 75,000 gpd when drilled. Sands from 10 to 30, 80 to 95, 190 to 220, and 356 to 396 ft.
F-22	L. H. Dunn	do.	1931	400	4, 2	a/+	1941	C, W	D, S	Casing: 40 ft of 4-in.; 345 ft of 2-in. Screen from 385 to 400 ft. Reported natural flow 25,000 gpd when drilled. See log.
F-23	Elmer Barber Estate	do.	1931	400	4, 2	a/+	1931	C, W	D, S	
*F-24	Amos Lawrence Estate	do.	1918	399	2	+	Apr. 16, 1941	C, W	S	Cased to bottom. Screen from 379 to 399 ft. Reported flow 50,000 gpd when drilled. See log.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
F-25	Chambers County Club	James Jennische	1947	247	2½	a/28	Sept. 1947	J, E, 1	D	Cased to bottom. Screen from 232 to 247 ft. Reported yield by airlift, 75 gpm when drilled.
*F-26	Anahuac City Cemetery	Geo. Abshier	1940	100	4	19.2	Apr. 24, 1941	C, W	S	Cased to bottom.
*F-27	J. C. Storms	Andy Frankland	1941	103	2½	a/24	Feb. 1941	None	N	Cased to bottom. Screen from 83 to 103 ft. Reported yield 300 gpm. Formerly supplied sawmill.
F-28	Anahuac Public School	do.	1946	107	4	a/12	Sept. 1946	J, E, 3	P	Cased to bottom. Screen from 87 to 107 ft. Supplies school.
F-29	City of Anahuac	Big State Drilling Co.	1950	122	16, 8- 5/8, 6- 5/8	a/40	Sept. 1950	T, E, 10	P	Cased to bottom. Supplies city of Anahuac.
*F-30	Fred Schultz	Andy Frankland	1946	420	2	a/8	July 1946	J, E, ½	D	Cased to bottom. Screen from 410 to 420 ft.
F-31	Lone Star Canal Co.	Layne-Texas Co. Ltd.	1936	255	--	a/9	Sept. 1941	--	--	See log.
*F-32	Wilcox Estate	--	1892	840	4	+8.1	Sept. 15, 1941	None	N	Estimated flow 4 gpm in 1941. Supplied city of Anahuac until 1930. Not flowing in 1948.
F-33	G. Chambliss	L. B. Pitre	1937	203	2	--	--	--	--	Cased to bottom. Screen from 173 to 203 ft. Caved and abandoned. See log.
F-34	do.	Geo. Abshier	1936	95	2	a/7	1939	None	N	Cased to bottom. Screen from 85 to 95 ft. Formerly supplied city of Anahuac.
*F-35	do.	-- Fawcett	1936	95	6	--	--	None	N	Cased to bottom. Screen from 85 to 95 ft. Input well for overflow from city storage tank.
*F-36	do.	Andy Frankland	1947	108	4	a/12	Apr. 1947	None	N	Cased to bottom. Screen from 93 to 108 ft. Supplies County Courthouse. Formerly supplied city of Anahuac.
F-37	do.	Geo. Abshier	1936	96	3	4.9	July 24, 1941	None	N	Cased to bottom. Screen from 86 to 96 ft. Formerly supplied city of Anahuac. See table of water level measurements.
F-38	do.	do.	1940	96	2	--	--	None	N	Do.
*F-39	J. O. Nelson	J. F. Abshier	1935	110	2	--	--	Cf, E, ½	D, S	Cased to bottom. Screen from 94 to 110 ft.
*F-40	G. W. Scott	Geo. Abshier	1936	110	2	--	--	C, E, 1	D, S	Cased to bottom. Screen from 100 to 110 ft.
*F-41	H. Faring	Andy Frankland	1940	105	3, 2	a/23	1940	Cf, E, 1	D, S	Casing: 20 ft of 3-in.; 75 ft of 2-in. Screen from 95 to 105 ft.
*F-42	U. S. Dept. of Agriculture	Geo. Abshier	1937	119	2	--	--	None	N	Cased to bottom. Formerly supplied dipping vat.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*F-43	E. W. Sykes	Geo. Abshier	1936	138	2	8.2	May 8, 1941	C,E, ¼	D,S	Cased to bottom. Screen from 128 to 138 ft. Sand reported from 103 to 138 ft.
F-44	Humble Oil & Refining Co.	Pitre Water Wells	1943	158	4	--	--	C,E	P	Screen from 135 to 148 ft. Reported yield by airlift 80 gpm when drilled. Supplies oil field camp. See log.
*F-45	Mrs. A. S. Scherer	D. Scherer	--	22	72	13.0	May 6, 1941	C,W	D,S	Dug. Wooden casing.
*F-46	do.	Andy Frankland	1945	315	2	a/8	Aug. 1945	J,E, ½	D	Cased to bottom. Screen from 295 to 315 ft.
*F-47	U. S. Dept. of Agriculture	Geo. Abshier	1937	100	2	7.5	May 6, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*F-48	Kocijan Bros.	Kocijan Bros.	1940	25	6	2.2	May 25, 1941	C,W	S	Cased to bottom. Casing perforated from 12 to 20 ft.
F-49	Morris & Walling	A-1 Water Wells	1944	296	4	--	--	--	--	Well first drilled 130 ft and abandoned because of insufficient yield. Later drilled to 296 ft and again abandoned for same reason.
*F-50	C. O. Crone	Geo. Abshier	--	115	2	--	--	C,W	D,S	Cased to bottom.
F-51	Brown & Root Co.	Andy Frankland	1948	120	2	a/12	Oct. 1948	J,E, ½	Ind	Cased to bottom. Screen from 110 to 120 ft.
*F-52	U. S. Dept. of Agriculture	Geo. Abshier	1937	33	2	4.5	May 6, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*F-53	J. W. Kocijan	J. W. Kocijan	1939	18	6	6.8	do.	C,H	S	Cased to bottom.
G-1	R. J. Ursillo	R. J. Ursillo	1943	6,602	--	--	--	--	--	Oil test. Mayes No. 1, M. A. Carroll survey. Electrical log on file with the Texas Board of Water Engineers.
*G-2	S. Roy White	Jack White	1934	82	2½	7.6	May 15, 1941	C,E, 1/3	D,S	Cased to bottom. Screen from 70 to 82 ft.
G-3	do.	--	1900	900	3	--	--	--	--	Reported flowed until 1939. Caved and abandoned.
*G-4	Taylor White Estate	Jack White	1926	240	1½	11.2 11.7	May 15, 1941 Mar. 16, 1949	C,W	D,S	Cased to bottom. Screen from 220 to 240 ft.
G-5	U. S. Dept. of Agriculture	J. F. Abshier	1937	36	2	3.2	Apr. 15, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*G-6	do.	do.	1937	154	2	6.2	July 1, 1941	None	N	Do.
G-7	H. W. Lanz	--	1904	500	6	--	--	--	--	Cased to bottom. Screen from 480 to 500 ft. Drilled for irrigation. Yield inadequate. Abandoned.
G-8	do.	--	1904	500	6	--	--	--	--	Do.
G-9	do.	--	1904	500	6	--	--	--	--	Do.
*G-10	Continental Oil Co.	Andy Frankland	1946	250	4	a/8	Apr. 1946	C,W	D	Cased to bottom. Screen from 234 to 250 ft.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*G-11	B. E. Quinn	--	1932	16	48	3.4	June 6, 1941	C,H	D	Wooden casing.
G-12	Sun Oil Co.	Sun Oil Co.	--	2,412	--	--	--	--	--	Salt water disposal well No. 1, R. M. White survey. Electrical log on file with the Texas Board of Water Engineers.
*G-13	Humble Oil & Refining Co.	Humble Oil & Refining Co.	1938	147	2½	10.9	Apr. 15, 1941	G,-	Ind	Cased to bottom. Screen from 125 to 147 ft. See log.
G-14	J. C. Manes	Andy Frankland	1948	514	4	a/3	Oct. 1948	None	N	Screen from 493 to 514 ft. Formerly supplied drilling rig. Casing pulled and well abandoned.
*G-15	U. S. Dept. of Agriculture	J. F. Abshier	--	445	2	5.4	May 2, 1941	None	N	Cased to bottom. Formerly supplied dipping vat. See table of water level measurements.
*G-16	Humble Oil & Refining Co.	--	--	15	36	8.7	June 4, 1941	Cf,E, 5	D,S	Dug.
G-17	do.	Luther Patterson	1935	51	6	--	--	None	N	Cased to bottom. Screen from 30 to 51 ft. See log.
*G-18	do.	do.	1939	63	6	--	--	T,E, 5	D,S	Cased to bottom. Screen from 32 to 63 ft. Reported yield 50 gpm during 48-hour pumping test. Supplies oil field camp. See log.
G-19	Sun Oil Co.	do.	1935	358	4	10.8 17.1	Apr. 7, 1941 Mar. 14, 1954	None	N	Cased to bottom. Screen from 334 to 358 ft.
*G-20	Taylor White Estate	Jack White	1926	220	2	12.6	June 4, 1941	None	N	Cased to bottom. Screen from 200 to 220 ft.
*G-21	do.	do.	1926	84	2½	0.1	do.	None	N	Cased to bottom. Screen from 74 to 84 ft.
G-22	White & Barrett	J. T. Jones	1926	1,500	--	--	--	--	--	Oil test. Reported to have flowed when drilled. Coarse sand from 515 to 540 ft. Formerly supplied dipping vat.
G-23	U. S. Dept. of Agriculture	Geo. Abshier	1937	454	2	11.5	May 15, 1941	None	N	Formerly supplied dipping vat.
G-24	Sinclair Oil Co.	Andy Frankland	1945	426	4	a/7	Feb. 1945	--	--	Screen from 406 to 426 ft. Formerly supplied drilling rig. Casing pulled, well abandoned.
*G-25	E. W. Brown	Geo. Abshier	1935	115	2	a/22	1935	C,H	D,S	Cased to bottom. Screen from 106 to 115 ft.
*G-26	-- Helgemier	do.	1940	102	2	a/22	1940	C,E, ¼	D	Cased to bottom.
*G-27	U. S. Dept. of Agriculture	do.	1937	101	2	21.4	May 15, 1941	None	N	Formerly supplied dipping vat.
*G-28	Ezra Sherman	--	--	100	2	21.2	Apr. 22, 1941	C,E, ¼	D	
*G-29	Ox Herman	Andy Frankland	1947	345	2	a/12	June 1947	C,W	S	Cased to bottom. Screen from 330 to 345 ft.
*G-30	J. J. Boudreaux	do.	1945	440	2	a/12	Aug. 1945	J,E, ½	D	Cased to bottom. Screen from 420 to 440 ft.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*G-31	Bell Tourist Court	Geo. Abshier	1936	38	2	1.0	Apr. 25, 1941	C, E, $\frac{1}{2}$	D, S	Cased to bottom. Screen from 32 to 38 ft.
G-32	G. H. Miles	Andy Frankland	1945	344	2	a/7	Oct. 1945	J, E, $\frac{1}{2}$	D	Cased to bottom. Screen from 334 to 344 ft.
G-33	do.	Geo. Abshier	1940	110	2	13.1	Apr. 25, 1941	None	N	Cased to bottom. Screen from 103 to 110 ft.
*G-34	-- Barringer	J. F. Abshier	1932	350	2	6.2	May 2, 1941	None	N	Cased to bottom. Screen from 340 to 350 ft. See table of water level measurements.
*G-35	Bob Bosque	--	1939	20	48	7.1	June 25, 1941	C, H	N	Dug.
*G-36	O. White	J. F. Abshier	1939	345	2	a/6	1939	C, E, $\frac{1}{2}$	D, S	Cased to bottom. Screen from 335 to 345 ft.
*G-37	W. Stockwell	do.	1939	347	2	5.3	May 2, 1941	None	N	Cased to bottom. Screen from 337 to 347 ft.
*G-38	do.	Andy Frankland	1946	325	2	12.0	Feb. 28, 1949	C, E	D	
*G-39	U. S. Dept. of Agriculture	J. F. Abshier	1937	357	2	5.8	Apr. 15, 1941	J, E	--	Cased to bottom. Formerly supplied dipping vat.
*G-40	A. D. Middleton	do.	1931	340	2 $\frac{1}{2}$	a/13	1931	C, G, 3	D, S	Cased to bottom. Screen from 330 to 340 ft. Formerly supplied dipping vat.
G-41	do.	Geo. Abshier	1935	567	2	a/0	1935	--	--	Cased to bottom. Screen from 557 to 567 ft. Water reported salty. Caved and abandoned.
*G-42	Humble Pipeline Co.	do.	1935	40	4	a/10	1939	C, W	D	Cased to bottom. Supplies pumping station.
G-43	Humble Oil & Refining Co.	Humble Oil & Refining Co.	1948	8,815	--	--	--	--	--	Oil test. W. C. Tyrrell, Jr., No. C-1, H. & T.C. survey, tract no. 65. Electrical log on file with the Texas Board of Water Engineers.
*G-44	A. D. Middleton	Jack White	1933	540	2 $\frac{1}{2}$	a/+	1933	C, W	S	Cased to bottom. Screen from 511 to 526 ft.
*G-45	--	Oscar White	--	25	6	8.2	Apr. 11, 1941	C, H	D	
*G-46	Roy Turner	Andy Frankland	1947	340	2	a/10	Feb. 1947	J, E, $\frac{1}{2}$	D	Cased to bottom. Screen from 330 to 340 ft.
G-47	H. H. Sudindorf	Harrison & Habbercoma	1935	125	--	--	--	--	--	Water reported too highly mineralized for irrigation. Caved and abandoned.
*G-48	M. K. Smith	H. Guyrasky	1932	14	36	4.0	Apr. 11, 1941	C, H	S	Dug. Cased to bottom.
*G-49	Teresa Beverly	--	1940	11	48	2.7	June 3, 1941	B	D	Dug.
G-50	Ora Lee Smith	Andy Frankland	1945	157	2	a/10	May 1945	J, E, $\frac{1}{2}$	D	Cased to bottom. Screen from 142 to 157 ft.
*G-51	--	--	1939	30	1 $\frac{1}{2}$	--	--	C, W	S	Cased to bottom.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
G-52	--	Andy Frankland	1935	255	--	--	--	--	--	Reported drilled into logs in fine sand at 250 ft. Casing pulled. Well abandoned.
*G-53	Leroy Edmonds	do.	1945	485	2	a/4	Dec. 1945	C,W	D	Cased to bottom. Screen from 475 to 485 ft. Supplies camp.
*G-54	W. J. Stines	W. J. Stines	1936	22	4	12.8	June 25, 1941	C,H	S	Cased to bottom.
*G-55	Mrs. A. T. Eddigston	Geo. Abshier	1936	115	4	--	--	C,G, 2	D,S	Do.
*G-56	P. E. Jackson	P. E. Jackson	1932	14	4	4.4	June 25, 1941	B	D,S	Do.
*G-57	U. S. Dept. of Agriculture	Geo. Abshier	1937	114	2	6.3	June 3, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*G-58	Layne & Bowler Co.	Layne & Bowler Co.	1910	1,050	26, 8½	5.4	Apr. 4, 1941	None	N	Supply above 896 ft reported inadequate for irrigation. Lower sands reported to yield flow of salt water. See table of water level measurements. See log.
*G-59	U. S. Dept. of Agriculture	Geo. Abshier	1937	283	2	3.9	May 22, 1941	None	N	Formerly supplied dipping vat.
*G-60	do.	do.	1937	184	2	5.5	do.	C,H	D,S	Formerly supplied dipping vat. See table of water level measurements.
G-61	John Dennison	--	--	8	48	3.5	do.	None	N	Dug. Brick casing.
*G-62	--	--	--	17	6	1.8	do.	C,H	N	
*G-63	J. E. Broussard	--	1925	24	6	3.1	do.	C,H	S	
*G-64	F. Jackson	Geo. Abshier	1939	455	2	+5.0	Aug. 21, 1941	None	N	Cased to bottom. Estimated natural flow in 1941, 2 gpm.
G-65	John Jackson	Amos Jennische	1918	669	2	a/+	Oct. 1918	None	N	Cased to bottom. Screen from 629 to 669 ft. Reported natural flow 50,000 gpd when drilled. See log.
G-66	Sterling Oil Co.	Andy Frankland	1945	292	4	a/+2	Sept. 1945	--	--	Screen from 272 to 292 ft. Formerly supplied drilling rig. Casing pulled, well abandoned.
*G-67	F. Jackson	Geo. Abshier	1939	460	2	1.4	May 12, 1941	None	N	Cased to bottom. Reported flowed until 1940.
*G-68	do.	--	1936	18	48	3.9	do.	C,H	D,S	Dug.
*G-69	do.	--	1936	17	--	4.0	do.	C,H	D	
*G-70	Bud Moss	Andy Frankland	1940	87	2	--	--	C,W	S	Cased to bottom. Screen from 73 to 87 ft.
G-71	do.	Amos Jennische	1918	485	2	a/+	1940	--	--	Cased to bottom. Screen from 465 to 485 ft. Reported natural flow 60,000 gpd when drilled. Caved and abandoned. See log.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*G-72	U. S. Dept. of Agriculture	Geo. Abshier	1937	160	2	3.7	July 7, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*G-73	--	J. F. Abshier	1937	260	2	+1.6	Aug. 21, 1941	C,W	S	Cased to bottom. Screen from 250 to 260 ft.
*G-74	Guy Jackson	--	--	13	54	4.4	June 24, 1941	C,W	S	Dug.
G-75	U. S. Dept. of Agriculture	J. F. Abshier	1937	100	2	3.8	May 7, 1941	None	N	Cased to bottom. Screen from 90 to 100 ft. Formerly supplied dipping vat.
G-76	Placid Oil Co.	Placid Oil Co.	1948	9,232	--	--	--	--	--	Oil test. Bertha Jackson No. 1, R.R. Booth Survey, A-34. Electrical log on file with the Texas Board of Water Engineers.
*G-77	Andy Frankland	Andy Frankland	1942	28	2	a/12	1942	J,E, ½	D	Cased to bottom. Screen from 18 to 28 ft.
*G-78	J. C. Jackson	--	1903	21	6	1.4	May 7, 1941	C,G, 1½	D,S	Cased to bottom; 4-in. screen from 6 to 21 ft.
*G-79	Martha Johnson	--	1921	30	4	12.2	do.	B	D,S	Wooden casing to bottom.
*G-80	F. Jackson	Geo. Abshier	1940	660	2	2.4	May 6, 1941	C,E, ½	S	Cased to bottom. Screen from 640 to 660 ft.
*G-81	Mays White	Modesto White	1939	20	1¼	0.4	May 7, 1941	C,H	S	Cased to bottom. Sand point from 16 to 20 ft.
G-82	Dess White	Andy Frankland	1944	464	2	a/6	May 1944	C,W	S	Cased to bottom. Screen from 454 to 464 ft.
*G-83	Ocie Jackson	do.	1942	525	2	a/3	Mar. 1942	C,E, ½	D	Cased to bottom. Screen from 515 to 525 ft.
*G-84	Arthur Jackson	J. F. Abshier	1928	640	2	3.9	May 6, 1941	C,E, ½	S	Cased to bottom. Screen from 625 to 640 ft. Reported flowed until 1930.
*G-85	H. Haynes	do.	1939	480	2	a/2	1940	C,W	D,S	Cased to bottom. Screen from 470 to 480 ft. Sand reported from 430 to 480 ft. Reported to have flowed when drilled.
*G-86	do.	Andy Frankland	1942	507	2	a/0.0	1942	C,W	D	Cased to bottom. Screen from 487 to 507 ft.
*H-1	U. S. Dept. of Agriculture	J. F. Abshier	1937	164	2	7.9	May 1, 1941	None	N	Formerly supplied dipping vat.
H-2	O. C. Devillier, Jr.	A-1 Water Wells	1948	181	4	a/8	May 1948	J,E, ¾	D	Cased to bottom. Screen from 171 to 181 ft.
*H-3	E. C. Devillier	E. C. Devillier	1936	12	4	2.5	May 1, 1941	C,W	D,S	Cased to bottom.
*H-4	F. Dugat	Geo. Abshier	1939	150	2	13.7	do.	C,H	--	Cased to bottom. Screen from 140 to 150 ft.
*H-5	U. S. Dept. of Agriculture	J. F. Abshier	1937	144	2	13.5	June 6, 1941	None	N	Formerly supplied dipping vat.
*H-6	H. M. Franzen	V. R. Phelps	1936	162	3	a/5	1936	C,E, 1/3	D,S	Cased to bottom. Screen from 152 to 162 ft. See log.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
H-7	D. Leger	A-1 Water Wells	1945	141	2	a/12	Oct. 1945	J, E, 1	D	Cased to bottom. Screen from 131 to 141 ft.
H-8	--	White & Bolear	1921	254	4	a/12	1927	--	--	Reported yield 50 gpm when drilled. Supplied canning plant. Caved and abandoned.
*H-9	D. W. Syphrett	V. R. Phelps	1936	140	2	a/6	1934	C, E, 1/2	P	Cased to bottom. Screen from 130 to 140 ft. Supplies service station and group of houses.
*H-10	H. M. Franzen	John Gunn	1932	165	3	11.4	May 1, 1941	Cf, E, 3	D	Cased to bottom. Screen from 153 to 165 ft. Sands reported from 87 to 91 and 145 to 165 ft.
*H-11	P. Broussard	V. R. Phelps	1940	144	1 1/4	a/6	1940	C, E, 1/4	D, S	Cased to bottom. Screen from 140 to 144 ft.
*H-12	V. R. Phelps	do.	1942	146	1 1/4	a/9 a/20	July 1942 Mar. 1948	C, E, 1/4	D	Cased to bottom. Screen from 131 to 146 ft.
H-13	W. P. Kunefke	Humble Oil & Refining Co.	1939	510	4	a/+	1939	--	--	Seismograph test hole. Casing pulled, hole abandoned.
*H-14	do.	V. R. Phelps	1940	140	1 1/4	a/6	Oct. 1940	C, E, 1/4	D, S	Cased to bottom. Screen from 136 to 140 ft. See log.
H-15	McCarthy Oil Co.	B & L Water Wells	1947	413	4	a/8	Feb. 1947	--	--	Screen from 390 to 413 ft. Formerly supplied drilling rig. Casing pulled, well abandoned.
*H-16	Chambers County	Jack White	1932	185	2	--	--	C, E, 1	P	Cased to bottom. Supplies school at Stowell.
*H-17	Eddie Rudd	V. R. Phelps	1940	227	1 1/4	a/0	Dec. 1940	C, E, 1/4	D	Cased to bottom.
*H-18	U. S. Dept. of Agriculture	J. F. Abshier	1937	46	2	1.1	May 1, 1941	None	N	Formerly supplied dipping vat.
H-19	G. H. Menely	V. R. Phelps	1940	151	2	10.8	do.	C, E, 1/4	D, S	Cased to bottom. Screen from 147 to 151 ft. Sands reported from 60 to 70 and 131 to 151 ft.
H-20	--	Sun Oil Co.	--	700	--	--	--	--	--	Seismograph test hole. Oyster shells reported from 320 to 327 ft. Water sand reported at 400 ft. Casing pulled, well abandoned.
*H-21	U. S. Dept. of Agriculture	J. F. Abshier	1937	257	2	9.8	June 5, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*H-22	-- Starrett	Jack White	1931	240	2	9.0 12.6	June 5, 1941 Dec. 1, 1948	C, W	D, S	Cased to bottom. Screen from 228 to 240 ft.
H-23	C. Menard, Jr.	A-1 Water Wells	1948	174	2	a/8	Jan. 1948	C, E	D	Cased to bottom. Screen from 164 to 174 ft.
*H-24	H. B. Haynes	--	1930	325	1 1/2	6.8	May 13, 1941	C, W	D, S	
*H-25	Garth Bros.	C. Menard	1940	50	3	--	--	C, H	S	Cased to bottom. Sand point from 47 to 50 ft.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*H-26	U. S. Dept. of Agriculture	Geo. Abshier	1937	37	2	2.4	May 13, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*H-27	H. P. Draught & Co.	F. O. Mauboules	1934	23	8	1.6	May 14, 1941	C, H	S	Cased to bottom.
*H-28	--	J. F. Abshier	1935	340	4, 2	a/7	1940	C, W	D, S	Cased to bottom. Screen from 330 to 340 ft.
H-29	L. G. Ogden	Dave Coffee	1903	336	6	--	--	--	--	Used for irrigation in 1903. Caved and abandoned.
*H-30	J. C. White	--	1940	158	3	10.4	May 14, 1941	C, E, $\frac{3}{4}$	D, S	
H-31	R. M. White	Dave Phelps	1948	180	2	21.8	Mar. 1, 1949	C, H	D	Cased to bottom. Screen from 170 to 180 ft.
*H-32	Mrs. R. M. White	Jack White	1929	184	2	11.6	May 14, 1941	C, E, $\frac{1}{2}$	D, S	Cased to bottom. Screen from 164 to 184 ft.
H-33	E. J. Menard	A-1 Water Wells	1948	170	2	a/12	Nov. 1948	C, E, $\frac{1}{4}$	D	Cased to bottom. Screen from 160 to 170 ft.
*H-34	J. T. White	Jack White	1926	170	1½	11.9	May 14, 1948	C, E, $\frac{1}{4}$	D, S	Do.
H-35	Joe Emenheiser	A-1 Water Wells	1945	154	2	a/17	Apr. 1945	C, E, $\frac{1}{2}$	D	Cased to bottom. Screen from 132 to 154 ft.
*H-36	U. S. Dept. of Agriculture	J. F. Abshier	1937	150	2	5.1	May 14, 1941	None	N	Formerly supplied dipping vat.
H-37	Housch & Thompson Drilling Co.	A-1 Water Wells	1943	259	4	a/0	1943	--	--	Screen from 239 to 259 ft. Formerly supplied drilling rig. Casing pulled, well abandoned.
H-38	O. H. Acom	Dave Coffee	1903	244	10	a/11.8	1903	--	--	Cased to bottom. Screen from 184 to 244 ft. Reported flow 60 gpm when drilled. Used for irrigation until 1905. Caved and abandoned.
H-39	Sawyer Drilling Co.	Pitre Water Wells	1943	184	4	a/4	Apr. 1943	--	--	Screen from 151 to 174 ft. Reported yield by airlift 85 gpm when drilled. Formerly supplied drilling rig. Casing pulled, well abandoned. See log.
*H-40	P. J. Gaspard	A-1 Water Wells	1946	219	2	a/8	Feb. 1946	J, E, $\frac{1}{2}$	D	Cased to bottom. Screen from 209 to 219 ft.
*H-41	-- Gelans	--	--	153	2	6.6	May 14, 1941	A, G, $1\frac{1}{2}$	D, S	
*H-42	J. B. Meyers	V. R. Phelps	1940	197	1½	a/1	Sept. 1940	C, W	D, S	Cased to bottom. Screen from 193 to 197 ft. See log.
*H-43	U. S. Dept. of Agriculture	J. F. Abshier	1937	184	2	4.5 10.7	May 14, 1941 Dec. 1, 1949	C, H	D, S	Cased to bottom. Formerly supplied dipping vat.
H-44	Courtney Marshall	--	1912	--	4	5.4	July 23, 1941	--	--	Supplied canning plant until 1935. Caved and abandoned.
*H-45	--	J.D.Hollingshead	1940	86	2	2.4	May 23, 1941	C, W	D, S	Cased to bottom. Screen from 81 to 85 ft.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*H-46	Chambers County	--	1941	39	2	6.4	June 5, 1941	None	N	Seismograph test hole.
*H-47	U. S. Dept. of Agriculture	J. F. Abshier	1937	42	2	1.5	May 5, 1941	None	N	Cased to bottom. Formerly supplied dipping vat.
*H-48	Bon Manuel	A-1 Water Wells	1946	417	2	a/0	Mar. 1946	C,G,	D	Cased to bottom. Screen from 406 to 417 ft.
*H-49	Brown Estate	--	1923	176	2	9.3	Mar. 6, 1949	1/2	S	Reported formerly supplied 5,000 cattle.
*H-50	D. A. Bennett	J.D.Hollingshead	1937	165	2	a/3	May 22, 1941	C,H	D,S	Cased to bottom. Screen from 155 to 165 ft. Sand reported from 143 to 165 ft.
H-51	Frost Oil Co.	Pitre Water Wells	1942	195	3	a/6	Jan. 1941	J,E,	D	Cased to bottom. Screen from 167 to 187 ft. Reported yield by airlift 75 gpm when drilled.
*H-52	O. H. Acom	Sun Oil Co.	1939	197	5	a/2	Apr. 1948	1/2	Ind	Cased to bottom. Screen from 175 to 195 ft. Supplies pumping station.
*H-53	do.	do.	--	12	2	--	--	G,-	--	
*H-54	do.	H. L. Dow	1937	26	4	2.3	May 23, 1941	G,-	D,S	
H-55	Taylor White Estate	Jack White	1936	220	2	4.8	Aug. 23, 1941	Cf,G	N	Cased to bottom. Screen from 200 to 220 ft.
H-56	Sun Oil Co.	A-1 Water Wells	1948	221	4	a/4	Apr. 1948	None	--	Screen from 197 to 221 ft. Formerly supplied drilling rig. Caved and abandoned. See log.
*H-57	F. Jackson	--	--	176	2	1.9	May 22, 1941	--	N	
*H-58	Broussard & Hebert	Sun Oil Co.	1939	211	5	0.3	May 23, 1941	None	Ind	Cased to bottom. Screen from 190 to 211 ft. Supplied pumping station.
*H-59	do.	--	--	14	6	4.4	May 22, 1941	G,-	D,S	Tile casing.
H-60	Sun Oil Co.	A-1 Water Wells	1948	213	4	a/4	Jan. 1948	B	--	Screen from 195 to 213 ft. Formerly supplied drilling rig. Caved and abandoned. See log.
H-61	Prince Drilling Co.	Pitre Water Wells	1941	186	4	--	--	--	--	Screen from 159 to 181 ft. Formerly supplied drilling rig. Caved and abandoned. See log.
*H-62	Chambers County	--	Old	16	4	2.3	May 23, 1941	--	N	Wooden casing.
H-63	J. M. Frost	A-1 Water Wells	1942	30	2	a/6	Aug. 1942	None	D	Cased to bottom. Screen from 26 to 30 ft.
H-64	Sun Oil Co.	do.	1947	194	4	a/3	Sept. 1947	C,W	Ind	Cased to bottom. Screen from 174 to 194 ft. Supplies warehouse. See log.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*H-65	O. H. Acom	Sun Oil Co.	1938	221	5	2.5	May 24, 1941	C,E, ½	Ind	Cased to bottom. Screen from 179 to 218 ft. Supplies pumping station.
H-66	Bill McBride	A-1 Water Wells	1942	180	2	a/0	Mar. 1942	C,G	D	Cased to bottom. Screen from 172 to 180 ft.
*H-67	Hebert Trust Co.	--	Old	91	1½	5.0	May 23, 1941	C,W	S	
H-68	Carlyle McBride	A-1 Water Wells	1943	38	2	a/5	Aug. 1943	--	--	Screen from 34 to 38 ft. Water reported salty. Casing pulled, well abandoned.
*H-69	U. S. Dept. of Agriculture	--	Old	180	2½	+2.9	July 16, 1941	Flows	S	Estimated flow 2 gpm in 1941. Formerly supplied dipping vat. See table of water level measurements.
*H-70	Taylor White Estate	Joe Johnson	1937	28	--	3.9	May 20, 1941	C,H	D	Supplies several families.
H-71	J. S. Kole	A-1 Water Wells	1941	368	1¼	a/+3	Sept. 1941	--	--	Screen from 359 to 368 ft. Reported high sulfates. Casing pulled, well abandoned.
H-72	R. Barrow	--	1913	--	--	a/+	1913	--	--	Oil test. Reported to flow when drilled. Sand reported from 640 to 650 ft.
*H-73	do.	--	--	16	48	6.2	May 20, 1941	C,W	S	Dug.
H-74	Charles Jones, Sr.	A-1 Water Wells	1942	160	2	a/0	Aug. 1942	C,G, 1	S	Cased to bottom. Screen from 152 to 160 ft.
*H-75	R. Barrow	J. F. Abshier	--	234	2	+4.3	July 23, 1941	None	N	Cased to bottom. Screen from 214 to 234 ft.
*H-76	do.	R. J. Thompkins	1912	208	3	0.1 2.6	May 20, 1941 Nov. 20, 1948	C,W	S	Cased to bottom. Screen from 188 to 208 ft. Reported flow 1,000 gpd when drilled.
*H-77	F. Jackson	Geo. Abshier	1935	224	2	+0.8	July 8, 1941	Cf,G, ½	S	Cased to bottom.
*H-78	Courtney Marshall	--	--	21	--	3.8	May 14, 1941	C,H	D,S	
*J-1	Chas. Kilgore	--	--	11	4	5.2	Mar. 28, 1941	C,W	S	
*J-2	do.	Amos Jennische	1939	550	2	a/55	1939	A,E, 1	D,S	Cased to bottom. Screen from 535 to 550 ft. See table of water level measurements.
J-3	S. C. Fischer	do.	1937	98	4	24.4	Mar. 13, 1941	None	N	Cased to bottom. Screen from 88 to 98 ft.
*J-4	Houston YMCA	--	1923	630	8	a/30	1936	A,E, 3	P,S	Reported yield 25 gpm. Supplies camp.
*J-5	-- Ledbetter	Amos Jennische	1940	630	4,	a/55	1940	E	D,S	Cased to bottom. Screen from 615 to 630 ft. Reported to yield some gas.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*J-6	Camp Allen	C. A. Williams	1926	600	4, 2½	a/20 a/40 a/55	1926 1931 1941	C, E	D	Casing: 60 ft of 4-in.; 520 ft of 2½-in. Screen from 580 to 600 ft.
*J-7	do.	James Jennische	1945	685	4, 2	a/75	Mar. 1945	C, E, ½	P	Casing: 634 ft of 4-in.; 21 ft of 2-in. Screen from 634 to 644 and 665 to 685 ft. Supplies camp.
*J-8	Seacrest Park	Pitre Water Wells	1946	709	6, 4	92.6	Oct. 5, 1948	J, E, 5	P	Casing: 666 ft of 6-in.; 22 ft of 4-in. Screen from 666 to 687 ft. Well originally 749 ft deep. Reamed to 709 ft in 1947. See table of water level measurements. See log.
*J-9	Paul B. Miller	Amos Jennische	1941	100	4, 2	a/24	Mar. 1941	Cf, E, 1	S	Cased to bottom. Screen from 90 to 100 ft.
*J-10	R. A. Wolfe	C. A. Williams	1930	600	4, 2½	52.1	Mar. 20, 1941	None	N	Casing: 80 ft of 4-in.; 500 ft of 2½-in. Screen from 580 to 600 ft. Water level below obstruction at 90 ft. in Oct. 1948.
J-11	do.	James Jennische	1948	102	4	a/20	Aug. 1948	J, E, 1	D	Cased to bottom. Screen from 82 to 102 ft. Reported yield by airlift 20 gpm when drilled.
J-12	Humble Oil & Refining Co.	Humble Oil & Refining Co.	1948	7,519	--	--	--	--	--	Oil test. State no. 7, section 127. Electrical log on file with the Texas Board of Water Engineers.
J-13	do.	do.	1940	550	4	11.9 12.2 39.9	July 28, 1941 May 15, 1942 Dec. 16, 1948	None	N	Cased to bottom. Screen from 521 to 550 ft. Formerly supplied drilling rig. In Galveston Bay.
J-14	do.	do.	1940	557	4	11.8 11.0	July 28, 1941 May 15, 1942	None	N	Cased to bottom. Screen from 524 to 556 ft. Formerly supplied drilling rig. In Galveston Bay. See log.
J-15	do.	do.	1948	708	4	59.6	Dec. 16, 1948	None	N	Cased to bottom. Screen from 655 to 708 ft. Formerly supplied drilling rig. In Galveston Bay. See table of water level measurements. See log.
J-16	do.	do.	1948	1,001	--	--	--	--	--	Oil test. State No. A-44, section 263. Electrical log on file with the Texas Board of Water Engineers
K-1	do.	do.	1940	651	4	--	--	None	N	Cased to bottom. Screen from 559 to 592 ft. Formerly supplied drilling rig. In Galveston Bay.
*K-2	do.	do.	1941	597	4	4.4	May 15, 1942	None	N	Cased to bottom. Screen from 564 to 597 ft. Formerly supplied drilling rig. In Galveston Bay. See table of water level measurements.
K-3	do.	do.	1948	9,051	--	--	--	--	--	Oil test. State No. 12-C, tract A-1. Electrical log on file with the Texas Board of Water Engineers.
*K-4	--	Don Bishop	1939	110	2	2.2	May 6, 1941	None	N	
*K-5	Brown & Root	Andy Frankland	1947	400	3	a/3	July 1947	C, G	Ind	Cased to bottom. Screen from 390 to 400 ft. Supplies ship yards.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*K-6	Dess White	Andy Frankland	1944	546	2	a/4	Apr. 1944	C,W	S	Cased to bottom. Screen from 526 to 546 ft.
*K-7	E. A. Wilburn	R. J. Thompkins	1931	514	2	a/0	1940	C,W	S	Cased to bottom. Screen from 474 to 514 ft.
*K-8	do.	Andy Frankland	1940	330	2	0.0	July 15, 1941	C,W	S	Cased to bottom. Screen from 310 to 330 ft. Reported small flow when drilled.
*K-9	Henry Gau	do.	1939	216	1½	a/+1	1939	C,W	S	Cased to bottom. Screen from 200 to 216 ft.
*K-10	L. J. Harding	--	1937	30	2½	1.6	May 7, 1941	C,W	D,S	Cased to bottom. Screen from 25 to 30 ft.
*K-11	Henry Gau	R. J. Thompkins	1931	685	2	a/0	May 1941	C,W	S	Cased to bottom. Screen from 665 to 685 ft. Reported flowed until 1937.
*K-12	W. J. Hawkins	Andy Frankland	1940	25	2	a/9	1940	C,W	D,S	Cased to bottom. Screen from 15 to 25 ft.
*K-13	McCarthy Oil Co.	Pitre Water Wells	1945	214	4	a/8	Nov. 1945	J,E	P	Cased to bottom. Screen from 192 to 214 ft. Reported yield by airlift 75 gpm when drilled. Supplies oil camp. See log.
K-14	Sun Oil Co.	Andy Frankland	1944	223	5	a/19	Apr. 1944	None	N	Cased to bottom. Screen from 203 to 223 ft. Formerly supplied drilling rig. See table of water level measurements.
*K-15	G. R. Canada	Geo. Abshier	1939	210	2	a/0	1939	C,W	S	Cased to bottom. Screen from 190 to 210 ft. Drilled to 500 ft and plugged back to 210 ft.
*K-16	U. S. Dept. of Agriculture	do.	1937	527	2	1.6	May 7, 1941	--	--	Screen from 511 to 527 ft. Formerly supplied dipping vat. Casing pulled, well abandoned.
*K-17	Dess White	--	1910	300	2½	+	July 3, 1941	C,W	S	Estimated flow in 1941 2 gpm.
*K-18	Ocie Jackson	Andy Frankland	1943	735	2	a/+1	Sept. 1943	C,W	S	Cased to bottom. Screen from 715 to 735 ft.
*K-19	Humble Oil & Refining Co.	do.	1948	241	6	a/12	Oct. 1948	J,E, 3	P	Cased to bottom. Screen from 206 to 241 ft. Supplies oil camp.
K-20	Fain Drilling Co.	do.	1943	347	4	a/5	Apr. 1943	--	--	Screen from 326 to 347 ft. Formerly supplied drilling rig. Caved and abandoned.
*K-21	E. Whitehead	E. Whitehead	1910	18	1½	a/5	1940	C,W	S	Cased to bottom. Sand point from 14 to 18 ft.
K-22	J. C. Means	Andy Frankland	1946	317	4	a/3	Jan. 1946	None	N	Cased to bottom. Screen from 297 to 317 ft. Formerly supplied drilling rig.
K-23	-- Morman	do.	1943	127	2	a/10	Feb. 1944	C,E	D	Cased to bottom. Screen from 117 to 127 ft.
*K-24	Frankland Estate	do.	1937	18	2	--	--	C,W	S	

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*K-25	A. W. Robbins	Andy Frankland	1937	108	2	--	--	C,G	D,S	Cased to bottom. Screen from 104 to 108 ft.
K-26	Humble Oil & Refining Co.	Humble Oil & Refining Co.	1946	9,863	--	--	--	--	--	Oil test. State No. 2-D, section 200. Electrical log on file with the Texas Board of Water Engineers.
K-27	do.	do.	1940	765	4	23.8 24.4 58.4	July 28, 1941 May 15, 1942 Dec. 16, 1948	None	N	Cased to bottom. Screen from 717 to 760 ft. Formerly supplied drilling rig. In Galveston Bay.
K-28	do.	do.	1941	750	4	25.6	July 28, 1941	None	N	Cased to bottom. Screen from 717 to 750 ft. Formerly supplied drilling rig. In Galveston Bay.
*K-29	do.	do.	1942	760	5, 4	--	--	None	N	Cased to bottom. Screen from 728 to 760 ft. Formerly supplied drilling rig. In Galveston Bay.
*K-30	do.	do.	1948	742	4½	--	--	None	N	Cased to bottom. Screen from 684 to 742 ft. Formerly supplied drilling rig. In Galveston Bay. See log.
K-31	do.	do.	1941	571	4	10.2 10.6	July 28, 1941 May 15, 1943	None	N	Cased to bottom. Screen from 538 to 571 ft. Formerly supplied drilling rig.
*K-32	U. S. Dept. of Agriculture	Geo. Abshier	1937	127	2	a/4	1937	C,W	S	Cased to bottom. Formerly supplied dipping vat.
*K-33	Hartfield's Camp	V. R. Phelps	1941	120	2	6.8	May 27, 1941	C,E	D	Cased to bottom. Screen from 112 to 120 ft. Reported pumped at rate of 25 gpm for 2½ hrs when drilled.
*K-34	R. E. Hicks	--	--	26	2	4.1	do.	C,E, ¼	D	
*K-35	E. Whitehead	Geo. Abshier	1938	268	2	a/1	1940	C,W	S	Cased to bottom. Screen from 248 to 268 ft. Reported no sand above 228 ft.
K-36	W. L. Moody	Andy Frankland	1943	397	2	a/+1	July 1943	C,W	S	Cased to bottom. Screen from 381 to 397 ft.
*K-37	do.	Geo. Abshier	1938	292	2	+1.5	July 18, 1941	Flows	S	Cased to bottom. Screen from 272 to 292 ft.
*L-1	Asa Standley	Harry Johnson	1937	19	48	2.7	May 6, 1941	B	D,S	Cased to bottom.
*L-2	E. A. Wilburn	Andy Frankland	1940	325	2½	a/0	1940	C,W	S	Cased to bottom. Sand reported from 310 to 325 ft.
L-3	do.	J. F. Abshier	1931	250	2	a/+	1939	--	--	Screen from 240 to 250 ft. Caved and abandoned.
L-4	Geo. Wilburn	Amos Jennische	1918	367	2	a/+	1918	--	--	Cased to bottom. Screen from 347 to 367 ft. Reported flow 40,000 gpd when drilled. Caved and abandoned. See log.
*L-5	E. A. Wilburn	Andy Frankland	1939	408	2	0.2	May 7, 1941	C,W	D,S	Cased to bottom. Screen from 388 to 408 ft.
L-6	R. Barrow	J. F. Abshier	1926	596	2	a/+	1940	None	N	Cased to bottom. Screen from 581 to 596 ft. Water reported salty. Reported flow 7,000 gpm when drilled. Reported flowed until 1940. See table of water level measurements.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*L-7	Fred Kruger	Fred Kruger	1940	18	1½	--	--	C,H	S	Cased to bottom. Sand point from 15 to 18 ft.
*L-8	R. Barrow	--	--	12	132	1.5	June 27, 1941	C,W	S	Dug. Wooden casing.
*L-9	Guy Jackson	Amos Jennische	1918	420	2	+4.2 -0.9	July 23, 1941 Mar. 16, 1949	None	N	Cased to bottom. Screen from 400 to 420 ft. Reported flow 50,000 gpd when drilled. See log.
L-10	do.	do.	1918	210	2	a/+	Sept. 1918	--	--	Screen from 190 to 210 ft. Caved and abandoned. See log.
*L-11	do.	--	--	250	3	+4.0	Mar. 16, 1949	Flows	S	Cased to bottom. Reported flow 20,000 gpd when drilled.
L-12	do.	--	--	230	2	--	--	--	--	Reported flow 25,000 gpd when drilled. Caved and abandoned.
*L-13	-- Stevenson	--	--	--	2	+2.7	Aug. 23, 1941	Flows	S	Estimated flow 2 gpm.
L-14	Temple Fitzgerald	--	--	140	6	+6 +2.5	Aug. 22, 1941 Mar. 16, 1949	Flows	N	
*L-15	do.	--	--	300	2½	+5.6 6.7	Aug. 22, 1941 Mar. 16, 1949	None	N	
*L-16	R. Barrow	R. J. Thompkins	1926	210	2	a/5	1940	C,W	S	Cased to bottom. Screen from 190 to 210 ft. Reported flow 10,000 gpd when drilled. Reported flowed until 1930.
*L-17	do.	Geo. Abshier	1939	572	2	+3.6	Aug. 21, 1941	Flows	S	Cased to bottom. Screen from 256 to 272 ft. Reported flow 19,000 gpd when drilled. Estimated flow Aug. 1, 1941 10,000 gpd.
L-18	do.	do.	1931	634	2	a/+	1939	--	--	Reported flowed until 1939. Caved and abandoned.
L-19	do.	Amos Jennische	1918	587	2	a/+	1918	C,W	S	Cased to bottom. Screen from 567 to 587 ft. Reported flow 90,000 gpd when drilled. See log.
*L-20	C. Wilburn	--	1938	20	2	--	--	C,W	D,S	Cased to bottom. Screen from 15 to 20 ft.
L-21	do.	Geo. Abshier	1932	100	2	9.8	May 7, 1941	--	--	Cased to bottom. Screen from 80 to 100 ft. Caved and abandoned.
L-22	G. R. Canada	Andy Frankland	1940	200	--	--	--	--	--	Dry hole. No sand reported.
*L-23	do.	Geo. Abshier	1939	565	2	a/0	1939	C,W	S	Cased to bottom. Screen from 545 to 562 ft.
L-24	do.	R. J. Thompkins	--	565	3	5.4	June 27, 1941	C,G, 2	S	Cased to bottom.
*L-25	do.	Geo. Abshier	1939	844	2	a/0	1940	C,W	S	Cased to bottom. Screen from 824 to 844 ft. Abandoned well nearby drilled to same depth reported to have flowed from 1893 to 1938.

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Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
L-26	Gau Estate	Humble Oil & Refining Co.	1936	600	--	a/+	1936	--	--	Formerly supplied drilling rig. Casing pulled, well abandoned.
*L-27	G. R. Canada	The Texas Co.	1939	650	4	4.8	July 18, 1941	C,W	S	Cased to bottom. Reported flow 30,000 gpd when drilled. Flowed until 1939.
*L-28	do.	Geo. Abshier	1939	220	2½	+2.4	Aug. 21, 1941	Flows	S	Cased to bottom. Screen from 200 to 220 ft. Estimated flow 1 gpm Aug. 21, 1941.
L-29	D. L. Broussard	Amos Jennische	1918	572	2	a/+	Aug. 1918	--	--	Cased to bottom. Screen from 552 to 572 ft. Reported flow 50,000 gpd when drilled. Caved and abandoned. See log.
L-30	G. R. Canada	Andy Frankland	1943	223	2	a/+1	Sept. 1943	Flows	S	Cased to bottom. Screen from 213 to 223 ft.
L-31	R. Barrow	do.	1940	240	2	a/0	1940	C,W	S	Cased to bottom. Screen from 220 to 240 ft.
*L-32	Carl Fitzgerald	do.	1948	204	4	a/3	Nov. 1948	C,H	D	Cased to bottom. Supplies hunting camp.
L-33	do.	do.	1948	233	4	a/3 0.4	July 1948 Mar. 16, 1949	C,W	S	Cased to bottom. Screen from 223 to 233 ft.
L-34	Temple Fitzgerald	Amos Jennische	1940	240	2	a/+	Aug. 1940	Flows	S	Cased to bottom. Screen from 225 to 240 ft. Reported flow 35,000 gpd when drilled. Water reported salty.
*L-35	-- Stevenson	--	--	--	-2	+3.6	Aug. 23, 1941	Flows	S	Estimated flow 4 gpm on Aug. 23, 1941.
*L-36	Guy Jackson	-- Broussard	--	250	2	a/+	Sept. 1918	--	--	Screen from 190 to 210 ft. Caved and abandoned. See log.
*L-37	do.	do.	--	720	2½	+2.7	Aug. 22, 1941	Flows	S	Cased to bottom. Estimated flow 3 gpd, Aug. 22, 1941.
*L-38	do.	--	--	245	2	+6.3	Aug. 23, 1941	Flows	S	Estimated flow 4 gpm, Aug. 23, 1941.
*L-39	do.	J. F. Abshier	--	240	8, 3	+1.8	do.	Flows	S	Reported flow 15,800 gpd when drilled. Sand reported from 205 to 245 ft.
L-40	do.	The Texas Co.	--	300	--	--	--	--	--	Reported to have flowed when drilled. Caved and abandoned.
L-41	Temple Fitzgerald	Amos Jennische	1940	260	2	a/+	July 1940	Flows	S	Cased to bottom. Screen from 245 to 260 ft. Reported flow 35,000 gpd when drilled. Water reported salty.
L-42	W. L. Moody	-- Hamilton	1910	500	2	a/+	1941	Flows	S	
L-43	do.	Andy Frankland	1943	292	2	a/+1	July 1943	C,W	S	Cased to bottom. Screen from 282 to 292 ft.
*L-44	U. S. Dept. of Agriculture	Geo. Abshier	1937	230	2	+2.3	July 18, 1941	Flows	S	Estimated flow 2 gpm, July 18, 1941. Formerly supplied dipping vat.
*L-45	G. R. Canada	do.	1931	265	2	+2.1	do.	Flows	S	Cased to bottom. Estimated flow 3 gpm, July 18, 1941.
*L-46	do.	do.	1939	251	2	+1.5	July 3, 1941	Flows	S	Cased to bottom. Estimated flow 3 gpm, July 3, 1941.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
L-47	E. A. Wilburn	Geo. Abshier	--	600	3	+2.4	July 3, 1941	Flows	N	Sand reported from 245 to 265 ft. Reported no sand from 265 to 600 ft.
*L-48	do.	R. J. Thompkins	1931	262	3	+	do.	Flows	S	Cased to bottom. Screen from 242 to 262 ft. Estimated flow 1 gpm, July 3, 1941.
*L-49	do.	Geo. Abshier	1938	280	2	+	do.	Flows	S	Cased to bottom. Screen from 260 to 280 ft. Estimated flow 3/4 gpm, July 3, 1941.
L-50	Guy Jackson	Andy Frankland	1939	223	2	a/+	May 1941	Flows	S	Cased to bottom. Reported flow 13,000 gpd when drilled.
L-51	do.	Pure Oil Co.	--	375	--	a/+	July 1941	Flows	S	
*M-1	F. Jackson	Geo. Abshier	1935	230	2	+2.3	July 8, 1941	C,W	S	Cased to bottom. Screen from 210 to 230 ft.
M-2	R. Barrow	do.	1933	134	2	a/+	1941	Flows	S	Cased to bottom. Screen from 114 to 134 ft. Reported flow 14,000 gpd when drilled.
M-3	do.	Jack white	1917	229	2 1/2	a/+	1941	Flows	S	Cased to bottom. Screen from 209 to 229 ft.
*M-4	do.	J. F. Abshier	1934	540	2	a/+	1934	C,W	S	Cased to bottom. Screen from 530 to 540 ft.
*M-5	F. Jackson	Andy Frankland	1939	240	2	a/+	1939	C,W	S	Cased to bottom. Screen from 220 to 240 ft. Reported flow 15,000 gpd when drilled.
*M-6	Taylor White Estate	--	--	--	--	--	--	C,W	S	
M-7	do.	--	Old	300	2	a/+	1939	--	--	Reported flow 2 gpm in 1939. Plugged and abandoned.
*M-8	do.	--	1935	85	2	a/8	1940	C,W	D	Cased to bottom. Screen from 75 to 85 ft.
*M-9	do.	--	--	156	2	+1.3	July 16, 1941	Flows	S	Estimated flow 1 gpm in 1941.
*M-10	do.	--	Old	--	2	+3.9	Aug. 20, 1941	Flows	N	Sand reported from 209 to 221 ft. Estimated flow 3 gpm, Aug. 20, 1941.
*M-11	A. D. Middleton	--	--	--	2	+	June 23, 1941	Flows	S	Estimated flow 1 gpm, June 23, 1941.
*M-12	Taylor White Estate	Sun Oil Co.	1936	220	3	+	May 20, 1941	Flows	S	Cased to bottom. Estimated flow 1 gpm, May 20, 1941.
*M-13	do.	do.	1936	220	2	+0.9	July 16, 1941	Flows	S	Cased to bottom. Estimated flow 1/2 gpm, July 16, 1941.
M-14	do.	A-1 Water Wells	1948	312	2	a/+1	June 1948	C,W,G, 2	S	Cased to bottom. Water reported salty.
M-15	do.	Jack White	Old	212	1 1/4	1.3	May 20, 1941	None	N	Cased to bottom. Screen from 192 to 212 ft. Reported to have flowed when drilled.

Table 2.- Records of wells in Chambers County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
M-16	Bud Moss Estate	John Gunn	1920	240	2½	a/+	1937	--	--	Cased to bottom. Screen from 236 to 240 ft. Water reported salty. Caved and abandoned.
*M-17	R. Barrow	J. F. Abshier	1925	200	2	a/+	1925	C, W	S	Cased to bottom. Screen from 190 to 200 ft.
M-18	do.	-- Chambliss	1938	233	2	a/+	1939	Flows	N	Cased to bottom. Screen from 213 to 233 ft. Reported flow 8,000 gpd when drilled.
M-19	do.	J. F. Abshier	1934	200	2	a/	July 1941	C, W	S	Cased to bottom. Screen from 190 to 200 ft. Reported to have flowed when drilled.
M-20	do.	do.	--	200	2	a/+	Aug. 1941	Flows	S	

a/ Reported by owner or driller.

Table 3.--Drillers' logs of wells in Chambers County, Texas

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well A-14					
Owner: The Texas Co. Driller: Pitrie Water Wells.					
Mud, medium black -----	2	2	Gumbo, sticky blue -----	23	221
Clay, medium red -----	21	23	Limestone, medium white		
Clay, soft pink sandy -----	9	32	and green, and shale -	106	327
Sand, soft gray -----	32	64	Shale, medium green ----	43	370
Clay, medium red -----	78	142	Limestone, soft gray		
Limestone, medium white and			and sand -----	22	392
green and shale -----	56	198	Sand, soft gray coarse -	45	437
Well A-15					
Owner: Asa Wilburn. Driller: Amos Jennische.					
Soil -----	2	2	Gumbo -----	21	90
Clay -----	58	60	Gumbo and shale -----	46	136
Shale and fine sand -----	9	69	Sand -----	20	156
Well A-16					
Owner: J. T. Wilburn. Driller: Amos Jennische.					
Soil -----	2	2	Gumbo -----	10	249
Clay -----	28	30	Sand, black and water --	10	259
Shale and fine sand -----	5	35	Gumbo -----	101	360
Clay and shale -----	85	120	Shale -----	33	393
Gumbo -----	112	232	Sand -----	27	420
Sand, fine -----	7	239			
Well A-17					
Owner: Sun Oil Co. Driller: Sun Oil Co.					
Clay and sand -----	99	99	Sandy shale -----	30	464
Clay -----	12	111	Sand -----	14	478
Sand and boulders -----	42	153	Gumbo -----	128	606
Gumbo -----	184	337	Sand -----	18	624
Sand and gravel -----	95	432	Gumbo -----	2	626
Rock -----	2	434			

Table 3.--Drillers' logs of wells in Chambers County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well A-18					
Owner: Chambers County Water Control and Improvement District No. 1					
Driller: Layne-Texas Co., Inc.					
Soil -----	5	5	Sand -----	12	136
Clay -----	60	65	Shale -----	20	156
Sand, white coarse -----	22	87	Sand, gray coarse -----	25	181
Clay -----	12	99	Sand, coarse, and traces of gravel -----	35	216
Sand, layers and shale -----	17	116	Shale -----	10	226
Shale -----	8	124			
Well A-19					
Owner: Crumpler Bros. Driller: Homer Wright.					
Soil and clay -----	10	10	Gumbo -----	17	109
Sand -----	9	19	Sand -----	21	130
Clay -----	6	25	Gumbo -----	9	139
Sand -----	10	35	Sand -----	6	145
Sand and clay -----	25	60	Gumbo -----	40	185
Sand -----	16	76	Shale, sandy -----	12	197
Clay, hard -----	6	82	Sand -----	44	241
Sand -----	10	92	Gumbo and sand -----	40	281
Well A-20					
Owner: Crumpler Bros. Driller: Homer Wright.					
Soil and sandy clay -----	30	30	Gumbo -----	10	182
Sand -----	14	44	Sand -----	6	188
Clay -----	8	52	Gumbo -----	3	191
Clay, sandy -----	24	76	Sand, white coarse -----	24	215
Sand -----	14	90	Sand, blue fine and wood	6	221
Gumbo -----	22	112	Gumbo, light blue -----	3	224
Sand -----	17	129	Sand, white coarse -----	12	236
Gumbo -----	33	162	Shale, sticky -----	18	254
Sand -----	10	172			

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well A-21							
Owner: Crumpler Bros. Driller: Homer Wright.							
Sand, soil and clay -----	76	76	Gumbo -----	24	432		
Sand -----	14	90	Shale, sandy -----	34	466		
Clay, sandy -----	93	183	Sand -----	8	474		
Sand -----	7	190	Gumbo -----	9	483		
Gumbo -----	4	194	Sand, coarse -----	25	508		
Sand -----	44	238	Gumbo -----	10	518		
Gumbo -----	10	248	Sand, fine -----	52	570		
Shale, sandy -----	34	282	Sand, coarse -----	30	600		
Sand and boulders -----	58	340	Shale -----	3	603		
Sand, shale and boulders ---	68	408					
Well A-23							
Owner: Crumpler Bros. Driller: Homer Wright.							
Soil and sand -----	20	20	Sand, fine -----	33	237		
Clay -----	20	40	Shale, green -----	4	241		
Shale, sandy -----	138	178	Sand, fine -----	42	283		
Shale, hard -----	26	204	Sand, coarse -----	21	304		
Well A-24							
Owner: Temple Fitzgerald. Driller: Amos Jennische.							
Soil -----	3	3	Gumbo and shale -----	20	80		
Clay -----	3	6	Gumbo -----	120	200		
Quicksand -----	29	35	Shale -----	9	209		
Shale -----	25	60	Sand -----	8	217		
Well A-25							
Owner: Old River Rice Co. Driller: Amos Jennische.							
Soil -----	3	3	Gumbo -----	100	200		
Clay -----	12	15	Shale -----	40	240		
Quicksand -----	5	20	Gumbo -----	103	343		
Clay -----	80	100	Sand -----	30	373		

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well A-26							
Owner: Tillman Fitzgerald. Driller: Amos Jennische.							
Soil -----	3	3	Shale -----	9	204		
Clay -----	17	20	Sand, fine -----	3	207		
Shale -----	50	70	Gumbo and shale -----	48	255		
Gumbo -----	5	75	Gumbo -----	52	307		
Shale and sand -----	10	85	Shale and sand -----	10	317		
Gumbo -----	15	100	Sand -----	83	400		
Shale and gumbo -----	10	110	Gumbo -----	93	493		
Gumbo -----	85	195	Sand -----	17	510		
Well A-27							
Owner: Max Brown. Driller: Amos Jennische.							
Soil -----	2	2	Shale -----	27	172		
Clay -----	18	20	Shale and sand -----	20	192		
Quicksand -----	5	25	Gumbo -----	35	227		
Clay and shale -----	35	60	Gumbo and shale -----	19	246		
Gumbo -----	85	145	Sand -----	32	278		
Well A-28							
Owner: Chambers County Water Control and Improvement District No. 1.							
Driller: Layne-Texas Co., Inc.							
Top soil -----	5	5	Sand and shale streaks -	11	218		
Clay -----	47	52	Shale -----	8	226		
Sand, brown fine -----	9	61	Sand, coarse -----	25	251		
Shale -----	14	75	Shale -----	21	272		
Shale, sandy -----	30	105	Sand, blue -----	11	283		
Shale -----	84	189	Shale -----	6	289		
Sand, white fine -----	18	207	Sand, white coarse -----	51	340		

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
25	135	25	135	25	135
5	165	30	165	5	165
5	195	30	195	5	195
10	230	40	230	10	230
5	240	45	240	5	240
20	260	65	260	20	260
10	285	75	285	10	285
15	310	90	310	15	310
10	323	100	323	10	323
20		120		20	
5		125		5	
25		120		25	
13		120		13	
25		100		25	
25		90		25	
25		75		25	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		20		15	
10		15		10	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
10		40		10	
10		30		10	
5		30		5	
5		30		5	
10		40		10	
10		45		10	
20		65		20	
20		65		20	
10		75		10	
10		75		10	
15		90		15	
15		90		15	
10		100		10	
10		100		10	
20		120		20	
20		120		20	
5		125		5	
25		120		25	
13		120		13	
25		100		25	
25		90		25	
25		75		25	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	
15		90		15	
20		75		20	
20		65		20	
20		65		20	
10		45		10	
35		40		35	
30		30		30	
30		30		30	
10		25		10	
25		25		25	
25		25		25	
15		15		15	
10		10		10	
10		10		10	

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well B-17					
Owner: Stanolind Oil and Gas Co. Driller: Layne-Texas Co., Inc.					
Clay -----	11	11	Clay -----	11	117
Sand -----	43	54	Sand -----	19	136
Clay -----	29	83	Clay -----	4	140
Sand -----	23	106			
Well B-23					
Owner: A. H. Stade. Driller: B & L Water Wells.					
Clay -----	9	9	Sand -----	20	130
Sand -----	25	34	Shale -----	33	163
Shale -----	76	110	Sand -----	15	178
Well B-24					
Owner: Mayes Estate. Driller: Texas Highway Dept.					
Soil, black sandy -----	3	3	Clay, light-blue streaked	10	69
Clay, gray soft sandy -----	4	7	Clay, blue, sandy soft -	1	70
Clay, yellow sticky -----	2	9	Sand, blue, water -----	8	78
Sand, yellow, water -----	14	23	Sand, blue, soft, water	8	86
Sand, water -----	8	31	Sand, blue, water -----	2	88
Clay, brown and gray, sandy with small shells -----	8	39	Clay, blue -----	1	89
Clay, brown and blue -----	2	41	Sand, blue, water -----	31	120
Clay, brown and blue streaked	15	56	Clay, blue -----	7	127
Clay, brown and blue streaked hard -----	2	58	Sand, blue, water -----	7	134
Clay, hard, light-brown streaked -----	1	59	Clay, blue, soft, sandy	1	135
			Sand, blue, water -----	13	148

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well B-25					
Owner: Mayes Estate. Driller: Texas Highway Department.					
Surface, water -----	3	3	Sand, water -----	45	112
Water -----	8	11	Sand -----	2	114
Sand, silt, soft, clay and gumbo -----	19	30	Shell bed -----	1	115
Clay, blue -----	2	32	Sand -----	6	121
Clay, blue and brown, hard sandy -----	6	38	Clay, blue soft -----	5	126
Clay, gray hard -----	9	47	Sand -----	15	141
Clay, brown and blue, hard	1	48	Clay, blue soft -----	1	142
Clay, blue, hard -----	10	58	Sand -----	7	149
Clay, sandy, blue -----	6	64	Clay, blue soft -----	1	150
Clay, blue hard -----	3	67	Sand -----	17	167
			Clay, blue soft -----	6	173
			Sand -----	11	184
Well B-26					
Owner: Mayes Estate. Driller: Texas Highway Department.					
Clay, dark gray, soft silty	9	9	Clay, greenish-blue hard	2	36
Sand, yellow fine, water- bearing -----	17	26	Clay, blue hard sandy --	4	40
Clay, blue hard sandy -----	8	34	Clay, medium gray firm -	3	43
			Sand, fine white -----	38	81
Well B-27					
Owner: Mayes Estate. Driller: Texas Highway Department.					
Clay, dark-gray yellow streaked medium firm -----	4	4	Clay, blue sandy hard --	4	38
Clay, yellow soft sandy ----	4	8	Clay, blue and yellow hard -----	2	40
Clay, yellow plastic sandy -	1	9	Clay, blue hard sandy --	4	44
Quicksand, yellow, water ---	19	28	Clay, blue tan-streaked	4	48
Quicksand, gray fine -----	6	34	Sand, white fine -----	11	59

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well B-28							
Owner: Mayes Estate. Driller: Texas Highway Department.							
Clay, gray soft silty -----	2	2	Sand, gray fine -----	16	43		
Clay, grayish-yellow streaked soft sandy -----	1	4	Clay, blue sandy -----	3	46		
Clay, gray plastic -----	18	22	Clay, gray -----	2	48		
Clay, gray -----	3	25	Clay, blue tan streaked	6	54		
Clay, blue and green streaked sandy -----	2	27	Clay, gray -----	1	55		
			Packsand -----	28	83		
Well B-29							
Owner: Mayes Estate. Driller: Texas Highway Department.							
Clay, dark gray soft silty -	1	1	Clay, blue, yellow streaked tight -----	4	25		
Clay, gray plastic sandy ---	5	6	Clay, blue and yellow sandy -----	5	30		
Clay, grayish-blue streaked	4	10	Quicksand, yellow fine, water -----	16	46		
Clay, dark gray plastic ----	5	15	Clay, light-gray hard --	5	51		
Clay, dark gray -----	3	18					
Sand and clay, blue and tan coarse -----	3	21					
Well B-31							
Owner: Will Icet. Driller: Amos Jennische.							
Soil -----	6	6	Gumbo, sand and shale---	205	350		
Clay -----	124	130	Gumbo -----	129	479		
Sand -----	15	145	Sand -----	13	492		
Well B-32							
Owner: H. C. Icet. Driller: C. A. Williams.							
Clay, red -----	150	150	Gumbo, hard -----	60	280		
Gumbo -----	20	170	Shale, soft -----	25	305		
Sand, fine -----	10	180	Sand, coarse -----	35	340		
Gumbo -----	30	210	Sand, fine -----	30	370		
Sand -----	10	220					

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well C-2							
Owner: Gulf Oil Corp. Driller: Gulf Oil Corp.							
Clay, surface -----	15	15	Sand -----	21	149		
Gumbo -----	37	52	Gumbo -----	25	174		
Sand -----	58	110	Sand -----	22	196		
Gumbo -----	18	128	Gumbo -----	2	198		
Well C-7							
Owner: W. E. Jenkins. Driller: Pitre Water Wells.							
Clay, tough yellow -----	194	194	Shale, gray -----	5	350		
Sand, fine gray -----	10	204	Sand, loose gray -----	23	373		
Shale, blue -----	74	278	Shale, medium -----	25	398		
Sand, fine gray -----	10	288	Sand, soft, dark-gray				
Shale, blue -----	32	320	very fine -----	5	403		
Sand, fine gray -----	5	325					
Well C-11							
Owner: C. A. Fowler. Driller: J. F. Abshier.							
Soil -----	4	4	Sand -----	22	34		
Clay -----	8	12					
Well D-3							
Owner: Sun Oil Co. Driller: A-1 Water Wells.							
Soil, black surface -----	4	4	Shale, sticky -----	42	98		
Clay, yellow -----	18	22	Sand, fine gray -----	27	125		
Sand, yellow -----	3	25	Shale, soft blue -----	15	140		
Shale, yellow -----	25	50	Sand, gray, water -----	35	175		
Sand, fine blue -----	6	56					

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well D-12							
Owner: S. J. Ryan. Driller: Pitre Water Wells.							
Clay, medium -----	20	20	Clay, medium -----	8	156		
Sand, fine -----	29	49	Sand, soft -----	20	176		
Clay, medium -----	64	113	Clay, medium -----	22	198		
Sand, coarse -----	35	148					
Well D-15							
Owner: Lawrence Rowland. Driller: V. R. Phelps.							
Clay -----	40	40	Clay -----	46	106		
Shell, Oyster -----	20	60	Sand -----	74	180		
Well E-2							
Owner: Emery Barrow. Driller: Amos Jennische.							
Soil -----	3	3	Gumbo -----	21	126		
Clay -----	92	95	Sand -----	13	139		
Sand, fine -----	10	105					
Well E-3							
Owner: L. P. and Carl Smith. Driller: Amos Jennische.							
Soil -----	2	2	Sand -----	25	130		
Clay -----	21	23	Shale and gumbo -----	90	220		
Shale and sand -----	10	33	Shale and sand -----	15	235		
Clay -----	37	70	Gumbo -----	87	322		
Shale and gumbo -----	35	105	Sand -----	25	347		

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well E-5							
Owner: K. M. Fitzgerald. Driller: Amos Jennische.							
Soil -----	3	3	Clay -----	7	227		
Clay -----	67	70	Shale and sand -----	101	328		
Shale and fine sand -----	15	85	Sand -----	40	368		
Well E-6							
Owner: Old River Rice Co. Driller: Amos Jennische.							
Clay, jointed -----	60	60	Shale and fine sand -----	10	325		
Shale -----	40	100	Sand -----	30	355		
Gumbo and shale -----	215	315					
Well E-7							
Owner: Sol Donnelly. Driller: Amos Jennische.							
Soil -----	3	3	Gumbo -----	215	310		
Clay -----	67	70	Shale -----	30	340		
Sand -----	25	95					
Well E-15							
Owner: C. O. Williams. Driller: Jim Avera.							
Soil -----	2	2	Sand -----	8	362		
Clay -----	85	87	Shale -----	68	430		
Sand, coarse -----	40	127	Shale, sandy -----	10	440		
Shale -----	204	331	Shale -----	30	470		
Sand -----	15	346	Sand -----	18	488		
Shale -----	8	354					

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well E-16							
Owner: Jack Rosenau. Driller: Jim Avera.							
Clay -----	118	118	Sand, water -----	21	149		
Shale, sandy -----	10	128					
Well E-18							
Owner: Ben Dutton. Driller: Amos Jennische.							
Soil -----	3	3	Shale -----	22	118		
Clay -----	93	96	Sand -----	25	143		
Well E-21							
Owner: Old River Rice Co. Driller: Amos Jennische.							
Soil -----	3	3	Clay, yellow -----	117	140		
Clay -----	10	13	Shale -----	19	159		
Quicksand -----	10	23	Sand -----	20	179		
Well E-28							
Owner: Will Donnely. Driller: Amos Jennische.							
Soil -----	3	3	Gumbo -----	101	321		
Clay -----	97	100	Sand -----	10	331		
Shale and clay -----	60	160	Shale -----	7	338		
Shale and gumbo -----	60	220	Sand -----	17	355		
Well E-33							
Owner: Old River Rice Co. Driller: Amos Jennische.							
Soil -----	3	3	Shale -----	40	260		
Clay, red and yellow -----	177	180	Sand -----	30	290		
Gumbo -----	40	220					

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well E-38							
Owner: Salt Dome Oil Corp. Driller: Homer Wright.							
Clay and sand -----	185	185	Sand -----	25	342		
Sand -----	27	212	Shale -----	58	400		
Shale and sand -----	105	317	Sand -----	75	475		
Well E-39							
Owner: V. A. Lawrence. Driller: L. R. Pitre.							
Clay -----	71	71	Sand, fine, water -----	4	268		
Sand -----	3	74	Sand, coarse, water -----	10	278		
Gravel -----	1	75	Gravel, water -----	6	284		
Clay -----	15	90	Sand, fine water -----	6	290		
Clay, sandy -----	8	98	Clay, blue -----	15	305		
Gravel -----	2	100	Sand -----	10	315		
Clay, sandy -----	14	114	Clay, sandy -----	5	320		
Sand -----	7	121	Sand and gravel -----	19	339		
Clay -----	4	125	Clay -----	9	348		
Sand, fine -----	16	141	Gravel -----	2	350		
Clay -----	7	148	Shale, sandy -----	12	362		
Sand, fine -----	7	155	Sand -----	4	366		
Clay -----	19	174	Clay -----	18	384		
Clay, fine sand with lens of clay -----	31	205	Sand and gravel -----	1	385		
Clay -----	29	234	Clay -----	2	387		
Clay with lens of sand and gravel -----	16	250	Sand, fine -----	3	390		
Sand -----	12	262	Clay, sandy -----	3	393		
Clay -----	2	264	Clay -----	7	400		
			Sand and gravel, water -	43	443		
Well E-40							
Owner: V. A. Lawrence. Driller: Jim Avera.							
Clay -----	125	125	Shale -----	60	230		
Sand -----	29	154	Sand, medium -----	14	244		
Shale, sticky -----	6	160	Shale, sticky -----	18	262		
Shale, sandy -----	10	170	Sand, fine -----	24	286		

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well E-41							
Owner: V. A. Lawrence. Driller: Luther Patterson.							
Surface -----	24	24	Sand -----	44	252		
Shale -----	124	148	Shale -----	133	385		
Sand -----	49	197	Sand, water -----	44	429		
Shale -----	11	208					
Well E-43							
Owner: E. E. Barrow. Driller: Luther Patterson.							
Surface -----	24	24	Shale -----	43	286		
Shale -----	197	221	Sand -----	54	340		
Sand -----	22	243					
Well E-45							
Owner: Irvin Bishop. Driller: Amos Jennische.							
Soil -----	3	3	Sand -----	30	255		
Clay -----	122	125	Gumbo and shale -----	45	300		
Sand and shale -----	5	130	Sand -----	42	342		
Gumbo -----	20	150	Gumbo -----	58	400		
Sand -----	25	175	Sand -----	70	470		
Shale -----	15	190	Gumbo -----	140	610		
Gumbo -----	35	225	Sand -----	24	634		
Well E-55							
Owner: C. Vickers. Driller: Amos Jennische.							
Clay -----	74	74	Gumbo -----	125	325		
Sand -----	29	103	Sand, fine and shale ---	10	335		
Shale -----	37	140	Sand -----	11	346		
Shale and gumbo -----	60	200					

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well E-63							
Owner: J. M. Fisher. Driller: Amos Jennische.							
Soil -----	3	3	Gumbo -----	160	400		
Clay -----	79	82	Shale and gumbo -----	15	415		
Sand -----	8	90	Sand and rocks -----	5	420		
Gumbo -----	21	111	Gumbo -----	55	475		
Shale -----	39	150	Sand -----	33	508		
Shale and soft gumbo -----	90	240					
Well E-64							
Owner: Old River Rice Co. Driller: Amos Jennische.							
Soil -----	3	3	Gumbo -----	25	445		
Clay -----	57	60	Sand -----	12	457		
Shale -----	15	75	Gumbo -----	18	475		
Sand -----	11	86	Shale -----	10	485		
Gumbo and shale -----	324	410	Sand -----	35	520		
Rock and sand -----	10	420					
Well E-65							
Owner: The Texas Co. Driller: Pitre Water Wells.							
Clay, red -----	71	71	Sand, hard -----	47	259		
Sand -----	28	99	Shale, blue -----	61	320		
Shale, blue -----	8	107	Sand, hard -----	7	327		
Sand, hard -----	13	120	Shale -----	5	332		
Shale, blue -----	92	212	Sand -----	66	398		
Well E-67--partial log							
Owner: The Texas Co. Driller: Pitre Water Wells.							
Clay, medium -----	64	64	Shale with coarse sand -	178	398		
Sand, soft -----	44	108	Shale, hard -----	120	518		
Shale, blue, and shell -----	75	183	Sand, hard -----	47	565		
Sand, white fine -----	37	220	Total depth		584		

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well E-68							
Owner: The Texas Co. Driller: Pitre Water Wells.							
Clay, medium red -----	40	40	Shale, medium blue sandy	44	219		
Shale, medium blue -----	25	65	Shale, medium blue -----	32	251		
Shale, medium blue sand ----	15	80	Sand, medium white rough				
Sand, rough white and gravel	28	108	fine -----	22	273		
Shale, blue sticky -----	36	144	Sand, soft white fine --	22	295		
Sand, medium fine blue and			Clay, sticky blue -----	49	344		
shale -----	31	175	Sand, rough white -----	28	372		
Well E-72							
Owner: W. F. Lawrence. Driller: Jim Avera.							
Clay -----	125	125	Shale, fine and sand				
Shale -----	25	150	streaks -----	16	166		
			Sand, fine -----	30	196		
Well E-77							
Owner: Odell Fisher. Driller: Amos Jennische.							
Soil -----	3	3	Sand -----	16	96		
Clay -----	77	80					
Well E-78							
Owner: B. D. Fisher. Driller: Amos Jennische.							
Soil -----	3	3	Sand -----	17	97		
Clay -----	77	80					
Well E-83							
Owner: Asa Wilburn. Driller: Amos Jennische.							
Soil -----	3	3	Sand -----	20	94		
Clay -----	71	74					

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well E-87							
Owner: J. C. Fowler. Driller: Amos Jennische.							
Soil -----	3	3	Quicksand -----	15	45		
Clay -----	12	15	Clay -----	50	95		
Quicksand -----	5	20	Sand -----	10	105		
Clay -----	10	30					
Well E-94							
Owner: -- Brown. Driller: Amos Jennische.							
Soil -----	3	3	Gumbo -----	65	360		
Clay -----	107	110	Shale -----	10	370		
Shale -----	10	120	Sand -----	10	380		
Sand -----	28	148	Sand, fine and shale ---	10	390		
Shale -----	47	195	Sand -----	10	400		
Shale and gumbo -----	100	295					
Well E-98							
Owner: F. A. Farda Estate. Driller: C. A. Williams.							
Clay -----	10	10	Rock -----	3	470		
Sand, yellow -----	20	30	Shale and boulders -----	4	474		
Gumbo -----	170	200	Shale, sandy -----	34	508		
Sand -----	40	240	Shale, hard -----	20	528		
Gumbo -----	40	280	Sand -----	60	588		
Sand and boulders -----	77	357	Shale -----	11	599		
Gumbo and boulders -----	36	393	Gumbo -----	6	605		
Shale and boulders -----	44	437	Sand, hard -----	5	610		
Gumbo, hard and lime -----	13	450	Shale, hard and lime ---	95	705		
Shale -----	13	463	Shale, broken and sand -	25	730		
Sand, hard -----	2	465	Sand -----	25	755		
Shale -----	2	467					

Table 3.--Drillers' logs of wells in Chambers County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well F-2					
Owner: Ernest Winfree. Driller: C. A. Williams.					
Clay -----	32	32	Sand, salty water -----	18	98
Sand, yellow fine -----	3	35	Gumbo -----	277	375
Gumbo -----	45	80	Sand, coarse -----	27	402
Well F-3					
Owner: Ernest Winfree. Driller: Amos Jennische.					
Soil -----	3	3	Rock and boulders -----	8	135
Clay -----	112	115	Gumbo -----	50	185
Sand -----	6	121	Shale -----	19	204
Gumbo -----	6	127	Sand -----	18	222
Well F-10					
Owner: C. T. Joseph Estate. Driller: Jim Avera.					
Soil -----	2	2	Shale -----	62	345
Clay -----	146	148	Sand -----	8	353
Sand -----	12	160	Shale -----	145	498
Shale -----	118	278	Sand -----	14	512
Sand -----	5	283			
Well F-11					
Owner: Hugh Welch. Driller: Jim Avera.					
Clay -----	94	94	Sand, water -----	26	366
Sand, water -----	24	118	Shale, sticky -----	39	405
Shale with sand streaks ----	42	160	Shale, sandy -----	7	412
Shale, sticky -----	110	270	Shale, sticky -----	63	475
Shale, sandy -----	8	278	Sand, water -----	26	501
Shale, sticky -----	62	340			

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well F-12					
Owner: C. T. Joseph Estate. Driller: Amos Jennische.					
Clay -----	98	98	Gumbo -----	70	345
Sand -----	20	118	Sand -----	15	360
Gumbo and shale -----	147	265	Gumbo -----	120	480
Shale, sandy -----	10	275	Sand -----	28	508
Well F-14					
Owner: Mayes Estate. Driller: Texas Highway Department.					
Clay, brownish-yellow and shell -----	1	1	Clay, yellow with white gravel -----	3	17
Clay, yellow soft brown ----	1	2	Clay, gray and yellow --	4	21
Clay, yellow -----	1	3	Clay, yellowish-blue and gray -----	1	22
Clay, yellow and gray and some white gravel -----	1	4	Clay, red, yellow and blue	3	25
Clay, yellow and gray -----	2	6	Clay, yellow red and blue sandy, water-----	1	26
Clay, yellow and gray -----	2	8	Clay, red and gray -----	5	31
Clay, yellow and gray sandy	1	9	Clay, yellow and blue --	10	41
Clay, yellow and gray -----	4	13	Clay, blue and brown ---	5	46
Clay, yellow and gray sandy	1	14			
Well F-15					
Owner: Mayes Estate. Driller: Texas Highway Department.					
Surface, water -----	4	4	Gravel, coarse and sand	4	58
Water -----	2	6	Clay, blue, brown hard sandy -----	2	60
Silt, black sandy -----	18	24	Clay, brown, blue hard -	4	64
Clay, gray plastic -----	3	27	Oyster bed -----	1	65
Clay, dark-gray soft sandy -	2	29	Clay, blue hard sandy --	15	80
Clay, brown sandy -----	2	31			
Sand, coarse, water -----	19	50			
Clay, blue hard sandy with hard white rock -----	4	54			

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well F-16							
Owner: Mayes Estate. Driller: Texas Highway Department.							
Loam, brown soft sandy -----	1	1	Clay, blue soft, some				
Sand, yellowish-brown with			leaf mould -----	3	27		
loam -----	3	4	Clay, blue-gray sandy --	3	30		
Sand, gray, water -----	6	10	Sand, gray, water -----	28	58		
Clay, gray soft sandy -----	14	24	Clay, blue staff -----	5	63		
Well F-18							
Owner: Sun Oil Co. Driller: Sun Oil Co.							
Sand, surface and clay -----	108	108	Shale and sand -----	244	960		
Shale, gravel and sand -----	88	196	Sand and gravel -----	130	1,090		
Shale and gravel -----	420	616	Shale and sand -----	162	1,252		
Shale -----	100	716					
Well F-24							
Owner: Amos Lawrence Estate. Driller: Amos Jennische.							
Soil -----	3	3	Sand, fine -----	25	230		
Shale -----	52	55	Gumbo, soft -----	43	273		
Sand -----	5	60	Gumbo and rock -----	2	275		
Shale -----	10	70	Sand -----	25	300		
Gumbo, soft -----	65	135	Gumbo -----	65	365		
Sand -----	10	145	Sand -----	34	399		
Gumbo -----	60	205					
Well F-31							
Owner: Lone Star Canal Co. Driller: Layne-Texas Co., Inc.							
Clay, sandy -----	3	3	Sand, gray -----	22	110		
Sand, loose -----	28	31	Shale, shell and wood --	32	142		
Clay, yellow -----	19	50	Sand, coarse -----	29	171		
Sand, gray -----	9	59	Shale, blue with sandy				
Clay -----	4	63	streaks -----	36	207		
Sand, gray -----	10	73	Sand, dark-colored salt				
Shale, layers of sandy, and			and pepper -----	42	249		
sand -----	15	88	Shale, blue -----	6	255		

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well F-33					
Owner: G. Chambliss. Driller: L. B. Pitre.					
Clay, gray -----	72	72	Clay, blue sandy -----	10	166
Sand, fine with clay -----	21	93	Clay, blue sandy with		
Sand, fine -----	12	105	fine sand -----	15	181
Clay, dark gray -----	10	115	Sand, fine with clay ---	22	203
Clay, blue -----	25	140			
Clay, blue with fine sand					
and shell -----	16	156			
Well F-44					
Owner: Humble Oil and Refining Co. Driller: Pitre Water Wells.					
Clay, medium -----	72	72	Sand, fine soft -----	13	145
Clay, hard -----	60	132	Clay, hard -----	13	158
Well G-13					
Owner: Humble Oil and Refining Co. Driller: Humble Oil and Refining Co.					
Clay -----	91	91	Clay -----	35	130
Sand and gravel -----	4	95	Sand, water -----	17	147
Well G-17					
Owner: Humble Oil and Refining Co. Driller: Luther Patterson.					
Sand, surface -----	22	22	Sand, water -----	23	48
Clay -----	3	25	Clay -----	3	51
Well G-18					
Owner: Humble Oil and Refining Co. Driller: Luther Patterson.					
Clay -----	22	22	Sand -----	8	59
Sand -----	25	47	Clay -----	4	63
Clay -----	4	51			

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well G-58--partial log							
Owner: Layne & Bowler Co. Driller: Layne & Bowler Co.							
Loam -----	2	2	Sand -----	33	432		
Clay -----	8	10	Gumbo -----	4	436		
Sand -----	24	34	Clay -----	6	442		
Clay -----	10	44	Sand and gravel -----	32	474		
Sand -----	39	83	Clay, blue -----	29	503		
Clay -----	19	102	Shale -----	33	536		
Gumbo -----	48	150	Sand -----	18	554		
Shale, hard -----	19	169	Gumbo -----	26	580		
Shale, soft -----	15	184	Shale -----	19	599		
Shale, hard -----	13	197	Gumbo -----	42	641		
Gumbo -----	7	204	Shale, blue -----	3	644		
Sand -----	46	250	Clay, tough -----	56	700		
Gumbo, blue -----	13	263	Gumbo -----	57	757		
Sand -----	43	306	Shale -----	20	777		
Gumbo, blue -----	23	329	Sand -----	8	785		
Shale, hard -----	9	338	Gumbo -----	15	800		
Shale, soft -----	11	349	Sand -----	12	812		
Sand -----	7	356	"Hard Pan" -----	8	820		
Gumbo -----	13	369	Sand and gravel -----	31	851		
Clay -----	7	376	Gumbo -----	18	869		
Gumbo -----	23	399	Total depth -----		1,050		
Well G-65--partial log							
Owner: John Jackson. Driller: Amos Jennische.							
Soil -----	2	2	Shale -----	25	345		
Clay -----	68	70	Sand and shale -----	20	365		
Shale -----	30	100	Gumbo -----	92	457		
Gumbo and shale -----	175	275	Shale -----	20	477		
Shale and sand -----	20	295	Gumbo -----	148	625		
Gumbo -----	25	320	Total depth -----		669		

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well G-71							
Owner: Bud Moss. Driller: Amos Jennische.							
Soil -----	3	3	Sand -----	5	292		
Clay -----	57	60	Shale -----	15	307		
Sand, fine -----	25	85	Gumbo -----	146	453		
Gumbo -----	202	287	Sand -----	32	485		
Well H-6							
Owner: H. M. Franzen. Driller: V. R. Phelps.							
Clay -----	20	20	Clay -----	40	140		
Sand, blue fine -----	80	100	Sand -----	22	162		
Well H-14							
Owner: W. P. Kunefke. Driller: V. R. Phelps.							
Clay -----	20	20	Clay -----	99	122		
Sand -----	3	23	Sand -----	18	140		
Well H-15							
Owner: McCarthy Oil Co. Driller: B & L Water Wells.							
Clay -----	90	90	Shale -----	96	287		
Sand -----	37	127	Sand -----	25	312		
Shale -----	42	169	Shale -----	82	394		
Sand -----	22	191	Sand -----	19	413		
Well H-39							
Owner: Sawyer Drilling Co. Driller: Pitre Water Wells.							
Clay, medium -----	121	121	Sand, soft -----	13	174		
Sand, fine soft gray -----	14	135	Clay, medium -----	10	184		
Clay, medium blue -----	26	161					

Table 3.--Drillers' logs of wells in Chambers County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-42					
Owner: J. B. Meyers. Driller: V. R. Phelps.					
Clay -----	35	35	Clay -----	150	189
Quicksand -----	4	39	Sand -----	8	197
Well H-51					
Owner: Frost Oil Co. Driller: Pitre Water Wells.					
Clay, medium yellow -----	22	22	Shale, medium -----	58	158
Sand, fine soft -----	17	39	Sand, medium soft -----	17	175
Clay, soft sandy -----	44	83	Sand, coarse and gravel	9	184
Sand, fine soft -----	17	100	Clay, medium -----	11	195
Well H-56					
Owner: Sun Oil Co. Driller: A-1 Water Wells.					
Surface soil -----	3	3	Shale -----	4	93
Clay, yellow -----	23	26	Sand, fine -----	26	119
Shale, gray -----	57	83	Shale -----	76	195
Sand, fine -----	6	89	Sand, water -----	26	221
Well H-60					
Owner: Sun Oil Co. Driller: A-1 Water Wells.					
Surface soil -----	3	3	Shale, blue -----	90	190
Clay, yellow -----	72	75	Sand, medium, water -----	20	210
Shale, blue -----	15	90	Shale, blue -----	3	213
Sand, fine -----	10	100			
Well H-61					
Owner: Prince Drilling Co. Driller: Pitre Water Well.					
Sand -----	18	18	Sand -----	96	156
Shale -----	22	40	Sand, fine -----	24	180
Unknown -----	20	60	Shale -----	6	186

Table 3.--Drillers' logs of wells in Chambers County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-64					
Owner: Sun Oil Co. Driller: A-1 Water Wells.					
Soil, surface black -----	2	2	Sand, fine blue -----	35	65
Clay, yellow -----	16	18	Shale, blue -----	91	156
Sand, fine yellow -----	12	30	Sand, water -----	38	194
Well J-8--partial log					
Owner: Seacrest Park. Driller: Pitre Water Wells.					
Sand -----	18	18	Gumbo, medium blue -----	42	436
Clay -----	7	25	Shale, medium green and		
Sand -----	25	50	sand -----	15	451
Shale -----	17	67	Shale, medium shale and		
Sand -----	63	130	sand -----	13	464
Clay -----	8	138	Shale, medium blue -----	28	492
Sand and shale -----	12	150	Sand, soft gray -----	43	535
Sand, soft green and shale -	80	230	Shale, medium blue -----	19	554
Clay, medium red -----	13	243	Sand, soft gray -----	63	617
Sand, soft gray -----	8	251	Clay, red medium -----	15	632
Shale, medium blue -----	43	294	Sand, fine soft gray,		
Shale, soft green -----	36	330	water -----	68	700
Shale, hard blue, boulders -	53	383	Shale, medium blue -----	3	703
Shale, soft gray -----	11	394	Total depth -----		709
Well J-14					
Owner: Humble Oil and Refining Co. Driller: Humble Oil and Refining Co.					
Sand and shale -----	456	456	Sand -----	74	557
Shale, sandy -----	27	483			
Well J-15--partial log					
Owner: Humble Oil & Refining Co. Driller: Humble Oil and Refining Co.					
Shell and clay -----	160	160	Sand -----	15	616
Sand and clay -----	130	290	Shale -----	29	645
Shale -----	183	473	Gravel -----	18	653
Sand and gravel -----	43	516	Sand -----	47	700
Shale -----	85	601	Total depth -----		708

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well K-13--partial log							
Owner: McCarthy Oil Co. Driller: Pitre Water Wells.							
Sand, soft gray fine -----	33	33	Sand, medium green				
Clay, medium red -----	7	40	and shale -----	22	222		
Clay, medium red and sand --	20	60	Sand, soft gray -----	46	268		
Shale, medium green -----	25	85	Total depth		414		
Sand, soft gray fine -----	115	200					
Well L-4							
Owner: Geo. Wilburn. Driller: Amos Jennische.							
Soil -----	3	3	Shale -----	5	285		
Clay -----	37	40	Sand -----	5	290		
Shell -----	10	50	Gumbo and shale -----	46	336		
Clay -----	30	80	Sand -----	31	367		
Gumbo -----	200	280					
Well L-9							
Owner: Guy Jackson. Driller: Amos Jennische.							
Soil -----	3	3	Sand -----	6	306		
Clay -----	77	80	Shale -----	48	354		
Clay and shale -----	100	180	Sand -----	6	360		
Gumbo -----	40	220	Gumbo -----	15	375		
Shale -----	80	300	Sand -----	45	420		
Well L-10							
Owner: Guy Jackson. Driller: Amos Jennische.							
Soil -----	3	3	Sand -----	20	95		
Clay -----	47	50	Gumbo -----	95	190		
Shale -----	25	75	Sand -----	20	210		

Table 3.--Drillers' logs of wells in Chambers County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well L-19							
Owner: R. Barrow. Driller: Amos Jennische.							
Soil -----	3	3	Shale -----	35	435		
Clay, yellow -----	37	40	Sand, fine -----	30	465		
Gumbo -----	150	190	Gumbo -----	20	485		
Shale -----	10	200	Sand -----	5	490		
Sand -----	20	220	Gumbo -----	55	545		
Shale -----	80	300	Sand -----	42	587		
Gumbo -----	100	400					
Well L-29							
Owner: D. L. Broussard. Driller: Amos Jennische.							
Soil -----	3	3	Sand -----	2	207		
Clay -----	47	50	Shale -----	100	307		
Gumbo and shale -----	80	130	Gumbo -----	18	325		
Sand, fine -----	5	135	Shale and gumbo -----	45	370		
Gumbo -----	35	170	Gumbo -----	185	555		
Shale -----	15	185	Sand -----	17	572		
Gumbo -----	20	205					

Table 4.--Water levels in wells in Chambers County, Texas

Date	Water level	Date	Water level	Date	Water level
Well A-20					
Owner: Crumpler Bros.					
Mar. 31, 1941	50.18	Nov. 3, 1950	77.23	Apr. 13, 1953	83.06
Mar. 1, 1948	66.87	Apr. 19, 1951	76.70	Oct. 16	84.57
Oct. 6	68.21	Oct. 15	79.00	Apr. 15, 1954	85.42
Apr. 27, 1949	67.15	Apr. 10, 1952	80.29		
Nov. 7	71.85	Oct. 10	82.18		
Well B-20					
Owner: Josh Mayes					
July 15, 1941	+6.2	Nov. 1, 1950	7.45	Apr. 8, 1953	11.21
Nov. 18, 1948	4.74	Apr. 20, 1951	8.03	Oct. 15	12.40
Apr. 28, 1949	4.44	Oct. 11	9.11	Apr. 14, 1954	13.30
Nov. 8	5.65	Apr. 11, 1952	9.25		
Apr. 10, 1950	6.48	Oct. 9	10.78		
Well B-33					
Owner: Q. Icet					
Mar. 1, 1949	25.55	Nov. 3, 1950	25.22	Oct. 10, 1952	27.35
Nov. 7	24.93	Apr. 19, 1951	26.22	Oct. 16, 1953	27.13
Apr. 12, 1950	25.04	Oct. 15	26.37		
Well C-13					
Owner: U. S. Department of Agriculture					
Apr. 15, 1941	9.35	Nov. 1, 1950	7.44	Oct. 9, 1952	8.93
Dec. 1, 1948	8.14	Apr. 20, 1951	7.66	Apr. 13, 1953	8.67
Nov. 8, 1949	8.55	Oct. 11	8.47	Oct. 15	9.65
Apr. 10, 1950	6.49	Apr. 11, 1952	8.06	Apr. 14, 1954	9.87

Table 4.--Water levels in wells in Chambers County--Continued

Date	Water level	Date	Water level	Date	Water level
Well D-6					
Owner: Walter Simon					
May 16, 1941	6.03	Nov. 1, 1950	8.91	Apr. 8, 1953	10.18
Mar. 15, 1949	6.85	Apr. 23, 1951	9.05	Apr. 14, 1954	10.97
Nov. 8	5.78	Oct. 11	9.97		
Apr. 10, 1950	8.15	Apr. 11, 1952	10.86		
Well E-13					
Owner: C. D. Harman					
1939	18	Apr. 12, 1950	21.22	Apr. 10, 1952	26.15
Mar. 5, 1941	18.07	Nov. 3	21.90	Oct. 10	22.79
Oct. 27, 1948	19.82	Apr. 19, 1951	20.75	Apr. 13, 1953	23.0 ±
Nov. 7, 1949	19.66	Oct. 15	21.46	Apr. 15, 1954	24.53
Well E-33					
Owner: Old River Rice Co.					
1934	11.0	Apr. 12, 1950	9.07	Oct. 10, 1952	10.31
Apr. 2, 1941	9.51	Nov. 3	9.37	Apr. 13, 1953	9.26
Oct. 22, 1948	9.02	Apr. 19, 1951	10.27	Oct. 16	10.42
Apr. 27, 1949	5.64	Oct. 15	13.59	Apr. 15, 1954	9.14
Nov. 7	12.54	Apr. 10, 1952	11.68		
Well E-38					
Owner: Salt Dome Oil Corp.					
Apr. 19, 1941	43.44	Apr. 12, 1950	61.25	Oct. 15, 1951	67.80
Oct. 5, 1948	58.40	Nov. 3	64.80		
Nov. 3, 1949	60.58	Apr. 19, 1951	65.70		

Table 4.--Water levels in wells in Chambers County--Continued

Date	Water level	Date	Water level	Date	Water level
Well E-44					
Owner: -- Shear					
	1928 21	Apr. 12, 1950	22.17	Oct. 10, 1952	23.92
Mar. 29, 1941	18.91	Nov. 3	22.75	Apr. 13, 1953	24.05
Oct. 5, 1948	21.38	Apr. 19, 1951	22.58	Oct. 16	24.84
Apr. 27, 1949	19.62	Oct. 15	23.00	Apr. 15, 1954	24.33
Nov. 4	21.78	Apr. 10, 1952	25.51		
Well E-52					
Owner: S. R. Williams					
Mar. 1, 1948	47.70	Apr. 12, 1950	47.54	Oct. 10, 1952	52.32
Oct. 6	46.85	Nov. 3	43.24	Apr. 13, 1953	62.23
Apr. 27, 1949	42.40	Apr. 19, 1951	48.76	Oct. 16	65.76
Nov. 4	43.18	Apr. 10, 1952	52.30	Apr. 15, 1954	65.45
Well E-57					
Owner: J. W. Wilburn					
	1931 20.0	Nov. 3, 1950	80.80	Oct. 10, 1952	88.59
Apr. 5, 1941	44.53	Apr. 19, 1951	82.01	Apr. 13, 1953	89.73
Aug. 31, 1950	80.60	Oct. 15	85.37	Apr. 15, 1954	91.53
Well E-83					
Owner: Asa Wilburn					
Apr. 5, 1941	15.88	Apr. 12, 1950	14.67	Oct. 10, 1952	15.68
Mar. 1, 1948	14.50	Nov. 3	14.90	Apr. 13, 1953	17.96
Oct. 6	14.48	Apr. 19, 1951	15.15	Oct. 16	18.49
Apr. 27, 1949	14.43	Oct. 15	15.18	Apr. 15, 1954	16.33
Nov. 7	14.75	Apr. 10, 1952	18.24		

Table 4.--Water levels in wells in Chambers County--Continued

Date	Water level	Date	Water level	Date	Water level
Well F-37					
Owner: G. Chambliss					
July 24, 1941	4.89	Nov. 8, 1949	7.87	Apr. 20, 1951	6.90
Oct. 6, 1948	9.08	Apr. 10, 1950	7.82	Oct. 11	7.84
Apr. 28, 1949	5.92	Nov. 1	8.68	Apr. 11, 1952	4.14
Well G-15					
Owner: U. S. Department of Agriculture					
May 2, 1941	5.44	Nov. 1, 1950	13.24	Oct. 15, 1953	15.83
Dec. 1, 1948	11.81	Apr. 20, 1951	13.46	Apr. 14, 1954	16.07
Nov. 8, 1949	12.09	Oct. 11	13.90		
Apr. 10, 1950	12.60	Apr. 8, 1953	15.16		
Well G-34					
Owner: --Barringer					
May 2, 1941	6.22	Apr. 20, 1951	14.17	Apr. 8, 1953	16.02
Mar. 16, 1949	12.47	Oct. 11	14.74	Oct. 15	16.76
Aug. 31, 1950	13.34	Apr. 11, 1952	14.92	Apr. 14, 1954	16.97
Nov. 1	13.74	Oct. 9	16.06		
Well G-58					
Owner: Layne & Bowler Co.					
Apr. 4, 1941	5.43	Nov. 2, 1950	13.00	Apr. 11, 1952	13.26
Mar. 17, 1949	10.39	Apr. 23, 1951	13.73	Oct. 9	13.88
Aug. 31, 1950	12.71	Oct. 11	14.17	Apr. 13, 1953	13.53

Table 4.--Water levels in wells in Chambers County--Continued

Date	Water level	Date	Water level	Date	Water level
Well G-60					
Owner: U. S. Department of Agriculture					
May 22, 1941	5.54	Nov. 1, 1950	6.06	Oct. 9, 1952	12.38
Dec. 1, 1948	9.45	Apr. 23, 1951	10.89	Apr. 8, 1953	13.17
Nov. 8, 1949	8.81	Oct. 11	10.58	Oct. 15	11.6
Apr. 10, 1950	9.02	Apr. 11, 1952	10.96	Apr. 14, 1954	10.99
Well H-69					
Owner: U. S. Department of Agriculture					
July 16, 1941	+2.92	Nov. 2, 1950	+0.46	Oct. 22, 1953	-0.46
Mar. 15, 1949	+0.49	Apr. 23, 1951	+0.80	Apr. 14, 1954	-0.48
Nov. 9	+0.42	Apr. 11, 1952	+0.70		
Apr. 11, 1950	+0.41	Oct. 9	+0.11		
Well J-2					
Owner: Charles Kilgore					
1939	55	Aug. 31, 1950	102.70	Apr. 10, 1952	108.53
Apr. 9, 1941	59.47	Nov. 3	102.47	Apr. 13, 1953	112.16
Mar. 1, 1948	88.30	Apr. 19, 1951	104.26		
Well J-8					
Owner: Seacrest Park					
Oct. 5, 1948	92.60	Nov. 3, 1950	100.53	Apr. 13, 1953	108.83
Apr. 27, 1949	93.45	Apr. 19, 1951	101.10	Oct. 16	110.1
Nov. 7	97.25	Apr. 10, 1952	105.52	Apr. 15, 1954	109.83
Apr. 12, 1950	97.32	Oct. 10	106.91		

Table 4.--Water levels in wells in Chambers County--Continued

Date	Water level	Date	Water level	Date	Water level
Well J-15					
Owner: Humble Oil & Refining Co.					
Dec. 16, 1948	59.63	May 4, 1951	58.56	Apr. 15, 1953	59.96
Aug. 25, 1950	58.87	May 20, 1952	61.59	Apr. 29, 1954	62.47
Well K-2					
Owner: Humble Oil and Refining Co.					
May 15, 1942	4.40	May 4, 1951	24.74	Apr. 29, 1954	28.77
Dec. 16, 1948	18.15	May 20, 1952	24.95		
Aug. 25, 1950	22.19	Apr. 16, 1953	27.00		
Well K-14					
Owner: Sun Oil Company					
Apr. 1944	18.8	Nov. 2, 1950	6.34	Oct. 9, 1952	6.54
Mar. 17, 1949	4.60	Apr. 23, 1951	6.27	Apr. 8, 1953	5.99
Nov. 9	22.12	Oct. 11	5.72	Oct. 15	6.26
Apr. 11, 1950	7.22	Apr. 11, 1952	6.09	Apr. 14, 1954	6.82
Well L-6					
Owner: R. Barrow					
Mar. 17, 1948	2.84	Apr. 11, 1950	13.94	Apr. 23, 1951	19.65
Nov. 9, 1949	6.12	Nov. 2	18.27	Oct. 11	19.52

Table 5.- Analyses of water from wells in Chambers County, Texas
(Analyses, parts per million except specific conductance, pH, and percent sodium)

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂) (Fe)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (microhmhos at 25°C)	pH
A-1	O. K. Barber	40	Mar. 26, 1941	-	-	74	7.5	25	293	3	19	-	a	-	273	215	-	-	-
A-2	J. R. Barber	35	do.	-	-	64	8.8	107	390	12	68	-	a	-	452	195	-	-	-
A-3	Max Brown	185	Apr. 2, 1941	-	-	4	3.9	186	415	3	56	-	0	-	453	17	-	-	-
A-4	do.	250	Mar. 2, 1941	-	-	11	5.1	10	55	8	12	-	a	-	73	48	-	-	-
A-5	T. Fitzgerald	55	Mar. 10, 1941	-	-	43	3.6	106	378	3	28	-	a	-	370	122	-	-	-
A-6	J. M. Davis	50	do.	-	-	70	8.5	96	397	11	59	-	a	-	440	210	-	-	-
A-7	O. E. Barber	21	Mar. 14, 1941	-	-	173	6.3	69	384	8	180	-	38	-	663	459	-	-	-
A-9	Doyle Green	430	Dec. 13, 1948	25	-	20	8.3	409	356	54	442	-	.5	.58	1,130	84	91	2,070	-
A-10	Jim Green	25	Mar. 14, 1941	-	-	116	10	125	323	33	215	0.4	a	-	658	331	-	-	-
A-11	-- Walker	300	Dec. 13, 1948	7.0	-	13	6.2	318	392	2.1	302	-	.2	.35	854	58	92	1,570	-
A-12	H. B. Rice	125	Mar. 14, 1941	-	-	-	-	-	262	2	215	-	a	-	554	-	-	-	-
A-13	Frank Steadham	60	do.	-	-	81	14	36	378	5	20	-	a	-	342	264	-	-	-
A-15	Asa Wilburn	156	Apr. 9, 1941	-	-	30	10	296	372	4	320	-	a	-	843	116	-	-	-
A-17	Sun Oil Co.	626	Mar. 13, 1941	-	-	52	16	178	439	4	150	2.4	a	-	618	195	-	-	-
A-17	do.	626	Feb. 19, 1953	17	-	11	3.7	309	474	1.8	230	-	.2	-	837	42	-	1,390	-
A-18	Chambers County Water Control & Improvement District No. 1	226	May 3, 1950	18	.13	12	3.2	105	225	2.2	50	.9	0	.47	310	43	80	520	7.5
A-23	Crumpler Bros.	304	Mar. 31, 1941	-	-	12	4.1	318	360	36	260	1.4	a	-	844	47	-	-	-
A-23	do.	304	Apr. 17, 1944	-	-	-	-	-	370	-	291	-	-	-	-	463	-	-	-
A-24	Temple Fitzgerald	217	Apr. 9, 1941	-	-	6.8	5.1	225	451	3	110	-	a	-	572	38	-	-	-
A-26	Tillman Fitzgerald	510	do.	-	-	4.8	5.1	391	506	2	330	-	a	-	982	33	-	-	-
A-28	Chambers County Water Control & Improvement Dist. No. 1	340	Apr. 1950	19	.23	16	4.6	297	429	1.2	237	1.8	.0	.24	803	59	90	1,410	7.8
A-30	J. O. Stockbridge	314	Apr. 1950	-	-	27	2.2	170	390	2	85	1.7	a	-	480	76	-	-	-
A-31	Kirby Petroleum Co.	66	Mar. 26, 1941	-	-	-	-	-	343	15	41	-	a	-	370	-	-	-	-
A-32	Chambers County	18	Mar. 7, 1941	-	-	58	7.3	198	476	3	150	-	a	-	650	175	-	-	-
A-33	O. K. Winfree	59	Mar. 26, 1941	-	-	36	20	178	433	23	128	-	a	-	598	172	-	-	-
A-34	Atlantic Refining Co.	500	do.	-	-	34	7.5	254	451	2	210	-	0	-	730	115	-	-	-
A-36	Jerry Ulrich	36	Mar. 7, 1941	-	-	117	21	351	427	54	520	.7	a	-	1,270	378	-	-	-
B-2	D. T. Dugat	120	Mar. 5, 1941	-	-	50	8.5	219	439	12	185	.8	a	-	691	160	-	-	-
B-3	Bill Dillard	68	do.	-	-	140	22	285	476	86	410	.6	a	-	1,180	439	-	-	-
B-4	Chambers County	32	do.	-	-	102	9.7	120	433	11	134	.9	a	-	591	296	-	-	-
B-5	R. C. Lawrence	47	Mar. 14, 1941	-	-	-	-	-	-	29	122	-	54	-	-	-	-	-	-
B-6	J. O. Franzen Estate	100	do.	-	-	66	11	140	445	2	105	-	a	-	543	211	-	-	-
B-7	J. B. Green	39	do.	-	-	70	11	243	543	29	192	-	5.0	-	817	222	-	-	-
B-10	Mrs. J. C. McManus	25	July 1, 1941	-	-	145	14	138	226	20	362	-	1.2	-	791	418	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
B-11	U.S.Dept. of Agriculture	96	Apr. 1, 1941	-	-	104	10	213	445	2	282	0.3	a	-	830	301	-	-	-
B-12	Elder Sherman	131	June 16, 1941	-	-	171	16	150	439	35	302	-	a	-	890	495	-	-	-
B-13	W. W. Collins	28	Apr. 24, 1941	-	-	23	19	20	61	17	22	-	103	-	234	137	-	-	-
B-14	Chambers County	30	Apr. 25, 1941	-	-	b	7.1	20	61	8	10	0	a	-	75	29	-	-	-
B-15	B. Barnes	155	do.	-	-	71	9.5	406	427	2	530	-	0	-	1,230	216	-	-	-
B-16	Stanolind Oil & Gas Co.	227	Apr. 24, 1941	-	-	34	7.3	5.7	128	2	14	.3	a	-	126	115	-	-	-
B-17	do.	140	do.	-	-	66	3.4	102	275	4	119	0	3.0	-	432	178	-	-	-
B-18	Chambers County	30	do.	-	-	63	3.4	83	287	15	72	0	a	-	377	172	-	-	-
B-20	Josh Mayes	515	do.	-	-	40	18	898	390	2	1,280	.8	a	-	2,430	176	-	-	-
B-21	Mrs. W.A.Beckwith	128	do.	-	-	100	20	596	390	39	900	-	a	-	1,850	333	-	-	-
B-30	Pure Oil Co.	500	Mar. 5, 1941	-	-	4.8	3.6	385	537	2	300	-	a	-	959	27	-	-	-
B-31	Will Icet	492	Apr. 9, 1941	-	-	19	5.1	377	543	2	310	1.7	a	-	982	68	-	-	-
B-32	H. C. Icet	370	Mar. 5, 1941	-	-	13	2.4	218	409	2	124	1.2	a	-	561	42	-	-	-
C-1	Irene Lewis	28	Apr. 30, 1941	-	-	81	9.5	52	354	8	40	-	a	-	365	241	-	-	-
C-2	Gulf Oil Co.	198	Apr. 15, 1941	-	-	30	8.8	196	256	27	210	.4	a	-	598	110	-	--	-
C-3	U. S. Dept. of Agriculture	100	Apr. 30, 1941	-	-	92	7.1	80	397	2	75	-	a	-	451	259	-	-	-
C-4	Ben Weaver	340	do.	-	-	13	.7	40	110	2	22	-	a	-	132	35	-	-	-
C-5	U. S. Dept. of Agriculture	146	do.	-	-	12	7.1	359	31	187	440	.2	a	-	1,020	59	-	-	-
C-6	Pat Boyt	324	May 1, 1941	-	-	26	8.3	341	384	2	370	-	2.0	-	938	100	-	-	-
C-7	W. E. Jenkins	403	Dec. 17, 1948	18	-	15	6.1	298	340	1.6	295	-	.0	-	834	62	91	1,470	-
C-8	A. G. Blanke	16	Apr. 30, 1941	-	-	96	7.1	45	366	4	44	-	a	-	376	269	-	-	-
C-9	U. S. Dept. of Agriculture	34	do.	-	-	8.8	2.2	17	61	2	11	-	a	-	71	31	-	-	-
C-10	E. L. Moor	82	Apr. 15, 1941	-	-	-	-	-	207	12	20	-	a	-	218	-	-	-	-
C-11	C. A. Fowler	34	Apr. 30, 1941	-	-	27	9.5	34	55	1	68	-	48	-	215	106	-	-	-
C-12	Jett Hankamer	68	June 6, 1941	-	-	104	20	126	378	8	210	-	3.0	-	657	343	-	-	-
C-14	J. F. Abshier	183	Apr. 11, 1941	-	-	86	17	198	366	8	290	.1	a	-	779	286	-	-	-
C-15	Jerden Cline	346	Dec. 14, 1948	16	-	57	16	467	364	3.1	652	-	3.8	-	1,390	208	83	2,610	-
C-16	Geo. Abshier	185	June 6, 1941	-	-	51	9.5	269	354	2	325	-	0	-	831	166	-	-	-
C-17	Chambers County	28	do.	-	-	46	16	48	122	7	102	-	41	-	320	180	-	-	-
C-18	do.	165	do.	-	-	37	12	290	354	2	340	.2	1.0	-	856	141	-	-	-
C-19	J. A. Hankamer	94	July 1, 1941	-	-	66	5.4	253	311	146	235	-	a	-	858	188	-	-	-
C-21	-- Morgan	23	Apr. 22, 1941	-	-	13	2.2	31	73	35	8.0	-	a	-	125	41	-	-	-
D-1	F. W. Plummer	527	May 16, 1941	-	-	7.6	4.6	554	220	2	750	.9	a	-	1,430	38	-	-	-
D-2	G. C. Bond	46	do.	-	-	75	11	81	397	8	53	-	a	-	423	232	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂) (Fe)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
D-4	L. L. Fontenot	331	Dec. 14, 1948	14	-	15	4.6	281	392	2.0	242	-	2.0	-	756	56	92	1,350	-
D-5	S. E. McBride	176	Apr. 30, 1941	-	-	-	-	-	244	74	310	-	a	-	790	-	-	-	-
D-7	U. S. Dept. of Agriculture	122	May 1, 1941	-	-	109	25	276	329	408	198	0.4	a	-	1,180	376	-	-	-
D-8	C. A. Moore Estate	14	May 16, 1941	-	-	98	17	48	451	2	34	-	a	-	421	315	-	-	-
D-9	Len Evans	44	June 9, 1941	-	-	10	c	46	122	2	17	.1	a	-	135	26	-	-	-
D-10	U. S. Dept. of Agriculture	156	do.	-	-	-	--	-	390	2	134	-	a	-	532	-	-	-	-
D-13	Len Evans	20	May 1, 1941	-	-	2.8	1.0	38	85	2	16	-	a	-	104	11	-	-	-
D-14	U. S. Dept. of Agriculture	142	do.	-	-	16	20	282	177	124	328	-	a	-	857	123	-	-	-
D-16	O. C. Devillier, Jr.	135	May 16, 1941	-	-	89	19	207	451	194	127	.2	a	-	858	302	-	-	-
E-4	L. P. & Carl Smith	271	Mar. 11, 1941	-	-	52	16	276	476	2	285	-	0	-	865	195	-	-	-
E-5	K. M. Fitzgerald	368	do.	-	-	9.6	6.1	165	415	1	45	1.5	0	-	432	49	-	-	-
E-8	Antone Busch	365	Mar. 27, 1941	-	-	41	5.1	128	317	2	30	.9	.18	-	481	123	-	-	-
E-9	H. G. Kilgore	365	Mar. 4, 1941	-	-	6.4	1.2	132	311	1	35	1.3	a	-	330	21	-	-	-
E-10	R. E. Henderson	22	Mar. 27, 1941	-	-	120	20	118	348	27	230	-	a	-	686	382	-	-	-
E-11	Austin Busch	35	do.	-	-	104	10	60	397	10	68	-	1.0	-	448	301	-	-	-
E-12	Kirby Petroleum Co.	26	Mar. 28, 1941	-	-	112	10	127	397	5	190	-	a	-	639	321	-	-	-
E-13	C. D. Harman	125	Mar. 5, 1941	-	-	76	16	278	427	2	360	-	a	-	942	255	-	-	-
E-15	C. O. Williams	488	do.	-	-	65	11	287	445	1	330	-	a	-	913	207	-	-	-
E-17	K. O. Carmody	150	Mar. 25, 1941	-	-	85	19	300	451	8	400	.4	.8	-	1,030	292	-	-	-
E-18	Ben Dutton	143	Mar. 5, 1941	-	-	40	9.7	304	439	4	310	-	0	-	884	141	-	-	-
E-19	do.	183	Mar. 28, 1941	-	-	59	12	273	445	3	300	-	a	-	866	198	-	-	-
E-20	Texas Progress Co.	175	Apr. 9, 1941	-	-	29	12	278	451	4	250	-	a	-	795	123	-	-	-
E-22	J. C. Donnelly	305	Mar. 27, 1941	-	-	6.4	3.9	158	360	2	56	-	a	-	403	32	-	-	-
E-23	J. H. Williams	348	do.	-	-	6.4	3.9	148	348	2	48	-	a	-	379	32	-	-	-
E-25	C. Airington	340	Apr. 2, 1941	-	-	21	14	274	415	35	230	1.0	a	-	779	108	-	-	-
E-26	Bud Donnelly	48	Mar. 4, 1941	-	-	86	16	187	476	13	200	.8	a	-	736	280	-	-	-
E-27	F. M. Fitzgerald	336	do.	-	-	6.8	3.6	158	342	2	66	-	a	-	404	32	-	-	-
E-29	Alvin Banks	347	Dec. 13, 1948	12	-	4.7	2.0	153	320	5.1	60	-	.8	-	402	20	94	672	-
E-30	S. R. Williams	200	Mar. 6, 1941	-	-	17	9.5	204	427	1	116	-	1.0	-	559	71	-	-	-
E-30	do.	200	Oct. 6, 1948	13	-	14	5.5	223	444	.3	125	-	2.0	-	619	58	89	1,050	-
E-31	G. E. Troxell	292	Mar. 6, 1941	-	-	8.8	3.6	166	403	2	46	-	1.0	-	425	37	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
E-32	J. N. Nelson	282	Apr. 2, 1941	-	-	0.4	2.7	159	366	2	40	-	a	-	384	12	-	-	-
E-33	Old River Rice Co.	290	do.	-	-	10	2.7	158	134	3	190	0.2	a	-	430	37	-	-	-
E-34	Mrs. Philip Howard	18	Mar. 21, 1941	-	-	238	18	65	244	35	375	-	58	-	909	671	-	-	-
E-36	A. B. Lawrence	574	Dec. 13, 1948	12	-	8.4	5.5	316	606	.5	162	-	.0	-	844	44	44	1,410	-
E-37	V. A. Lawrence	556	Mar. 6, 1941	-	-	4.8	2.4	324	567	2	180	2.0	a	-	794	22	-	-	-
E-38	Salt Dome Oil Co.	475	Mar. 21, 1941	-	-	39	5.1	195	372	31	145	-	a	-	598	118	-	-	-
E-38	do.	475	Oct. 5, 1948	12	-	10	3.9	237	380	38	145	-	1.0	-	652	41	93	1,130	-
E-41	V. A. Lawrence	429	Mar. 28, 1941	-	-	66	10	645	317	400	660	-	a	-	1,940	206	-	-	-
E-43	E. E. Barrow	340	do.	-	-	2.0	1.5	213	360	2	124	1.1	a	-	521	11	-	-	-
E-44	-- Shear	240	Mar. 6, 1941	-	-	11	3.6	227	445	2	120	-	a	-	582	42	-	-	-
E-44	do.	240	Oct. 5, 1948	12	-	11	4.4	237	453	2.0	132	-	1.2	-	638	46	92	1,150	-
E-45	Irvin Bishop	634	Mar. 6, 1941	-	-	6.8	3.6	366	665	1	200	-	a	-	904	32	-	-	-
E-46	O. D. Barrow	180	do.	-	-	22	7.3	274	537	2	170	-	a	-	739	85	-	-	-
E-48	E. E. Barrow	140	do.	-	-	43	12	238	512	1	180	-	1.0	-	727	158	-	-	-
E-50	Iva Lee Kirkpatrick	85	Mar. 22, 1941	-	-	42	17	254	311	8	330	-	a	-	804	176	-	-	-
E-51	S. R. Williams	375	Oct. 6, 1948	19	-	48	21	196	245	.2	302	-	5.5	-	733	206	67	1,390	-
E-54	J. W. Frymire	70	Mar. 4, 1941	-	-	120	22	286	470	3	440	-	1.7	-	1,100	389	-	-	-
E-55	C. Vickers	346	do.	-	-	8.8	3.6	138	317	14	44	-	a	-	364	37	-	-	-
E-56	Dick Hayden	22	do.	-	-	125	19	332	421	74	490	-	a	-	1,250	392	-	-	-
E-57	J. W. Wilburn	410	do.	-	-	22	6.1	432	431	183	340	1.4	a	-	1,190	79	-	-	-
E-57	do.	410	Feb. 18, 1952	15	-	26	9.7	432	439	183	350	-	1.5	-	1,230	105	90	2,050	8.2
E-58	E. R. Kilgore	212	Apr. 4, 1941	-	-	37	15	260	482	27	210	-	a	-	786	154	-	-	-
E-59	A. M. Wilburn	18	Mar. 13, 1941	-	-	70	18	345	281	20	480	-	90	-	1,160	251	-	-	-
E-60	Joe Syer	90	Mar. 4, 1941	-	-	136	23	299	476	15	480	.4	2.0	-	1,190	434	-	-	-
E-61	do.	441	Dec. 13, 1948	17	-	37	14	477	404	253	420	-	1.0	-	1,420	150	87	2,380	-
E-65	The Texas Co.	398	do.	12	-	8.9	3.0	187	328	32	98	-	.0	-	509	34	92	870	-
E-69	Collier & Troxell	180	Apr. 9, 1941	-	-	-	-	-	-	8	500	-	a	-	-	-	--	-	-
E-70	Ebb Fisher	198	Mar. 21, 1941	-	-	12	8.8	261	476	3	170	-	a	-	689	65	-	-	-
E-71	Irving Bishop	192	Mar. 6, 1941	-	-	24	6.1	236	494	1	135	-	a	-	645	84	-	-	-
E-72	W. F. Lawrence	196	do.	-	-	21	3.6	245	451	4	160	-	a	-	656	67	-	-	-
E-73	S. Fisher	30	do.	-	-	112	8.5	88	299	35	160	-	a	-	551	315	-	-	-
E-74	--	41	Mar. 27, 1941	-	-	93	23	169	366	10	273	-	a	-	748	329	-	-	-
E-76	Max Brown	110	Apr. 8, 1941	-	-	40	3.9	251	494	3	180	-	a	-	721	117	-	-	-
E-78	B. D. Fisher	97	Mar. 4, 1941	-	-	114	22	218	464	1	330	.5	1.6	-	928	374	-	-	-
E-80	Wilburn Bros.	97	Mar. 6, 1941	-	-	83	21	249	500	2	300	-	a	-	901	293	-	-	-
E-81	M. Fisher	90	Mar. 22, 1941	-	-	72	16	249	488	3	270	-	3.0	-	853	245	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
E-82	Kilgore Estate	100	Mar. 4, 1941	-	-	93	19	262	488	1	340	-	0	-	955	312	-	-	-
E-83	Asa Wilburn	94	Mar. 6, 1941	-	-	101	21	295	470	2	420	-	a	-	1,070	338	-	-	-
E-83	do.	94	Oct. 6, 1948	19	-	91	39	282	462	12	430	-	2.8	0.35	1,100	388	61	2,040	-
E-84	do.	550	Mar. 4, 1941	-	-	22	7.3	374	506	2	340	-	.8	-	995	85	-	-	-
E-86	Theo Wilburn	190	Mar. 22, 1941	-	-	46	11	358	451	41	370	0.6	5.0	-	1,050	162	-	-	-
E-87	J. C. Fowler	105	do.	-	-	87	23	221	305	2	380	-	8.0	-	871	314	-	-	-
E-88	Pat Higgins	-	Mar. 21, 1941	-	-	18	8.8	242	433	7	172	-	a	-	661	80	-	-	-
E-89	O. K. Barber	190	do.	-	-	12	2.7	78	140	13	58	-	a	-	233	42	-	-	-
E-90	Temple Fitzgerald	190	do.	-	-	-	-	-	250	8	100	-	a	-	373	-	-	-	-
E-91	G. C. Conner	15	do.	-	-	119	15	153	451	25	210	-	a	-	744	-	-	-	-
E-92	Mrs. R. J. Thompkins	175	Mar. 6, 1941	-	-	36	8.5	370	421	58	370	-	2.0	-	1,050	125	-	-	-
E-93	C. G. Elliott	604	Dec. 13, 1948	16	1.2	31	12	502	460	286	385	-	.0	-	1,460	127	90	2,440	-
E-95	Mrs. -- Campaux	167	Mar. 21, 1941	-	-	127	41	276	506	5	470	-	3.5	-	1,170	485	-	-	-
E-95	do.	167	Oct. 5, 1948	20	-	128	45	256	518	5.0	462	-	2.8	-	1,180	504	-	-	-
E-96	Optomist Boys' Club	453	Mar. 21, 1941	-	-	6.4	3.9	457	549	23	390	.8	a	-	1,150	32	-	-	-
E-97	J. B. Wilburn Estate	96	Apr. 9, 1941	-	-	-	-	-	445	2	270	-	a	-	790	-	-	-	-
E-98	F. A. Farda Estate	755	Mar. 21, 1941	-	-	20	7.5	461	555	128	350	-	a	-	1,240	80	-	-	-
E-101	John Beazley	100	Mar. 20, 1941	-	-	104	26	284	488	3	410	-	3.5	-	1,070	366	-	-	-
E-103	Chas. Kilgore	90	Apr. 9, 1941	-	-	116	33	283	476	3	460	-	a	-	1,130	426	-	-	-
E-104	Mrs. L. L. Terrell	429	Mar. 13, 1941	-	-	17	6.3	352	451	2	325	1.3	a	-	925	69	-	-	-
E-105	Whitie Algram	82	do.	-	-	188	52	370	415	2	810	-	2.5	-	1,630	682	-	-	-
E-106	Atlantic Pipe Line Co.	638	do.	-	-	16	7.3	458	476	2	475	1.2	a	-	1,190	70	-	-	-
E-107	W. H. Fisher	93	do.	-	-	228	66	510	458	2	1,120	-	a	-	2,150	841	-	-	-
F-1	Luther J. Oman	120	Mar. 5, 1941	-	-	58	16	305	427	2	370	-	a	-	961	210	-	-	-
F-4	J. B. Wilburn Estate	29	Mar. 25, 1941	-	-	42	8.8	125	427	8	34	-	4.0	-	433	140	-	-	-
F-5	C. J. Wilburn	294	Dec. 13, 1948	13	-	19	7.4	343	466	65	265	-	.8	-	990	78	91	1,680	-
F-6	do.	37	Mar. 25, 1941	-	-	59	12	14	183	18	42	-	a	-	235	198	-	-	-
F-7	R. F. McKay	100	do.	-	-	72	16	310	464	2	380	-	a	-	1,010	245	-	-	-
F-8	Arnold McKay	220	Dec. 13, 1948	12	-	27	9.8	381	452	71	348	-	1.5	-	1,070	108	88	1,920	-
F-9	W. B. McKay	126	Mar. 25, 1941	-	-	84	17	270	488	2	330	-	.5	-	994	281	-	-	-
F-10	C. T. Joseph Estate	512	Apr. 9, 1941	-	-	4.4	3.9	350	580	3	220	-	a	-	866	27	-	-	-
F-11	Hugh Welch	501	do.	-	-	4.4	3.9	369	555	2	260	2.1	a	-	914	27	-	-	-
F-13	W. M. Joseph	125	Mar. 5, 1941	-	-	87	21	222	366	20	330	-	a	-	860	303	-	-	-
F-13	do.	125	May 8, 1944	-	-	-	-	-	402	-	334	-	-	-	d224	-	-	-	-
F-17	U.S. Dept. of Agriculture	118	July 1, 1941	-	-	24	11	322	49	6	540	.2	a	-	927	107	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
F-20	H. W. Wilcox	90	July 15, 1941	-	-	36	3.9	389	348	4	470	-	a	-	1,070	107	-	-	-
F-24	Amos Lawrence Estate	399	Apr. 16, 1941	-	-	48	7.1	326	512	2	308	0.6	a	-	944	149	-	-	-
F-26	Anahuac City Cemetery	100	Apr. 22, 1941	-	-	126	7.1	161	397	10	255	0	a	-	754	344	-	-	-
F-27	J. C. Storms	103	do.	-	-	37	11	150	360	13	110	0	a	-	498	137	-	-	-
F-30	Fred Schultz	420	Dec. 14, 1948	16	-	23	11	650	536	6	762	-	0.0	-	1,730	102	93	3,170	-
F-32	Wilcox Estate	840	Apr. 11, 1941	-	-	32	11	991	567	2	1,290	.9	a	-	2,600	127	-	-	-
F-35	G. Chambliss	95	July 24, 1941	-	-	64	17	134	445	8	106	-	a	-	548	231	-	-	-
F-36	do.	108	Dec. 12, 1948	17	-	42	18	107	288	15	112	-	1.2	-	471	179	56	805	-
F-39	J. O. Nelson	110	May 6, 1941	-	-	-	-	-	445	25	84	-	a	-	532	-	-	-	-
F-40	G. W. Scott	110	do.	-	-	37	9.5	200	488	14	106	.4	a	-	607	131	-	-	-
F-41	H. Faring	105	May 8, 1941	-	-	-	-	-	488	117	645	-	a	-	1,570	-	-	-	-
F-42	U. S. Dept. of Agriculture	119	May 6, 1941	-	-	68	14	164	433	6	160	-	a	-	625	229	-	-	-
F-43	E. W. Sykes	138	May 8, 1941	-	-	53	26	589	537	2	765	-	a	-	1,700	241	-	-	-
F-45	Mrs. A. L. Scherer	22	May 6, 1941	-	-	-	-	-	317	27	212	-	a	-	630	-	-	-	-
F-46	do.	315	Dec. 14, 1948	16	-	33	13	522	478	1.6	622	-	.2	-	1,440	136	89	2,660	-
F-47	U. S. Dept. of Agriculture	100	May 6, 1941	-	-	48	4.6	74	275	1	51	-	a	-	314	138	-	-	-
F-48	Kocijan Bros.	25	June 25, 1941	-	-	63	7.8	121	67	115	196	-	.5	-	536	190	-	-	-
F-50	C. O. Crone	115	May 6, 1941	-	-	110	45	467	390	362	550	-	a	-	1,730	457	-	-	-
F-52	U. S. Dept. of Agriculture	33	do.	-	-	134	20	285	372	121	430	0	a	-	1,170	418	-	-	-
F-53	J. W. Kocijan	18	do.	-	-	176	55	553	85	218	1,120	-	2.0	-	2,160	669	-	-	-
G-2	S. Roy White	82	May 15, 1941	-	-	34	5.8	31	146	8	34	-	a	-	185	109	-	-	-
G-4	Taylor White Estate	240	June 5, 1935	-	-	54	32	582	427	0	840	-	-	-	1,590	267	-	-	-
G-4	do.	240	May 15, 1941	-	-	70	19	599	427	2	852	-	a	-	1,750	252	-	-	-
G-6	U. S. Dept. of Agriculture	154	July 1, 1941	-	-	32	7.5	501	61	35	790	.2	a	-	1,400	110	-	-	-
G-10	Continental Oil Co.	250	Dec. 14, 1948	15	4.0	77	31	682	390	2.5	1,050	-	.5	-	2,050	320	82	3,830	-
G-11	B. E. Quinn	16	June 5, 1941	-	-	24	4.6	42	134	2	40	-	a	-	179	78	-	-	-
G-13	Humble Oil & Refining Co.	147	Apr. 15, 1941	-	-	50	20	494	354	45	670	-	a	-	1,450	207	-	-	-
G-15	U. S. Dept. of Agriculture	445	May 2, 1941	-	-	18	5.8	15	79	2	25	.3	a	-	105	69	-	-	-
G-16	Humble Oil & Refining Co.	15	June 4, 1941	-	-	88	27	100	439	73	80	-	a	-	584	332	-	-	-
G-18	do.	63	Apr. 15, 1941	-	-	44	1.5	47	201	3	32	-	6.0	-	253	116	-	-	-
G-20	Taylor White Estate	220	June 4, 1941	-	-	35	3.4	114	372	27	12	-	a	-	374	102	-	-	-
G-21	do.	84	do.	-	-	55	2.2	546	31	31	905	.3	a	-	1,550	146	-	-	-
G-25	E. W. Brown	115	Apr. 24, 1941	-	-	100	17	413	458	47	560	0	5.0	-	1,370	320	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
G-26	-- Helgemier	102	Apr. 24, 1941	-	-	129	1.0	535	397	35	800	-	0	-	1,700	326	-	-	-
G-27	U. S. Dept. of Agriculture	101	May 15, 1941	-	-	59	9.5	245	55	4	475	-	a	-	820	186	-	-	-
G-28	Ezra Sherman	100	Apr. 22, 1941	-	-	-	-	-	543	31	202	-	a	-	805	-	-	-	-
G-29	Ox Herman	345	Dec. 14, 1948	16	-	54	17	824	404	2	1,180	-	2.5	-	2,290	205	90	4,200	-
G-30	J. J. Boudreaux	440	do.	16	-	38	16	766	562	7.0	985	-	.2	-	2,090	161	91	3,810	-
G-31	Bell Tourist Court	38	Apr. 25, 1941	-	-	160	20	192	238	109	420	0	a	-	1,020	483	-	-	-
G-34	E. D. Barringer	350	May 2, 1941	-	-	70	22	902	354	1	1,370	.6	a	-	2,540	263	-	-	-
G-34	do.	350	Mar. 16, 1949	15	-	70	31	897	384	2.4	1,370	-	3.5	-	2,580	302	87	4,770	7.5
G-35	Bob Bosque	20	June 25, 1941	-	-	227	42	343	543	403	440	.8	0	-	1,720	741	-	-	-
G-36	O. White	345	May 2, 1941	-	-	45	12	757	561	2	955	-	a	-	2,050	162	-	-	-
G-37	W. Stockwell	347	do.	-	-	42	21	808	586	2	1,040	-	a	-	2,200	193	-	-	-
G-38	Walter Stockwell	325	Feb. 28, 1949	16	-	48	20	774	526	1.2	1,030	.0	.0	-	2,150	202	89	3,880	-
G-39	U. S. Dept. of Agriculture	357	May 2, 1941	-	-	26	13	730	256	2	1,060	.2	a	-	1,960	118	-	-	-
G-40	A. D. Middleton	340	do.	-	-	21	19	922	214	1	1,390	-	a	-	2,460	132	-	-	-
G-42	Humble Pipe Line Co.	40	June 4, 1941	-	-	17	3.4	41	85	31	32	-	a	-	166	57	-	-	-
G-44	A. D. Middleton	540	July 2, 1941	-	-	27	11	797	543	3	990	-	2.0	-	2,100	112	-	-	-
G-45	--	25	Apr. 1, 1941	-	-	211	22	73	287	13	355	-	35	-	850	619	-	-	-
G-46	Roy Turner	340	Dec. 17, 1948	16	-	32	18	666	572	1.6	802	-	.2	-	1,820	154	90	3,310	-
G-48	M. K. Smith	14	Apr. 11, 1941	-	-	107	14	73	348	39	94	-	30	-	531	323	-	-	-
G-49	Teresa Beverly	11	June 3, 1941	-	-	22	4.6	67	159	10	56	-	a	-	238	73	-	-	-
G-51	--	30	do.	-	-	152	23	117	403	27	262	-	a	-	779	474	-	-	-
G-53	Leroy Edmonds	485	Dec. 16, 1948	24	-	122	27	126	477	18	198	-	.0	0.25	755	416	40	1,340	-
G-54	W. J. Stines	22	June 25, 1941	-	-	84	19	59	317	46	67	.8	14	-	446	287	-	-	-
G-55	Mrs. A. T. Eddigston	115	May 6, 1941	-	-	67	9.5	96	317	35	84	-	a	-	448	206	-	-	-
G-56	P. E. Jackson	14	June 25, 1941	-	-	111	15	173	384	18	268	-	3.0	-	777	339	-	-	-
G-57	U. S. Dept. of Agriculture	114	June 3, 1941	-	-	69	34	561	573	77	695	-	a	-	1,720	311	-	-	-
G-58	Layne & Bowler Co.	1,050	Apr. 11, 1941	-	-	37	6.3	561	543	17	620	.4	a	-	1,510	119	-	-	-
G-59	U. S. Dept. of Agriculture	283	May 22, 1941	-	-	8.0	5.8	1,072	140	2	1,600	-	a	-	2,760	44	-	-	-
G-60	do.	184	do.	-	-	56	16	569	641	2	648	-	a	-	1,610	205	-	-	-
G-62	--	17	do.	-	-	254	46	193	329	494	324	-	0	-	1,470	823	-	-	-
G-63	J. E. Broussard	24	do.	-	-	386	108	557	268	1,680	460	0	0	-	3,320	1,410	-	-	-
G-64	F. Jackson	455	Aug. 21, 1941	-	-	50	16	1,070	506	46	1,450	.6	0	-	2,880	190	-	-	-
G-67	do.	460	May 12, 1941	-	-	b	13	865	506	3	1,080	-	a	-	2,210	54	-	-	-
G-68	do.	18	do.	-	-	-	-	-	378	2	30	-	a	-	366	-	-	-	-
G-69	do.	17	do.	-	-	70	8.3	79	397	6	36	-	a	-	394	210	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
G-70	Bud Moss	87	June 24, 1941	-	-	86	30	495	555	27	660	-	0	-	1,570	338	-	-	-
G-72	U. S. Dept. of Agriculture	160	July 17, 1941	-	-	6.8	12	455	299	2	575	-	a	-	1,200	68	-	-	-
G-73	--	260	May 12, 1941	-	-	42	22	813	738	1	960	-	a	-	2,200	193	-	-	-
G-74	Guy Jackson	13	June 24, 1941	-	-	42	10	168	189	15	240	0.3	2.5	-	571	146	-	-	-
G-77	Andy Frankland	28	Dec. 2, 1948	28	-	32	3.5	20	117	1.4	29	-	.0	-	176	94	32	282	-
G-78	J. C. Jackson	21	May 7, 1941	-	-	24	8.3	21	128	3	23	-	a	-	142	95	-	-	-
G-79	Martha Johnson	30	do.	-	-	19	2.2	23	85	23	8.0	-	a	-	117	56	-	-	-
G-80	F. Jackson	660	May 6, 1941	-	-	23	3.4	672	537	194	630	.8	a	-	1,790	72	-	-	-
G-81	Mays White	20	May 7, 1941	-	-	-	-	-	378	31	117	-	a	-	537	-	-	-	-
G-83	Ocie Jackson	525	Dec. 16, 1948	14	-	29	30	692	488	105	842	0	30	-	1,960	196	88	3,530	-
G-84	Arthur Jackson	640	May 6, 1941	-	-	77	12	144	238	31	232	.2	a	-	613	242	-	-	-
G-85	H. Haynes	480	do.	-	-	20	8.3	632	409	2	795	-	2.0	-	1,660	85	-	-	-
G-86	do.	507	Dec. 16, 1948	17	-	30	12	696	474	2.0	880	-	7.0	-	1,880	124	92	3,410	-
H-1	U. S. Dept. of Agriculture	164	May 1, 1941	-	-	5.2	3.4	352	348	15	350	-	a	-	897	27	-	-	-
H-3	E. C. Devillier	12	do.	-	-	-	-	-	305	12	35	-	a	-	322	-	-	-	-
H-4	F. Dugat	150	do.	-	-	28	13	87	311	1	40	-	a	-	322	124	-	-	-
H-5	U. S. Dept. of Agriculture	144	June 9, 1941	-	-	42	8.3	37	226	2	24	-	a	-	224	140	-	-	-
H-6	H. M. Franzen	162	do.	-	-	24	4.6	243	500	2	136	.1	2.0	-	658	78	-	-	-
H-9	D. W. Syphrett	140	do.	-	-	13	11	295	525	2	203	-	a	-	782	77	-	-	-
H-10	H. M. Franzen	165	May 1, 1941	-	-	9.2	10	256	512	3	142	-	a	-	672	66	-	-	-
H-11	P. Broussard	144	June 9, 1941	-	-	31	3.4	248	525	2	141	-	0	-	683	92	-	-	-
H-12	V. R. Phelps	146	Dec. 1, 1948	16	-	27	5.9	201	380	2.0	152	-	1.0	-	609	92	83	1,060	-
H-14	W. P. Kuefke	140	June 9, 1941	-	-	-	-	-	427	2	142	-	a	-	575	-	-	-	-
H-16	Chambers County	185	May 14, 1941	-	-	39	12	303	659	18	174	.4	a	-	870	147	-	-	-
H-17	Eddie Rudd	227	June 10, 1941	-	-	18	8.3	411	567	2	358	-	a	-	1,080	78	-	-	-
H-18	U. S. Dept. of Agriculture	46	May 1, 1941	-	-	6.4	6.8	10	31	3	37	-	a	-	68	44	-	-	-
H-21	do.	257	June 5, 1941	-	-	4.8	2.2	25	55	4	19	-	a	-	82	21	-	-	-
H-22	-- Starrett	240	do.	-	-	39	10	332	537	27	280	-	a	-	952	141	-	-	-
H-24	H. B. Haynes	325	May 13, 1941	-	-	50	14	322	580	70	235	-	a	-	976	184	-	-	-
H-25	Garth Bros.	50	do.	-	-	-	-	-	427	183	130	-	a	-	813	-	-	-	-
H-26	U. S. Dept. of Agriculture	37	do.	-	-	54	13	38	226	31	38	-	a	-	285	188	-	-	-
H-27	H. P. Draught & Co.	23	May 14, 1941	-	-	83	19	157	567	12	107	-	a	-	657	287	-	-	-
H-28	--	340	do.	-	-	56	13	535	500	2	670	-	a	-	1,520	193	-	-	-
H-30	J. C. White	158	do.	-	-	26	13	365	653	2	266	-	a	-	993	118	-	-	-
H-32	Mrs. R. M. White	184	do.	-	-	45	11	451	714	2	390	-	a	-	1,250	157	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dis-solved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
H-34	J. T. White	170	May 14, 1941	-	-	29	11	333	677	31	179	-	a	-	916	117	-	-	-
H-36	U. S. Dept. of Agriculture	150	do.	-	-	16	5.8	296	555	17	167	-	a	-	775	64	-	-	-
H-40	P. J. Gaspard	219	Dec. 14, 1948	20	-	44	7.8	552	600	1.0	602	-	0.5	-	1,500	142	89	2,790	-
H-41	-- Gelans	153	May 14, 1941	-	-	31	12	398	744	2	270	-	a	-	1,080	127	-	-	-
H-42	J. B. Meyers	197	July 2, 1941	-	-	52	17	523	616	2	590	-	a	-	1,490	201	-	-	-
H-43	U. S. Dept. of Agriculture	184	May 14, 1941	-	-	38	13	466	708	2	410	-	a	-	1,280	148	-	-	-
H-45	--	86	May 23, 1941	-	-	125	35	219	494	268	176	-	a	-	1,070	456	-	-	-
H-46	Chambers County	39	June 5, 1941	-	-	-	-	-	43	27	13	-	0	-	94	-	-	-	-
H-47	U. S. Dept. of Agriculture	42	May 23, 1941	-	-	14	5.8	30	85	21	23	-	a	-	136	59	-	-	-
H-48	Bon Mahuel	417	Dec. 14, 1948	16	-	43	17	460	506	1.0	538	-	2.2	-	1,330	178	85	2,430	-
H-49	Brown Estate	176	May 22, 1941	-	-	12	7.1	246	256	8	266	-	a	-	665	59	-	-	-
H-50	D. A. Bennett	165	July 23, 1941	-	-	60	18	581	610	2	700	0.1	0	-	1,660	226	-	-	-
H-52	O. H. Acom	197	May 23, 1941	-	-	48	14	513	604	2	565	-	a	-	1,440	179	-	-	-
H-53	do.	12	do.	-	-	79	9.5	52	214	89	57	-	a	-	392	236	-	-	-
H-54	do.	26	do.	-	-	74	13	40	336	3	33	-	a	-	328	238	-	-	-
H-57	F. Jackson	176	May 22, 1941	-	-	2.0	5.6	691	140	2	1,000	-	a	-	1,770	28	-	-	-
H-58	Broussard & Hebert	211	do.	-	-	52	36	933	604	2	1,280	-	a	-	2,600	277	-	-	-
H-59	do.	14	do.	-	-	-	-	-	305	8	54	-	a	-	346	-	-	-	-
H-62	Chambers County	16	May 23, 1941	-	-	83	26	190	451	21	239	-	a	-	786	316	-	-	-
H-65	O. H. Acom	221	do.	-	-	61	18	529	653	2	595	.2	a	-	1,530	226	-	-	-
H-67	Hebert Trust Co.	91	do.	-	-	157	58	529	445	93	935	0	a	-	1,990	631	-	-	-
H-69	U. S. Dept. of Agriculture	190	May 20, 1951	-	-	48	14	690	610	2	835	-	a	-	1,890	179	-	-	-
H-70	Taylor White Estate	28	do.	-	-	-	-	-	397	8	102	-	a	-	496	-	-	-	-
H-73	R. Barrow	16	do.	-	-	90	13	92	415	3	95	-	a	-	497	278	-	-	-
H-75	do.	234	June 23, 1941	-	-	57	24	1,440	506	4	2,090	-	0	-	3,860	240	-	-	-
H-76	do.	208	May 20, 1941	-	-	48	17	702	616	4	852	-	5.4	-	1,930	190	-	-	-
H-77	F. Jackson	224	July 8, 1941	-	-	12	27	923	366	2	1,270	-	0	-	2,410	87	-	-	-
H-78	Courtney Marshall	21	May 14, 1941	-	-	134	14	63	415	12	127	-	a	-	554	394	-	-	-
J-1	Chas. Kilgore	11	Mar. 28, 1941	-	-	80	28	287	397	3	435	-	1.0	-	1,030	318	-	-	-
J-2	do.	550	Mar. 13, 1941	-	-	12	3.9	365	464	2	325	-	a	-	936	47	-	-	-
J-2	do.	550	Oct. 6, 1948	16	-	12	5.2	365	456	2.0	332	-	2.2	-	961	52	94	1,700	-
J-2	do.	550	Feb. 18, 1953	18	-	12	5.2	365	465	.5	328	-	1.0	-	991	52	94	1,680	-
J-4	Houston YMCA	630	Mar. 13, 1941	-	-	8.8	5.1	397	470	3	365	1.2	a	-	1,010	43	-	-	-
J-5	-- Ledbetter	630	Mar. 20, 1941	-	-	15	5.1	367	458	2	340	-	a	-	954	58	-	-	-
J-6	Camp Allen	600	Apr. 2, 1941	-	-	9.2	6.3	342	531	2	250	1.4	a	-	872	49	-	-	-
J-7	do.	685	Dec. 13, 1948	14	-	9.8	6.6	365	502	4.0	305	-	.2	-	954	52	94	1,720	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
J-8	Seacrest Park	709	Oct. 5, 1948	14	-	12	5.4	337	508	23	242	-	3.2	-	918	52	93	1,580	-
J-8	do.	709	Feb. 18, 1953	16	-	11	5.8	340	513	24	245	-	.5	-	922	52	93	1,510	-
J-9	Paul B. Miller	100	Mar. 13, 1941	-	-	178	44	256	445	8	575	-	0	-	1,280	627	-	-	-
J-10	R. A. Wolfe	600	Mar. 20, 1941	-	-	20	8.8	412	537	101	305	1.6	1.0	-	1,110	85	-	-	-
K-2	Humble Oil & Refining Co.	597	May 15, 1942	-	-	-	-	-	100	77	393	-	1.2	-	853	186	-	-	-
K-4	--	110	May 6, 1941	-	-	21	11	58	189	31	25	-	a	-	243	97	-	-	-
K-5	Brown & Root	400	Dec. 14, 1948	19	-	22	9.6	487	440	41	530	-	4.0	-	1,330	94	92	2,390	-
K-6	Dess White	546	Dec. 17, 1948	17	-	45	19	734	454	3.5	1,000	-	.8	-	2,040	190	89	3,840	-
K-7	E. A. Wilburn	514	Aug. 22, 1941	-	-	47	14	736	476	2	980	-	0	-	2,010	173	-	-	-
K-8	do.	330	do.	-	-	-	-	-	580	2	680	-	a	-	1,540	-	-	-	-
K-9	Henry Gau	216	July 15, 1941	-	-	18	10	679	683	2	710	-	a	-	1,750	86	-	-	-
K-10	L. J. Harding	30	May 7, 1941	-	-	61	18	203	305	27	275	-	a	-	734	226	-	-	-
K-11	Henry Gau	685	--	-	-	56	18	920	464	2	1,300	-	a	-	2,520	216	-	-	-
K-12	W. J. Hawkins	25	May 17, 1941	-	-	16	7.1	521	134	20	760	-	a	-	1,390	69	-	-	-
K-13	McCarthy Oil Co.	214	Dec. 17, 1948	16	0.91	34	21	550	632	1.6	622	-	a	-	1,560	172	87	2,860	-
K-15	G. R. Canada	210	Aug. 22, 1941	-	-	61	15	577	714	2	625	-	a	-	1,630	214	-	-	-
K-16	U. S. Dept. of Agriculture	527	May 7, 1941	-	-	7.6	4.6	720	519	1	835	.3	a	-	1,820	38	-	-	-
K-17	Dess White	300	July 3, 1941	-	-	26	8.8	602	598	2	650	-	a	-	1,580	100	-	-	-
K-18	Ocie Jackson	735	Dec. 17, 1948	29	-	80	79	823	446	.5	1,380	-	3.0	-	2,610	524	77	4,850	-
K-19	Humble Oil & Refining Co.	241	do.	15	-	23	13	470	672	5.2	408	-	1.0	-	1,260	111	90	2,240	-
K-21	E. Whitehead	18	May 27, 1941	-	-	31	3.4	55	43	20	110	-	a	-	240	92	-	-	-
K-24	Frankland Estate	18	do.	-	-	6	5.8	52	18	20	81	-	1.5	-	175	39	-	-	-
K-25	A. W. Robbins	108	do.	-	-	110	29	375	378	2	635	-	1.0	-	1,340	303	-	-	-
K-29	Humble Oil & Refining Co.	760	May 15, 1942	-	-	9.2	3.1	277	489	2	166	-	1.5	-	733	36	-	-	-
K-30	do.	742	Dec. 16, 1948	14	-	5.8	3.8	219	456	2.0	92	-	.5	-	592	30	94	985	-
K-32	U. S. Dept. of Agriculture	127	May 27, 1941	-	-	44	16	436	506	2	500	-	a	-	1,250	175	-	-	-
K-32	do.	127	Dec. 17, 1948	22	-	46	18	431	494	4.8	508	-	.2	0.65	1,270	189	83	2,330	-
K-33	Hartfield's Camp	120	May 27, 1941	-	-	70	17	444	494	2	570	.1	a	-	1,350	245	-	-	-
K-34	R. E. Hicks	26	do.	-	-	43	3.4	25	140	12	35	-	a	-	187	122	-	-	-
K-35	E. Whitehead	268	July 3, 1941	-	-	39	15	700	604	2	840	-	a	-	1,890	159	-	-	-
K-37	W. L. Moody	292	do.	-	-	-	-	-	622	2	965	-	0	-	2,000	-	-	-	-
L-1	Asa Standley	19	May 6, 1941	-	-	22	3.2	92	104	27	109	-	a	-	304	67	-	-	-
L-2	E. A. Wilburn	325	July 7, 1941	-	-	20	20	721	695	2	800	.2	a	-	1,900	132	-	-	-
L-5	do.	408	May 7, 1941	-	-	18	5.8	728	653	2	790	.6	a	-	1,860	69	-	-	-

Table 5.- Analyses of water from wells in Chambers County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO ₂)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids	Hardness as CaCO ₃	Percent sodium	Specific conductance (micromhos at 25°C)	pH
L-7	Fred Kruger	18	May 7, 1941	-	-	35	18	62	122	27	118	-	a	-	320	161	-	-	-
L-8	R. Barrow	12	June 27, 1941	-	-	89	22	187	372	227	126	0.7	a	-	835	314	-	-	-
L-9	Guy Jackson	420	July 7, 1941	-	-	31	12	920	580	2	1,170	-	a	-	2,420	128	-	-	-
L-11	do.	250	Aug. 22, 1941	-	-	-	-	-	482	2	1,450	-	0	-	2,670	-	-	-	-
L-13	-- Stevenson	-	Aug. 23, 1941	-	-	66	36	901	549	2	1,290	-	a	-	2,570	312	-	-	-
L-15	Temple Fitzgerald	300	Aug. 22, 1941	-	-	-	-	-	512	2	1,010	-	a	-	2,000	-	-	-	-
L-16	R. Barrow	210	Aug. 21, 1941	-	-	172	110	775	549	96	1,430	1.0	0	-	2,850	883	-	-	-
L-17	do.	572	do.	-	-	37	14	871	543	2	1,130	.1	0	-	2,321	148	-	-	-
L-20	C. Wilburn	20	May 7, 1941	-	-	-	-	-	98	82	210	-	a	-	524	-	-	-	-
L-23	G. R. Canada	565	June 27, 1941	-	-	26	24	761	470	2	1,020	.4	a	-	2,060	165	-	-	-
L-25	do.	844	May 7, 1941	-	-	20	13	881	476	241	975	.7	a	-	2,360	103	-	-	-
L-27	do.	650	July 3, 1941	-	-	44	16	1,070	421	4	1,520	.2	a	2.0	2,860	175	-	-	-
L-28	do.	220	Aug. 21, 1941	-	-	45	6.3	1,070	427	2	1,420	-	a	-	2,690	139	-	-	-
L-32	Carl Fitzgerald	204	Dec. 17, 1948	17	-	49	27	973	562	23	1,320	-	2.0	-	2,690	234	90	4,830	-
L-35	-- Stevenson	-	Aug. 23, 1941	-	-	-	-	-	586	2	1,300	-	a	-	2,520	-	-	-	-
L-36	Guy Jackson	250	July 7, 1941	-	-	61	38	1,030	555	2	1,480	.1	a	-	2,880	308	-	-	-
L-37	do.	720	Aug. 23, 1951	-	-	52	22	1,320	360	2	1,970	.8	0	-	3,540	219	-	-	-
L-38	do.	245	Aug. 22, 1941	-	-	62	27	939	647	2	1,260	-	a	-	2,610	267	-	-	-
L-39	do.	240	Aug. 23, 1941	-	-	80	24	1,420	378	2	2,180	-	a	-	3,890	300	-	-	-
L-44	U. S. Dept. of Agriculture	230	July 3, 1941	-	-	43	35	869	647	2	1,140	-	0	-	2,410	251	-	-	-
L-45	G. R. Canada	265	--	-	-	36	33	926	689	2	1,190	.2	0	-	2,520	226	-	-	-
L-46	do.	251	July 3, 1941	-	-	71	15	961	653	2	1,270	-	a	-	2,640	239	-	-	-
L-48	E. A. Wilburn	262	do.	-	-	80	42	959	653	2	1,360	-	a	-	2,760	371	-	-	-
L-49	do.	280	do.	-	-	66	43	975	573	2	1,410	-	0	-	2,780	342	-	-	-
M-1	F. Jackson	230	July 8, 1941	-	-	68	2.7	1,050	525	2	1,440	-	0	-	2,820	182	-	-	-
M-4	R. Barrow	540	do.	-	-	46	54	1,420	476	2	2,150	.7	0	-	3,900	338	-	-	-
M-5	F. Jackson	240	do.	-	-	12	35	1,220	628	2	1,640	-	0	-	3,220	171	-	-	-
M-6	Taylor White Estate	-	June 23, 1941	-	-	29	25	850	653	2	1,060	-	a	-	2,290	175	-	-	-
M-8	do.	85	May 29, 1941	-	-	221	65	976	586	27	1,730	-	2.0	-	3,300	820	-	-	-
M-9	do.	156	do.	-	-	11	11	717	653	3	775	-	a	-	1,840	72	-	-	-
M-10	do.	-	Aug. 24, 1941	-	-	54	22	882	683	2	1,120	-	a	-	2,420	224	-	-	-
M-11	A. D. Middleton	-	June 23, 1941	-	-	68	39	1,140	604	2	1,630	-	a	-	3,170	329	-	-	-
M-12	Taylor White Estate	220	May 20, 1941	-	-	125	58	1,740	506	2	2,770	-	a	-	4,940	551	-	-	-
M-13	do.	220	do.	-	-	-	-	-	470	2	3,950	-	a	-	1,570	-	-	-	-
M-17	R. Barrow	200	July 8, 1941	-	-	71	72	1,940	567	2	2,990	-	a	-	5,350	475	-	-	-

a Less than 20 parts per million.
b Less than 5 parts per million.
c Less than 2 parts per million.
d Soap hardness.

