

M-133

TEXAS STATE BOARD OF WATER ENGINEERS

C. S. Clark, Chairman

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GROUND-WATER RESOURCES OF THE HOUSTON DISTRICT

Progress report with records of wells, pumpage, water level fluctuations in wells, and well water analyses, Harris County and adjoining parts of Fort Bend and Waller Counties, Texas.

By

W. N. White, N. A. Rose and W. F. Guyton

Prepared in cooperation with the United States Department of the Interior, Geological Survey

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PROGRESS REPORT ON THE GROUND-WATER RESOURCES OF THE HOUSTON DISTRICT

By W. N. White, N. A. Rose and W. F. Guyton

January 1942

INTRODUCTION

History of investigation and previous reports

An investigation of the supply of ground-water available for the Houston district, comprising all of Harris County and parts of adjoining counties, has been in progress since December 1930, when funds have permitted, as part of a survey of the ground-water resources of Texas by the United States Department of the Interior, Geological Survey, in cooperation with the Texas State Board of Water Engineers. This investigation is under the general direction of O. E. Meinzer, geologist in charge of the division of ground-water in the Geological Survey. The results of the investigation have been summarized in six mimeographed progress reports, the first of which was released to the public in October 1932, and the last in November 1940. All periodic water-level measurements made before December 31, 1940, have been published by the Geological Survey.^{1/}

The current phase of the investigation was begun in the fall of 1938 when \$5,000 was allocated by the City of Houston for the investigation and was matched with Federal funds. Additional appropriations of \$5,000 each were made in the springs of 1940 and 1941 and were also matched with Federal funds.

In addition to a discussion of the geology, pumpage and water-level fluctuations, the 1940 progress report included a summary of the results of a program of test well drilling made by the City in the summer of 1939. A detailed report of

^{1/} Water levels and artesian pressure in observation wells in the United States: U. S. Geol. Survey, Water-Supply Papers 777, 840, 845, 886 and 909.

this exploratory drilling was released to the City in July 1940, and will be published by the Geological Survey.^{2/} The progress report also included the results of pumping tests made to determine the transmissibility and storage capacity of the water-bearing beds. Papers giving the results of the tests and their application in more detail were published in the American Geophysical Union Transactions of 1941.^{3/ 4/}

The following is copied from the summary on pages 33 to 35 of the 1940 report:

The aggregate annual pumpage in the Houston and Pasadena areas was nearly constant from 1930 to 1936, inclusive, but it increased about 60 percent between 1937 and 1940. In the Katy area the annual pumpage decreased slightly between 1930 and 1935, inclusive, but increased about 200 percent between 1936 and 1940. The total annual pumpage in the Houston district was nearly doubled in the five-year period.

From 1930 to 1937, inclusive, the water levels in the Houston and Pasadena areas remained practically constant, indicating that essential equilibrium in water levels had been reached for the amount of water pumped. As was to be expected, the increased pumpage in 1937 caused a marked decline in water levels, an increased hydraulic gradient, an expansion of the cone of depression, and the removal of water from artesian storage. Further increases in pumpage in 1939 and 1940 caused further decline and depletion. Since 1937 the head in the artesian aquifers has declined over a wide area perhaps to the outcrop area. A part of the water that is pumped is taken from artesian storage in the pumping areas, but most of it is being drawn into these areas through the aquifers. The water that is drawn into these areas is replenished in large part by recharge on the outcrop area, but a substantial part of it is also drawn from storage in the artesian aquifers outside of the pumping areas. The evidence obtained to date indicates that the pumping has not yet drawn water from storage in the outcrop area.

^{2/} N. A. Rose, W. N. White and Penn Livingston, Exploratory well drilling in the Houston district, Texas, manuscript, July 1940.

^{3/} C. E. Jacob, Coefficients of storage and transmissibility obtained from pumping tests in the Houston district, Texas, Trans. Amer. Geophys. Union, pp. 744-756, 1941.

^{4/} W. F. Guyton, Application of coefficients of transmissibility and storage to regional problems in the Houston district, Texas, Trans. Amer. Geophys. Union, pp. 756-770, 1941.

In the Katy area, the decline in water levels has been less than in the Houston and Pasadena areas, but it represents in part an unwatering of the beds, and hence a larger proportion of the water derived from storage. If the present rate of pumping in the Katy area is continued the local ground-water reservoir will be seriously depleted.

If pumping at the present rate of 79,000,000^{5/} gallons a day in the Houston and Pasadena areas is continued, the artesian head will continue to decline for some years, although at a diminishing rate. If the rate of pumping is substantially decreased, the water levels will rise, but they will probably not return to the altitudes at which they stood when a similar pumping rate was maintained at an earlier time. Any increase over the present rate of pumping will cause further decline in water levels, withdrawal of additional water from artesian storage, further steepening of the hydraulic gradient, and increased flow of ground water into the pumping areas. The question as to further increase in the rate of pumping is partly a question of the maximum depth from which water can be economically pumped, but it also involves the further depletion of the storage in the ground-water reservoir, the possibility of withdrawing water at a more rapid rate than it can be replaced from rainfall in the outcrop areas, and the possibility of increasing the danger of encroachment of salt water. If it is desired to maintain the water levels at or near their present altitudes the present rate of pumping should be reduced and a supplementary supply of water should be developed.

Analyses of water samples taken periodically since 1931 from selected wells have thus far not given any evidence of intrusion of salt water into the fresh water-bearing sands of the area from down dip or from underlying salt-water sands. However, this intrusion may be occurring beyond the limits of observation wells. Further lowering of the head in the fresh water-bearing beds will increase the possibility of the intrusion.

Previous reports have indicated that additional supplies for the City of Houston could be obtained from wells west of Houston in the direction of Clodine. To obtain an additional supply from this area is now less promising because of the large increase in pumpage during the last two years in the nearby Katy area, with the resulting large withdrawal of water from storage. Although the information at hand indicates that a supplementary supply of ground water may be obtained in the area north of Houston, including the Aldine-Westfield locality, from sands which lie stratigraphically deeper than the heavily-pumped sands of the Houston and Pasadena areas, the information is insufficient to allow estimates to be made of the quantity and quality of the water. Additional test drilling would serve to show the character and extent of these sands and the quality of the water in them.

5/ 1940 figure corrected.

Field operations and office studies in 1940 and 1941

During 1940 and 1941 records of about 600 important wells in Harris County and adjacent areas in Fort Bend and Waller Counties were obtained, and records of about 400 others, which were published in 1939, were brought up to date. The data included the depth of well, size of casing, position of screens, method of lift, reported yield, drillers' and electrical logs and other important information. Water samples were collected from many of the wells and analyzed for their chemical character. The well records and chemical analyses and a part of the logs were compiled and tabulated and will be released at an early date in mimeographed form. Records of the average daily pumpage from all of the important municipal, industrial, and irrigation wells were obtained and compiled during the latter part of 1941.

Measurements of water levels were made at intervals ranging from one to three months in about 220 observations wells, including 23 Houston municipal wells. A part of these wells are in the Houston and Pasadena pumping areas, a part in the Katy rice-growing area, and a part in the outcrop area of the water-bearing sands along the Houston-Hempstead and Houston-Conroe highways. The water levels in 52 shallow test wells, comprising 13 groups of two to six wells each at various places in the outcrop area, have been measured regularly in connection with studies of the recharge. Records of the water-level measurements in the Houston municipal wells from 1938 to 1941 were compiled and released in manuscript form to the City Water Department in the fall of 1941. The periodic analyses of water from about 60 selected wells throughout the area, made to determine whether the character of the water is changing, were continued.

RAINFALL

The rainfall in most of Texas was unusually heavy during the year ending November 1, 1941. According to the records of the U. S. Weather Bureau, the rainfall for this period at Houston amounted to 72.32 inches, or about 60 percent more than the average for 60 years. At Hempstead, about 50 miles northwest of Houston, it was 79.48 inches or about twice the average for 50 years. At Conroe, about 40 miles north of Houston, it was 87.06 inches or about 80 percent above the average for 23 years. The rainfall during the summer months, April to September inclusive, in 1941 was 37.02 inches at Houston, 29.98 inches at Hempstead, and 38.91 inches at Conroe. Because of the abnormally high rainfall the requirements for watering lawns and gardens and for industrial cooling during the summer were much less than usual and only about half as much water as usual was used for rice irrigation.

PUMPAGE

General Statement

Nearly all of the water pumped in the Houston district comes from approximately 350 wells, of which 255 are in the Houston and Pasadena areas, and 95 in the Katy rice-irrigation area. The estimated average quantities of water pumped in the Houston, Pasadena, and Katy areas in 1930, 1935, 1937, 1939, 1940, and 1941 are given in millions of gallons a day in the following table.

Estimated average daily pumpage in the Houston,
Pasadena and Katy pumping areas
(in millions of gallons a day) a/

	1930	1935	1937	1939	1940	1941
Houston Water Department (from city records)	25.8	24.5	25.2	27.2	<u>b/</u> 28.8	27.2
Houston independent public water supplies and industrial wells	14	14	16	16	17	17
Pasadena industrial wells	10	10	29	29	<u>b/</u> 33	34
Total in the Houston and Pasadena pumping areas	50	49	70	72	79	78
Katy pumping area	18	14	30	40	45	23
Total	68	63	100	112	124	101

a/ For convenience in compiling, all figures are given as daily averages throughout the year.

b/ Figures in 1940 report corrected.

Houston and Pasadena pumping areas

The Houston Water Department owns and operates 23 wells in seven groups widely spaced over the city. The average daily pumpage from these wells by months in 1930, 1935, and in the five years from 1937 to 1941 inclusive is given in the following table.

Average daily pumpage by the Houston Water Department
(in millions of gallons a day)

	1930	1935	1937	1938	1939	1940	1941
January	24.5	22.9	22.2	22.3	21.9	28.2	23.6
February	24.6	22.9	22.2	22.4	21.8	24.9	23.3
March	24.0	24.0	21.9	23.6	24.1	27.0	23.8

Average daily pumpage by the Houston Water Department--Continued
(in millions of gallons a day)

	1930	1935	1937	1938	1939	1940	1941
April	25.9	23.7	23.6	23.8	26.9	27.1	26.3
May	25.0	24.2	29.2	25.4	29.4	29.7	27.6
June	27.9	25.8	27.7	26.9	30.7	29.2	28.0
July	28.5	27.0	28.1	27.9	32.1	31.1	31.5
August	28.2	27.5	27.8	27.8	32.2	36.1	32.2
September	27.7	24.8	27.4	26.9	29.9	33.8	29.5
October	26.0	24.2	25.5	26.6	27.5	28.8	28.0
November	24.5	22.6	23.9	23.5	25.2	24.7	26.5
December	23.7	22.5	22.7	22.2	24.2	23.6	26.4
Average	25.8	24.4	25.2	25.0	27.2	28.8	27.2

Most of the suburban communities obtain public supplies from their own wells and industrial requirements are met in large part from privately-owned wells. The following table gives the estimated average daily pumpage during 1941 for public water supply and for industrial use. The table is subdivided to show the pumpage by the City Water Department, the independent public water supply agencies and the nine classes of industrial activities using the most water.

Estimated average daily pumpage for public and industrial supply in the Houston and Pasadena areas in 1941

	Number of plants	Number of wells	Daily pumpage (million gallons a day)
Houston Water Department	7	23	27.2
Paper mill	1	9	21.0
Oil refineries	6	21	11.8
Railroads	10	21	3.0
Ice plants	18	24	3.0

Estimated average daily pumpage for public and industrial supply
in the Houston and Pasadena areas in 1941--Continued

	Number of plants	Number of wells	Daily pumpage (million gallons a day)
Independent public water supplies	20	33	2.3
Office buildings, hotels and theatres	26	29	1.7
Meat packing plants	3	6	1.3
Tool companies	2	3	1.2
Laundries	13	13	0.9
Light and power plants	2	5	0.8
Miscellaneous industrial plants using more than 5,000 gallons a day	57	68	3.9
Total	165	255	78.1

During 1941 the total estimated average pumpage in the Houston and Pasadena areas was 78,000,000 gallons a day, or 1,000,000 gallons a day less than in 1940. The average daily consumption for public supply was about 2,000,000 gallons a day less than in 1940, although the number of consumers increased during the year. The unusually heavy rainfall and frequency of showers during the summer apparently was responsible for the decrease as comparatively little water was needed for lawns and gardens. The average daily pumpage by industries in 1941 was about 1,000 000 gallons more than in 1940. The average daily withdrawals for industrial use during the winter months of 1941 were materially greater than during the corresponding months of the preceding year, due to pumping by new industries and an increase in consumption by a number of others. Less water was used during the summer, however, as the demands for cooling purposes were less than usual. It follows that the total pumpage in the Houston-Pasadena area was more evenly distributed throughout the year than usual.

Katy rice-growing area

The following table shows the number of wells used for the irrigation of rice in the Katy area, the number of acres irrigated, the total amount of water pumped, in acre feet, and the amount of water, including rainfall, applied to the land per acre per season for 1930, 1935, 1937, 1938, 1939, 1940 and 1941.

Pumpage and rainfall in the Katy rice-growing area

	1930	1935	1937	1938	1939	1940	1941
Number of wells	45	40	61	71	78	88	95
Total number of acres irrigated	9,400	8,000	13,750	16,370	19,950	24,200	27,350
Total amount of water pumped, in acre-feet <u>a/</u>	20,200	15,700	33,600	28,000	44,900	50,400	25,800
Acre-feet of water pumped per acre	2.2	1.9	2.5	1.7	2.2	2.1	0.9
Rainfall, in feet (May to September) <u>b/</u>	0.9	1.9	0.9	1.9	1.6	1.4	2.6
Total amount of water applied to the land (irrigation + rainfall), in acre-feet per acre	3.1	3.8	3.4	3.6	3.8	3.5	3.5

a/ One-acre foot equals approximately 326,000 gallons.

b/ Average of rainfall recorded by U. S. Weather Bureau at Hempstead, Houston, Sealy and Sugarland. No record for Hempstead in 1938 or Sealy in 1939.

Records of the American Rice Growers Cooperative Association show that in the Katy area, which comprises approximately 300 square miles, about 27,350 acres of rice were planted during 1941 and irrigated with water pumped from 95 wells as compared with 24,200 acres planted and irrigated from 88 wells in 1940 (see figure 1, page 179). The total pumpage was about one-half that for 1940 or the equivalent

of about 23,000,000 gallons a day throughout the year, as compared with 45,000,000 gallons a day in 1940. However, the decrease in the use of irrigation water was compensated by the increase in rainfall during the growing season, and the total amount of water applied to the land per acre during the growing season remained about the same as it was in the six former years. This amount of water has been remarkably uniform throughout the seven years.

DECLINE OF WATER LEVELS IN WELLS

(See figures 1 and 2, pages 179 and 180 for location of observation wells)
Houston, Pasadena and adjacent localities

The general decline in water levels in the Houston and Pasadena areas, which began in 1937, continued during 1941, but at a somewhat slower rate.

In Pasadena and eastern Houston, the average decline between the spring of 1940 and the spring of 1941 was only slightly less than between the springs of 1939 and 1940. However, the rate of pumping throughout 1941 was unusually uniform, the decline in water levels during the summer was much smaller than usual, and the levels were only slightly lower in the early fall of 1941 than at the same time in 1940. The pumping was not decreased as much as usual after the summer months and most of the water levels showed a net decline for the year.

In northern Houston, the average decline in water levels between the springs of 1940 and 1941 was a little less than half that of 1939-40. The fall measurements in 1941 in general were no lower than those in 1940. A small rise in levels occurred late in 1941.

In central and western Houston, the average decline between the springs of 1940 and 1941 was approximately the same as during the previous year. Partly as a result of decreased pumping in the summer of 1941, however, a rise was shown between the

lowest measurements in the fall of 1940 and the lowest measurements in the fall of 1941. A normal rise also occurred after the 1941 low.

In the localities west and north of Houston, the average decline between the spring measurements of 1940 and 1941 was one-half to two-thirds as much as during the preceding year. A small rise was shown between the lowest measurements recorded in the falls of the two years.

The rate of pumping from wells screened opposite the comparatively shallow, lightly-pumped sands in the Houston and Pasadena areas increased during 1941. This increase resulted in declines between the spring and fall measurements of 1940 and 1941 which were about the same or slightly more than during the preceding year.

The decline of water levels between 1937 and 1941 in observation wells screened opposite the heavily-pumped sands in Houston, Pasadena and adjacent localities is shown in the following table,

Decline of water levels in wells screened opposite the heavily-pumped sands in the Houston, Pasadena and adjacent localities, in feet, 1937 to 1941

Well No.	Distance from Pasadena (miles)	Depth (feet)	Spring measurements					Fall measurements	
			1937-38	1938-39	1939-40	1940-41	1937-41	1939-40	1940-41

Vicinity of Pasadena

1182	$\frac{1}{2}$ W	685	--	--	--	20.88	--	12.90	1.92
1187	1 W	834	--	+0.13	18.93	7.6	--	15.8	--
1231	1 W	834	--	+1.47	19.34	6.0	--	11.14	--
1176	2 NW	1,134	28.99	2.90	+1.48	6.05	36.46	6.08	9.24
1170	2 W	836	31	+0.5	19.5	6.5	56.5	18.5	0.0
1161	$2\frac{1}{2}$ W	1,228	25	3.5	10	13.89	52	16.64	--
1150	$2\frac{1}{2}$ NW	680	--	--	--	13	50	13.10	3.14

Plus (+) indicates rise in the water levels.

Decline of water levels in wells screened opposite the heavily-pumped sands in the Houston, Pasadena and adjacent localities, in feet, 1937 to 1941--Continued

Well No.	Distance from Pasadena (miles)	Depth (feet)	Spring measurements					Fall measurements	
			1937-38	1938-39	1939-40	1940-41	1937-41	1939-40	1940-41
<u>Vicinity of Pasadena--Continued</u>									
883	3½ W	841	--	--	11.24	12.36	--	13.96	0.29
1229	4 S	1,680	--	--	--	14.56	--	20.88	2.97
1230	4 S	1,419	--	--	--	12.95	--	12.14	6.08
890	4½ W	1,284	22.12	--	--	10.04	49	--	--
1302	6½ S	832	18	4.5	4.79	7.49	35	7.60	3.84
933	7 N	850	--	--	--	7.45	--	7.47	1.54
<u>Eastern Houston</u>									
881	5 W	650	15.90	6.00	8.92	7.85	38.67	9.79	1.44
878	5 W	905	24.64	4.54	8.63	8.73	46.54	14.5	+2.2
913	5½ W	876	--	6.38	7.17	7.97	--	9.68	1.83
759	5½ NW	569	16.49	5.99	9.83	5.83	38.14	8.45	3.45
876	6½ W	--	--	5.57	9.63	5.80	--	7.58	1.03
757	6½ NW	676	13.2	6.57	9.91	4.2	33.9	9.7	+1.0
751	7 NW	540	12.56	6.62	9.88	6.24	35.30	9.58	0.55
748	7½ NW	721	--	--	--	6.06	--	9.26	0.32
<u>Northern Houston</u>									
662	10 NW	834	12.20	7.21	15.65	+0.28	34.78	12.43	+4.13
663	10 NW	740	--	--	7.44	1.29	--	4.54	1.08
656	11½ NW	665	10.79	6.13	10.11	3.86	30.89	9.40	0.0
585	12½ NW	950	--	--	9.27	4.34	--	--	--

Plus (+) indicates rise in the water levels.

Decline of water levels in wells screened opposite the heavily-pumped sands in the Houston, Pasadena and adjacent localities, in feet, 1937 to 1941--Continued

Well No.	Distance from Pasadena (miles)	Depth (feet)	Spring measurements					Fall measurements	
			1937-38	1938-39	1939-40	1940-41	1937-41	1939-40	1940-41
<u>Central and western Houston</u>									
680	9½ NW	1,280	13.20	+2.57	3.88	11.67	26.18	12.3	1.7
790	10½ W	606	+1.12	10.29	6.18	3.59	18.94	5.77	--
619	10½ NW	625	2.18	8.71	7.51	3.95	22.35	10.17	+4.42
788	11 W	1,416	--	--	3.90	9.06	--	4.54	--
523	11 NW	900±	--	--	5.97	3.51	--	5.20	3.20
620	11½ W	1,379	--	--	2.52	9.0	--	5.94	--
787	12 W	701	--	--	4.63	0.66	--	4.83	+1.57
779	12 W	584	--	--	4.82	3.58	--	--	--
780	12 W	732	--	--	4.57	4.30	--	9.07	--
606	12 NW	575	4.56	7.67	7.57	2.93	22.73	8.23	+2.06
609	12 NW	825	--	--	7.09	2.82	--	8.81	+3.40
602	13½ W	1,038	7.69	5.83	6.23	4.64	24.39	10.29	+2.80
<u>Locality west of Houston</u>									
304	14½ W	650±	6.20	6.15	5.09	--	--	--	--
783	15½ W	350±	2.67	5.17	4.34	2.44	14.62	4.85	+0.40
809	16 W	1,100±	6.37	3.88	6.61	7.05	23.91	9.88	+1.43
840	16 W	827	--	--	5.07	3.70	--	3.15	0.29
473	18½ W	416	--	--	3.94	3.04	--	4.38	+1.31
498	19½ W	787	--	--	3.72	2.58	--	3.71	+0.97
472	20 W	365	--	--	3.68	1.27	--	4.11	+2.03
490	23½ W	1,272	--	--	--	2.57	--	3.35	1.40
489	25½ W	472	--	--	--	1.22	--	3.85	+1.56

Plus (+) indicates rise in the water levels.

Decline of water levels in wells screened opposite the heavily-pumped sands in the Houston, Pasadena and adjacent localities, in feet 1937 to 1941--Continued

Well No.	Distance from Pasadena (miles)	Depth (feet)	Spring measurements					Fall measurements		
			1937-38	1938-39	1939-40	1940-41	1937-41	1939-40	1940-41	
<u>Locality north of Houston</u>										
650	14 NW	468	--	--	5.84	3.74	--	5.83	0.15	
649	16 NW	367	--	--	4.84	3.06	--	5.38	+1.05	
648	16 NW	301	--	--	--	2.94	--	4.34	0.0	
302	18 N	1,000-	--	--	2.66	2.44	--	2.70	1.42	
256	21 NW	189	2.70	2.57	3.14	--	--	--	--	
264	21 NW	900+	11.78	2.47	2.92	0.03	17.20	2.22	+1.50	
225	23 $\frac{1}{2}$ NW	616	--	--	2.54	0.29	--	4.85	+1.60	
268	24 $\frac{1}{2}$ N	815	--	--	--	1.3	--	2.0	+0.8	
221	24 $\frac{1}{2}$ NW	208	--	--	2.63	+2.73	--	4.42	+4.82	

Plus (+) indicates rise in the water levels.

A summary of the more important declines from 1940 to 1941 and 1937 to 1941, based on spring measurements, is as follows:

Vicinity of Pasadena:-- In 13 observation wells near Pasadena, the decline in water levels between the springs of 1940 and 1941 ranged from 6.0 to 20.9 feet and averaged 10.7 feet. The decline between 1937 and 1941 in six wells, for which comparable records are available, ranged from 35.0 to 56.5 feet and averaged 46.5 feet (see figure 3, page 181).

Eastern Houston:-- In eight observation wells in eastern Houston the decline between the springs of 1940 and 1941 ranged from 4.2 to 8.7 feet and averaged 6.6 feet. The decline between 1937 and 1941 in five wells ranged from 33.9 to 46.5 feet and averaged 38.5 feet (see figure 4, page 182).

Northern Houston:-- In three wells in northern Houston, the decline ranged from 1.3 to 4.3 feet between the springs of 1940 and 1941 and averaged 3.2 feet. In one well there was a rise of 0.3 foot. In two wells, the decline was 30.9 and 34.8 feet between 1937 and 1941 (see figure 7, page 185).

Central and western Houston:-- Observations in central and western Houston in 12 wells showed a decline between the springs of 1940 and 1941 ranging from 0.7 to 11.7 feet and averaging 5.0 feet. The decline in five wells between 1937 and 1941 ranged from 18.9 to 26.2 feet and averaged 22.9 feet (see figure 5, page 183).

Locality west of Houston:-- West of Houston, the decline in eight wells between the springs of 1940 and 1941 ranged from 1.2 to 7.1 feet and averaged 3.0 feet. The decline in two wells between 1937 and 1941 was 14.6 and 23.9 feet (see figure 6, page 184).

Locality north of Houston:-- North of Houston, the decline in seven wells between the springs of 1940 and 1941 ranged from 0.1 to 3.7 feet and averaged 1.9 feet. In one well there was a rise of 2.7 feet. The decline in one well between 1937 and 1941 was 17.2 feet (see figure 7, page 185).

Records of the decline in water levels in observation wells that in general are considerably shallower than the wells listed in the preceding table and draw water from the more lightly-pumped sands are given in the following table.

Decline of water levels in wells screened opposite the lightly-pumped sands in the Houston, Pasadena and adjacent localities, in feet. 1937 to 1941

Well No.	Distance from Pasadena (miles)	Depth (feet)	Spring measurements					Fall measurements	
			1937-38	1938-39	1939-40	1940-41	1937-41	1939-40	1940-41
1209	4 $\frac{1}{2}$ S	650±	6.49	4.22	2.33	4.32	17.36	3.08	3.0
886	5 W	540	6.58	1.19	5.38	--	--	4.00	--

Decline of water levels in wells screened opposite the lightly-pumped sands in the Houston, Pasadena and adjacent localities, in feet, 1937 to 1941--Continued

Well No.	Distance from Pasadena (miles)	Depth (feet)	Spring measurements					Fall measurements	
			1937-38	1938-39	1939-40	1940-41	1937-41	1939-40	1940-41
738	8 $\frac{1}{2}$ NW	205	3.03	0.40	2.06	3.39	8.88	2.6	4.4
778	11 $\frac{1}{2}$ W	404	--	--	3.78	1.11	--	--	--
820	11 $\frac{1}{2}$ W	310	0.60	3.89	2.43	2.89	9.81	3.05	--
608	12 NW	350	--	--	4.40	4.1	--	3.60	5.12
604	12 $\frac{1}{2}$ NW	340	0.57	+1.02	4.93	2.22	6.70	2.63	7.15

Plus (+) indicates rise in the water levels.

The decline in six of these wells between 1940 and 1941 ranged from 1.1 to 4.3 feet and averaged 3.0 feet; the decline between 1937 and 1941 in four wells ranged from 6.7 to 17.4 feet and averaged 10.7 feet.

In the following table, the decline in water levels in the Houston municipal wells from 1939 to 1940 and from 1940 to 1941 are shown. With one exception the figures are based on winter and spring measurements. With each measurement recorded in 1940 and 1941, the time the pump on the well was idle before the measurement was made is given.

Decline of water levels recorded in Houston municipal wells, 1939 to 1941

Plant	Well	Decline from 1939 to 1940 ^{1/}	Date (1940)	Depth to water (feet)	Time of shut down ^{2/}	Date (1941)	Depth to water (feet)	Time of shut down ^{2/}	Decline from 1940 to 1941
Central	F-1	10.59	Feb. 27	103.89	30 min.	Mar. 4	101.74	1 week	+ 2.15
do.	F-5	7.83	Feb. 8	100.91	5½ days	do.	99.27	1 week	+ 1.64
do.	F-10	10.04	do.	93.26	8½ days	do.	94.02	1 week	0.76
do.	F-11	7.0	Feb. 27	93.0	30 min.	do.	100.0	29 min.	7.0
do.	F-12	11.60	do.	96.25	30 min.	do.	101.5	30 min.	5.25
do.	C-16	4.50	do.	102.33	30 min.	do.	102.42	28 min.	0.09
do.	D-17	13.53	do.	101.03	120 min.	do.	104.0	29 min.	2.97
East End	1	8.28	do.	109.32	30 min.	do.	116.81	30 min.	7.49
Heights	6	8.92	Feb. 28	87.41	29 days	do.	93.40	1 day+	5.99
do.	7	7.65	do.	96.96	30 min.	do.	98.92	30 min.	1.96
do.	8	6.08	Aug. 23	112.47	30 min.	Sept. 9	118.41	31 min.	5.94
Magnolia Park	2	6.92	Feb. 27	90.41	3 weeks	Mar. 4	92.10	3 months	1.69
Northeast	1	12.99	May 9	74.5	30 min.	May 20	84.69	30 min.	10.2
Scott Street	1	14.03	Feb. 27	116.54	90 days+	Mar. 4	124.32	90 days+	7.78
do.	2	17.54	do.	112.41	30 min.	do.	118.20	30 min.	5.79
do.	3	18.66	do.	116.97	30 min.	do.	125.75	30 min.	8.78
do.	4	14.20	do.	107.66	30 min.	do.	114.60	32 min.	6.94
do.	5	15.48	do.	112.84	22½ hrs.	do.	121.11	30 min.	8.27
South End	2	5.16	Feb. 28	87.23	35 min.	Mar. 4	93.47	30 min.	6.24
do.	4	3.12	do.	82.16	30 min.	do.	85.34	30 min.	3.18
do.	5	2.52	May 9	120.1	30 min.	May 21	127.03	30 min.	6.9

Plus indicates rise in water levels.

^{1/} From page 18 of the 1940 report.

^{2/} Time pump was idle before measurement was taken.

Most of the water-level measurements in the foregoing table do not reflect the true static levels because the wells were not allowed to remain unpumped long enough before the measurements were made to permit the water levels to become static, and because no control was exercised over the rates or times at which the other wells in the fields were pumped. Hence, the water levels measured in a single well at different times are not strictly comparable. However, if the measurements of all the wells at a plant are considered, the individual discrepancies tend to be ironed out and the average of the individual declines gives the approximate magnitude of the decline at that plant. The average decline recorded at each plant from 1939 to 1940 and from 1940 to 1941, respectively, was as follows: Central, 9.3 and 1.8 feet (a small rise is shown in two wells between 1940 and 1941); East End, 8.3 and 7.5 feet; Heights, 7.6 and 4.6 feet; Magnolia Park, 6.9 and 1.7 feet; Northeast, 11.1 and 10.2 feet; Scott Street, 15.8 and 7.5 feet; and South End, 3.6 and 5.4 feet.

Decline in Katy rice-growing area

The following table shows the decline in water levels in observation wells (see figure 1, page 179) in the Katy area between 1931 and 1941.

Decline of water levels in wells in the Katy rice-growing area, based on March measurements

Well No.	Depth of well (feet)	1931 to 1941	1939 to 1940	1940 to 1941	Well No.	Depth of well (feet)	1931 to 1941	1939 to 1940	1940 to 1941
<u>Harris County</u>					<u>Harris County--Continued</u>				
134	274	--	3.8	2.5	146	250	--	4.0	2.8
136	138	17.1	4.7	3.1	182	239	--	2.8	--
139	134	a/12.8	4.0	2.6	183	284	6.4	2.2	+0.8
140	359	--	3.9	2.5	186	628	9.7	2.5	0.4

Plus (+) indicates rise in the water levels.

a/ Decline between 1933 and 1940.

Decline of water levels in wells in the Katy rice-growing area,
based on March measurements--Continued

Well No.	Depth of well (feet)	1931 to 1941	1939 to 1940	1940 to 1941	Well No.	Depth of well (feet)	1931 to 1941	1939 to 1940	1940 to 1941
<u>Harris County--Continued</u>					<u>Waller County</u>				
205	615	10.7	--	--	223	767	10.1	2.0	1.6
206	450 ⁺	5.1	3.6	+2.5	235	175	13.9	3.5	1.6
352	470	--	3.5	4.0	247	641	--	2.0	1.4
357	--	--	1.7	--	<u>Fort Bend County</u>				
362	500	12.7	3.1	1.8	7	337	6.7	2.0	1.5
367	535	--	2.5	1.2	11	170	a/6.1	2.3	1.4
370	625	--	2.2	1.1	15	172	9.8	2.2	2.2
371	374	--	--	1.0	19	545	8.1	2.0	0.6
380	55 ⁺	--	0.5	0.3	20	250	a/5.0	2.3	0.4
381	95 ⁺	7.9	1.5	0.9	21	--	5.1	2.0	0.6
382	185	--	2.8	1.1	26	657	--	2.0	1.2
384	505	a/9.5	2.8	1.7	33	346	--	1.7	1.8
385	359	a/5.8	2.3	0.7					
399	326	--	1.8	--					
400	258	--	1.9	+0.5					

Plus (+) indicates rise in the water levels.

a/ Decline between 1933 and 1940.

Since a part of the water withdrawn in the Katy area in the last few years has been taken from storage, a net decline in water levels has resulted. The decline in the Katy area in 27 observation wells between March 1940 and March 1941 ranged from 0.3 foot to 4.0 feet and averaged 1.6 feet. In three of the wells there was a slight rise. The decline in 13 of the wells between March 1931 and March 1941 ranged from 5.1 to 17.1 feet and averaged 9.5 feet (see figure 6, well 205, page 184 and figure 8, page 186).

The decline between March 1940 and March 1941 was approximately one-half of the decline between March 1939 and March 1940. The smaller rate of decline in the latter year was due to (1) a slackening in the rate of yearly increase in the pumping, the increase between 1939 and 1940 being only about one-third of the increase from 1938 to 1939, (2) wider distribution of pumping attending the drilling of new wells, and (3) increased recharge resulting from the unusually heavy rainfall during the winter of 1940-41. In most of the observation wells of the Katy area, the water levels were slightly higher in December 1941 and January 1942 than they were during corresponding months in 1940 and 1941. This was to be expected, as the rainfall was unusually heavy in 1941 and the pumpage was only about half as great as in 1940. However, the decline of the past few years should continue with the occurrence of normal rainfall and the resumption of heavy pumping.

RISE IN WATER-TABLE WELLS ALONG THE HEMPSTEAD AND CONROE HIGHWAYS

Most of the water-table wells under observation along the Hempstead and Conroe highways showed a rise in water levels, the rise ranging from a fraction of a foot to about four feet. This indicates that the ground-water recharge resulting from the heavy rainfall in the outcrop area of the water-bearing sands during 1941 was unusually large.

CHEMICAL CHARACTER OF THE GROUND WATER

The chemical character of the ground water is discussed on pages 21 to 23 of the 1940 report. The possibility of salt-water encroachment has been discussed in that and several other progress reports. Since 1931 samples taken at regular

intervals from selected widely-spaced wells in the district have been analyzed primarily to determine whether there has been any increase in chloride content. According to these analyses, including the latest made in the spring of 1941, there has been no important change in the chemical character of the ground water.

SUMMARY

The results of the investigation in the latter part of 1940 and in 1941 are consistent with those recorded in former years, discussed in the 1940 report. The summary of which is repeated in part on pages two and three of this report.

The pumpage in the Houston and Pasadena areas during 1941 averaged about 78,000,000 gallons a day, about 1,000,000 gallons a day less than in 1940. The reduction was due to a marked decline in the demands for water during the summer, resulting from the abnormally heavy rainfall. Although the water levels in the observation wells were materially lower in the spring of 1941 than in the spring of 1940, the net decline during the calendar year 1941 was small as compared with the decline during each of the four calendar years 1937 to 1940, inclusive. The lessening in the rate of decline is attributed to the fact that the water levels were not lowered as much as usual during the summer of 1941.

In the Katy area the pumpage during 1941 was approximately one-half as much as in 1940, averaging about 23,000,000 gallons a day. Although there was a decline in the water levels between the spring of 1940 and the spring of 1941 there was a small average net rise during the calendar year 1941, due to the reduction in pumpage and to recharge from the heavy rains.

Most of the water table wells in the outcrop area of the water-bearing sands along the Hempstead and Conroe highways showed a rise in water levels in 1941. The area is too far away, however, for the rise to appreciably affect the water levels

in the Houston and Pasadena wells.

It is expected that with the return of normal rainfall the pumpage in the Houston, Pasadena and Katy areas will increase and will be accompanied by a further decline in water levels.

The periodic analyses of water samples from 60 selected observation wells in 1941, like those of former years, give no evidence of the intrusion of salt water into the fresh water-bearing sands of the Houston district.

The investigation of the ground-water resources of the Houston district should be continued. The need for watching the ground-water situation is as great as ever and the results are becoming increasingly valuable with increase in the length of the period of record. It is especially important to continue the pumpage inventories, periodic recording of water levels in wells, and periodic analyses of water from numerous selected wells as a means of promptly detecting any intrusion of salt water.

WELL TABLES, WELL MAPS AND ELECTRICAL LOGS

By

N. A. Rose

The following tables contain a description of 1,018 wells, of which 935 are in Harris County and 83 in adjoining areas in Fort Bend and Waller Counties. The information includes the location and depth of the well, the name of the owner, the length and size of the casing, the position of the screen, the depth to the water level on given dates, the method of lift and the use of the water. The results of chemical analyses of water from 240 wells and of a series of partial analyses of water from 51 observation wells are given. These observation wells have been sampled and the water tested periodically since 1931 to determine whether the chloride content has increased. The tables also contain chemical analyses of 21 samples of water obtained from test wells during a program of exploratory drilling carried out by the City of Houston in 1939. Drillers' logs of 47 wells are included. Approximately 400 of the well records were obtained in 1931 to 1933 by Penn Livingston and S. F. Turner. The remaining records were obtained and about 250 of the earlier records were brought up to date during 1939 to 1942 by N. A. Rose, W. F. Guyton, C. R. Follett and L. G. Davis.

Figures 1 and 2 show the location of all the wells tabulated, each well being given a number on the map corresponding to the number assigned to it in the tables; Figures 9 and 10 show the first and second curves of the electrical logs of 13 of the City test wells, together with the chloride in the water (parts per million) at different depths.

HARRIS COUNTY

Records of wells in Houston district, Texas

All wells are drilled unless otherwise stated in Remarks

Well No.	Distance from Cypress	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
3	13 $\frac{3}{4}$ miles northwest	T. W. Ray	--	1870?	71	24,8	2.0
4	14 $\frac{1}{2}$ miles northwest	B. F. Quinn	--	1931	20	3	0.5
7	In Waller	Bob Robinson	H. H. Strickland	1931	124	--	--
9	13 $\frac{3}{4}$ miles northwest	J. E. Ellison	-- Phillips	1911	120+	5	--
10	12 miles northwest	J. A. Hafner	--	1931	21	3	--
11	11 $\frac{3}{4}$ miles northwest	do.	Hiram Bennett	1905	70	6	1.0
12	do.	do.	H. H. Strickland	1900	61	6	1.6
14	12 $\frac{3}{4}$ miles northwest	do.	do.	1926	122	4	2.0
15	16 $\frac{1}{2}$ miles northwest	W. P. Castle	W. Weaver	1925	90	4	--
31	10 $\frac{1}{8}$ miles northwest	R. L. Burton	Layne-Texas Co.	1928	297	6,4	0.5
33	In Hockley	W. G. Neeley	--	1910?	61	10	0
34	8 miles northwest	O. M. Taylor	H. H. Strickland	1928	55	8	--
35	do.	do.	do.	Old	35	14	2.5
36	do.	do.	--	1931	22	2	0
38	10 $\frac{1}{2}$ miles northwest	Louis Hegar	--	--	75+	6 $\frac{1}{2}$	--
39	8 $\frac{1}{2}$ miles northwest	Mrs. Joe Blake	Joe Blake	1898	38	30	--
40	9 miles northwest	Ira Southard	Ira Southard	1940	497	18,12	1.2
41	8 $\frac{1}{2}$ miles northwest	R. J. Niehouse	S. Eisen	1940	60	4	--
42	do.	W. J. Fish	B. E. Petry	1939	57	4	1.2
43	8 miles northwest	Louis Hager Est.	--	--	35	10	1.5
44	7 $\frac{1}{2}$ miles northwest	B. Ray Woods	Delta-Shurwell, Inc.	1941	730	20,13, 10 $\frac{3}{4}$	--
45	5 $\frac{1}{2}$ miles northwest	Unknown	B. E. Petry	1941	73+	4	1.5
46	7 $\frac{1}{4}$ miles northwest	G. E. Lloyd	do.	1937	83	4	--

a/ Plus (+) indicates water level is above ground.

b/ Pump or lift: T, turbine; Cf, centrifugal; J, jet; C, cylinder; A, air; Ng, natural gas; B, rope or bucket.
Power: E, electric; D, diesel; G, gasoline engine; S, steam; W, windmill; H, hand.
Figure indicates horsepower.

Chemical analyses of water from these wells are shown in a table of analyses on pages 157 to 166. *and*

Well No.	Water level Below measuring point (ft.) g/	Date of measurement	Method of lift b/	Use of water c/	Remarks
3	50.6	Nov. 6, 1931	None	N	Casing: 40 feet of 24-inch and 31 feet of 8-inch.
4	4.0	May 13, 1931	None	N	Test well formerly used for water level measurements.
7	--	--	C,W	D,S	Dug to 20 feet; remainder drilled.
9	--	--	C,W	D,S	
10	--	--	None	N	Test well formerly used for water level measurements.
11	44.8	Jan. 23, 1942	C,W	S	
12	48.0	do.	C,W	D,S	
14	52.7	do.	None	N	
15	--	--	C,W	S	
31	40.5	Jan. 23, 1942	C,E, S	D,S	Casing: 188 feet of 6-inch and 58 feet of 14-inch. Screen from 246 to 289 feet. See log.
35	20.2	do.	None	N	Tile casing.
34	--	--	C,G, 2	D,S	Screen from 46 to 55 feet.
35	16.6	Jan. 23, 1942	B,H	D	Tile casing.
36	12.8	do.	None	N	Test well used for water level measurements.
38	--	--	C,W	D,S	
39	--	--	C,W	D,S	Dug well.
40	42.3	Jan. 23, 1942	T,E, 60	Irr	Slotted casing: 400 feet. Yield 1,840 gallons a minute with a drawdown of 44 feet when drilled.
41	--	--	T,E, --	D,S	Screen from 50 to 60 feet.
42	32.3	June 10, 1941	C,W	D,S	Measured depth.
43	31.5	Oct. 3, 1939	B,H	D,S	Tile casing.
44	--	--	T,D, 130	Irr	Casing: 187 feet of 20-inch; 183 feet of 18-inch; 357 feet of 10-inch. Yield 3,000 gallons a minute when drilled. Irrigated 450 acres of rice in 1941. Owner's No. 4.
45	34.0	May 23, 1941	C,W	S	
46	--	--	C,W	D,S	Screen from 75 to 83 feet.

c/ P, public supply; Ind, industrial; Irr, irrigation; D, domestic; S, stock; O, oil field; N, none.

d/ Water level reported by driller or owner.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Cypress	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
47	7½ miles northwest	G. E. Lloyd	--	1915?	83	4	1.0
48	8¾ miles west	Warren Est.	J. H. Bennett	1932	210	6	--
49	8½ miles west	do.	B. E. Petry	1940	108	6	--
50	6¾ miles north	E. C. Seidel	--	1924	30	2	--
51	7¾ miles northwest	H. C. Nichols	--	1894?	64	42	--
52	7½ miles north	J. Hirsh	--	1907	37	42	--
53	8 miles northeast	E. Schultz	E. Schultz	1913	33	6, 1¼	--
55	8 miles northeast	Fritz Treichel	Fritz Treichel	1922	21	10	--
57	8¼ miles northeast	Humble Oil & Refining Co.	L. Patterson	1933	226	6	--
58	7½ miles northeast	do.	A. E. Fawcett, Sr.	1933	156	6	0
59	7¾ miles northeast	do.	L. Patterson	1933	284	6	--
60	7¼ miles northeast	do.	A. E. Fawcett, Sr.	1933	234	6	0
61	7½ miles northeast	do.	L. Patterson	1933	182	6	--
62	8 miles northeast	do.	do.	1933	864	13-3/8, 10¾	0
63	8½ miles northeast	do.	do.	1937	293	8	--
64	9¼ miles northeast	Amerada Petroleum Corp.	Homer Wright	1933	280	4	--
65	In Tomball	City of Tomball	L. Patterson	1937	303	8	--
66	8¼ miles northeast	Cecil Faris	B. E. Petry	1933	185	6	--
67	8½ miles northeast	Humble Pipe Line Co.	do.	1933	281	6	--
68	5¼ miles north	Fritz Benignus	Fritz Benignus	1917	40	36	--
71	12 miles northeast	Stanolind Pipe Line Co.	N. B. Anderson	1923	65	6, 4	0
74	8¼ miles northeast	M. F. Michel	M. F. Michel	1917	23	36	2.5
75	7¾ miles northeast	T. J. Kuehn	T. J. Kuehn	1885	30	60	2.0
76	7¼ miles northeast	W. M. Buvinghausen	N. B. Anderson	1916	96	4	--
77	6½ miles northeast	L. C. Hassell	A. Buvinghausen	1931	26	36	1.0

Well No.	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
47	31.0	May 23, 1941	None	N	
48	--	--	C,E, --	D	Screen from 150 to 210 feet. Supplies water for domestic use at Hockley salt mine.
49	--	--	A,-	Ind	Water has sulphur taste. Supplies water for cooling purposes at Hockley salt mine.
50	--	--	C,W	D,S	
51	--	--	C,W	D,S	Dug well.
52	--	--	C,W	D,S	Do.
53	--	--	C,H	D,S	
55	--	--	C,H	D,S	
57	--	--	None	N	Screen from 203 to 226 feet. Supplied water for drilling oil tests.
58	d/25	June 1933	None	N	Screen from 131 to 156 feet. Supplied water for drilling oil tests.
59	--	--	None	N	Screen from 263 to 284 feet. Supplied water for drilling oil tests.
60	d/24	June 1933	None	N	Screen from 195 to 234 feet. Supplied water for drilling oil tests.
61	--	--	None	N	Screen from 159 to 182 feet. Supplied water for drilling oil tests.
62	d/60	July 1933	T,E, 25	D,Ind	Screen at 761-788 and 810-838 feet. Yield 325 gallons a minute with a drawdown of 120 feet when drilled. Supplies Tomball Camp.
63	--	--	Ng	Ind	Screen from 251 to 293 feet. Supplies oil refinery.
64	--	--	C,E, 3 $\frac{1}{2}$	D	Screen from 168 to 230 feet. Supplies Tomball Camp.
65	--	--	T,E, 10	P	Screen from 248 to 293 feet. Yield 200 gallons a minute when drilled.
66	--	--	Ng	D,S	Screen from 163 to 185 feet.
67	--	--	C,E, 2	D,Ind	Screen from 185 to 205 feet.
68	--	--	H	D,S	Dug well.
71	d/36	Mar. 1933	C,E, 1	D,Ind	Screen from 57 to 65 feet.
74	16.3	Aug. 4, 1933	C,W	D,S	Dug well.
75	21.7	do.	C,G, --	D,S	Do.
76	--	--	C,H	D,S	
77	8.2	Mar. 27, 1941	None	N	Dug well.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Cypress	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
78	7 miles northeast	S. Bloom	S. Bloom	1896?	30+	48	1.5
79	5 $\frac{3}{4}$ miles northeast	H. M. Weston	--	1939	58	4	--
80	9 miles northeast	R. H. Jackson	E. Middlestead	1938	170	3	--
81	11 $\frac{1}{2}$ miles northeast	Harris County	do.	--	108	3	--
82	13 $\frac{1}{2}$ miles northeast	A. E. Hildebrandt	A. E. Hildebrandt	1933	105	2 $\frac{1}{2}$	--
83	6 $\frac{1}{2}$ miles northeast	L. C. Hassell	--	--	105	4	0.5

Well No.	Distance from Humble	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
89	13 miles northwest	W. Houde	E. Middlestead	1940	105	3	--
90	do.	C. M. Aves	L. Patterson	1940	136	4	--
92	12 $\frac{1}{4}$ miles northwest	E. N. Wunsche	--	--	35	36	2.5
93	In Spring	Missouri Pacific Lines	--	Old	1,070	8	--
95	10 $\frac{3}{4}$ miles northwest	H. C. Middlestead	--	1890?	32	72	2.0
96	do.	do.	--	--	30	6	--
97	11 miles northwest	do.	--	1931	17	2	0.2
98	12 $\frac{3}{4}$ miles west	R. W. Houk	H. L. Wilson	1925	137	4	--
99	12 $\frac{1}{2}$ miles west	do.	do.	1925	556	6	4.0
101	12 miles west	C. B. Bammel	A. E. Fawcett, Sr.	1929	142	4,3,2	1.0
102	10 miles west	C. P. Addison	--	1926	19	48	2.0 1.4
103	do.	do.	--	--	45	6	2.0
104	do.	do.	--	1931	155	4 $\frac{1}{2}$	--
105	In Westfield	Marshall Elzy	--	Old	20	36	2.0
106	10 miles west	Steve Pamuk	--	Old	17	36	1.0

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	measuring point (ft.) g/				
78	22.0		Mar. 27, 1941	C,H	D,S	Dug well.
79	--		--	C,H	D	
80	--		--	C,E, --	S	
81	--		--	C,E, 1 2	P	Screen from 98 to 108 feet. Supplies Klein School.
82	--		--	A,G, --	D	Screen from 90 to 105 feet.
83	24.7		Mar. 27, 1941	C,E, --	D,S	
Water level						
89	--		--	C,G, --	D,S	Screen from 99 to 105 feet.
90	--		--	T,E, 2	D,S	Screen from 116 to 136 feet.
92	22.8		June 1, 1931	B,H	D,S	Dug well.
93	+		--	Flows	P,RR	Estimated flow 50 gallons a minute in 1931. Supplies locomotives and city of Spring. Temperature 82° F. See log.
95	19.0		Jan. 22, 1942	None	N	Dug well.
96	--		--	C,H	D,S	
97	7.9		Jan. 22, 1942	None	N	Test well used for water level measurements.
98	--		--	C,E, 5	D,S	
99	24.3		Sept. 28, 1932	A,G, 15	Irr	Screens at 174-204 and 516-556 feet.
101	24.4		Mar. 27, 1931	C,G, --	D,S	Casing: 40 feet of 4-inch, 92 feet of 3-inch and 10 feet of 2-inch. Screen from 132 to 142 feet.
102	10.2		Mar. 27, 1931	None	N	Dug well.
	10.4		Feb. 26, 1941			
103	18.4		Nov. 9, 1931	C,E, --	D,S	Measured depth 29 feet.
	21.3		Oct. 4, 1940			
104	--		--	C,E, --	D,S	
105	18.7		Nov. 18, 1931	C,H	D,S	Dug well.
106	14.0		Nov. 9, 1931	C,H	D,S	Do.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
131	10 $\frac{1}{2}$ miles northeast	C. E. House	J. H. Bennett	1914	92	4	--
132	do.	do.	I. W. Lawson	1905	139	28,10	1.5
134	7 $\frac{1}{4}$ miles north	Ira Southard	Ira Southard	1931	274	24,10	0 1.0
135	do.	do.	do.	1920	85	4	1.0
136	6 $\frac{1}{2}$ miles north	J. Freeman	J. Freeman	1925	138	24,10	0.5
137	7 miles northeast	W. E. Freeman	Layne-Texas Co.	1928	207	24,12	1.5
138	7 $\frac{1}{4}$ miles northeast	do.	I. W. Lawson	1909	137	24, 11-5/8	--
139	7 $\frac{1}{2}$ miles northeast	Oscar Kemp	J. H. Bennett	1927	134	24,12	1.0
140	do.	do.	Layne-Texas Co.	1931	359	18,12	1.0
141	7 $\frac{1}{4}$ miles north	Ira Southard	Ira Southard	1935?	270+	18,10	0.5
142	9 miles northeast	J. Freeman	Delta-Shurwell, Inc.	1937	528	24,12, 8	0.5
143	9 $\frac{1}{2}$ miles northeast	F. L. Rogers	Ira Southard	1939	570	20,12	1.5
144	8 miles northeast	F. L. Rogers and Oscar Kemp	Layne-Texas Co.	1937	434	18-5/8, 13	0
145	8 $\frac{1}{2}$ miles northeast	C. E. Freeman	do.	1936	255	24,16	0
146	6 miles northeast	E. W. Peek	Ira Southard	1937	260	16,14	2.3
147	do.	do.	--	Old	74	4	0.5
148	6 $\frac{3}{4}$ miles north	J. Freeman	Delta-Shurwell, Inc.	1941	284	24,10 $\frac{3}{4}$	--
149	8 miles north	G. P. Nelson	--	--	106	4	2.5
150	5 miles north	Miss -- Frazier	I. W. Lawson	1929	100+	4	--
154	7 $\frac{1}{2}$ miles north	M. L. Longenbaugh	H. J. Longenbaugh	1938	350	20,14	1.0

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
131	--	--	C,W	D,S	
132	23.3	Oct. 28, 1931	None	N	Casing: 62 feet of 28-inch and 77 feet of 9-5/8-inch. Formerly used for rice irrigation.
134	d/32	Feb. 1931	None	N	Casing: 80 feet of 24-inch and 194 feet of 10-inch. Slotted casing: 115 feet. Formerly used for rice irrigation. Owner's No. 1.
	51.1	Jan. 21, 1942			
135	57.3	May 23, 1941	C,W	D,S	
136	36.3	Mar. 24, 1931	None	N	Irrigated 200 acres of rice in 1940. Owner's No. 1.
	51.3	Jan. 20, 1942			
137	47.5	Jan. 21, 1942	T,E, 50	Irr	Casing: 80 feet of 24-inch and 127 feet of 12-inch. Irrigated 300 acres of rice in 1941.
138	--	--	None	N	Casing: 64 feet of 24-inch and 73 feet of 11-5/8-inch. Screen from 69 to 127 feet. Irrigated 160 acres of rice in 1939. Owner's No. 2.
139	47.0	Jan. 15, 1942	None	N	Casing: 70 feet of 24-inch and 64 feet of 12-inch. Formerly used for irrigating rice. Owner's No. 1.
140	46.7	do.	T,E, 30	Irr	Casing: 121 feet of 13-inch and 238 feet of 12-inch. Irrigated 115 acres of rice in 1941. Owner's No. 1.
141	50.3	Jan. 21, 1942	T,E, --	Irr	Estimated yield about 500 gallons a minute in 1940. Used for irrigating rice. Owner's No. 2.
142	38.1	Jan. 15, 1942	T,E, 50	Irr	Casing: 90 feet of 24-inch, 200 feet of 12-inch and 238 feet of 8-inch. Irrigated 300 acres of rice in 1940. Owner's No. 3.
143	35.0	Jan. 21, 1942	T,D, 65	Irr	Yield 2,300 gallons a minute when drilled. Irrigated 300 acres of rice in 1941. Owner's No. 1.
144	41.5	do.	T,E, --	Irr	Casing slotted from 104 to 135, 137 to 198, 220 to 240 and 320 to 420 feet. Measured yield 1,535 gallons a minute in 1940. Irrigated 300 acres of rice in 1941.
145	33.4	do.	T,E, 50	Irr	Casing slotted from 66 to 91 and 115 to 157 feet. Irrigated 275 acres of rice in 1941.
146	49.0	Jan. 15, 1942	T,E, 40	Irr	Slotted casing: 150 feet. Measured yield 1,010 gallons a minute in 1940. Irrigated 250 acres of rice in 1941.
147	46.1	May 28, 1941	None	N	Measured depth 63 feet. Owner's No. 3.
148	--	--	T,E, 40	Irr	Casing: 97 feet of 24-inch; 187 feet of 10-1/2-inch; slotted opposite all sands below 75 feet. Used for irrigating rice in 1941. Owner's No. 3.
149	47.2	Aug. 15, 1940	C,W	S	Measured depth 63 feet.
150	--	--	C,W	D,S	
154	53.2	Jan. 15, 1942	T,E, 50	Irr	Casing: 140 feet of 20-inch, 210 feet of 14-inch and 180 feet of slotted casing. Yield 1,700 gallons a minute when drilled. Irrigated 290 acres of rice in 1941.

Records of wells in Houston District, Harris County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
155	7 $\frac{1}{4}$ miles northwest	E. B. Longenbaugh	Layne-Texas Co.	1934	514	21,12	0.5
156	8 $\frac{1}{2}$ miles north	G. P. Nelson	Delta-Shurwell, Inc.	1937	471	16,12	0
157	10 miles northeast	H. J. Longenbaugh	H. J. Longenbaugh	1939	532	20,10, 8	1.5
158	9 $\frac{3}{4}$ miles north	do.	Delta-Shurwell, Inc.	1938	805	20,12, 8	--
159	11 $\frac{3}{4}$ miles northeast	G. E. Longenbaugh	H. J. Longenbaugh	1938	500	22,12	1.0
Well No.	Distance from Cypress	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
160	2 $\frac{3}{4}$ miles northwest	Ben Pugh	H. J. Longenbaugh	1938	499	22,14	1.0
165	1 mile northeast	P. H. Skinner	--	--	1,717	6	0
166	1 $\frac{1}{2}$ miles northwest	E. C. Smith	--	1931	21	2	0.6
167	1 $\frac{3}{4}$ miles northwest	do.	Layne-Texas Co.	1928	158	6	2.0
169	1 $\frac{1}{4}$ miles northwest	Southern Pacific Co.	--	--	400	8	1.0
170	In Cypress	E. H. Juergen	J. H. Bennett	1915	102	4	--
171	do.	do.	--	--	72	3	2.0
173	1 $\frac{1}{2}$ miles southeast	Hot Wells Health Resort	--	1931	110	4	1.0
174	do.	do.	Layne-Bowler Co.	1907	2,830	--	0
177	5 miles southeast	K. P. Black	J. H. Black	1929	65	3	1.2
178	do.	do.	--	Old	40	3	0.3

Well No.	Water level	Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/				
155	48.2	Jan. 21, 1942	T,E, 75	Irr	Casing: 120 feet of 24-inch, 394 feet of 12-inch; slotted from 100 to 120, 178 to 197, 318 to 341, 392 to 432, and 470 to 509 feet. Yield 1,900 gallons a minute in 1940. Irrigated 360
156	43.5	do.	T,E, 60	Irr	Casing: 213 acres of rice in 1941. See log. feet of 16-inch and 258 feet of 12-inch; slotted from 68 to 133, 178 to 211, 254 to 276, 387 to 429 and 445 to 464 feet. Measured yield 1,420 gallons a minute in 1940. Irrigated 380 acres of rice in 1940. Owner's No. 1.
157	36.3	Oct. 29, 1941	T,D, --	Irr	Slotted casing: 285 feet. Yield 2,400 gallons a minute when drilled. Irrigated 420 acres of
158	--	--	T,D, 80	Irr	Slotted casing: rice in 1940. Owner's No. 2. 300 feet. Yield 2,050 gallons a minute when drilled. Irrigated 415 acres of rice in 1940.
159	20.8	Jan. 21, 1942	T,E, 50	Irr	Slotted casing: 300 feet. Owner's No. 1. Yield 2,000 gallons a minute when drilled. Irrigated 290 acres of rice in 1941.
	Water level				Remarks
160	11.0	Jan. 23, 1942	T,E, 75	Irr	Casing: 150 feet of 22-inch and 349 feet of 14-inch; slotted opposite all sands below 75 feet. Measured yield 2,580 gallons a minute in 1940. Irrigated 400 acres of rice in 1941.
165	+	Apr. 4, 1931	Flows	S	Oil test. Flow in 1931 about 1 gallon a minute with gas.
166	2.5	Dec. 19, 1941	None	N	Test well used for water level observations.
167	10.3	do.	C,W	S	Screen from 134 to 158 feet.
169	18.8	May 23, 1941	T,E, --	RR	Dug to 35 feet, 8-inch drilled hole from 35 feet to bottom. Supplies locomotives.
170	--	--	C,G, 6	D,S	
171	9.4	Jan. 21, 1942	None	N	
173	5.7	Apr. 3, 1931	C,E, 1	D,S	Owner's No. 1.
	9.2	May 10, 1938			
174	+	Apr. 3, 1931	Flows	P	Estimated flow 50 gallons a minute in 1931. Supplies water for hot baths. Owner's No. 2.
177	2.9	do.	C,E, --	D,S	Cased to 40 feet. Temperature 104° F.
178	2.5	Jan. 21, 1942	None	N	

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
182	11½ miles northeast	Joel Schmidt	Joel Schmidt	1930	239	24,-	3.5
183	10¾ miles northeast	M. O. Lowery	-- Linley	1926	284	24,8	0
186	9¾ miles northeast	T. B. Tucker	Layne-Texas Co.	1931	628	18,12½ 10,8	0
187	11¼ miles northeast	J. Schmidt	--	Old	32	4	2.3
188	do.	M. O. Lowery	Delta-Shurwell, Inc.	1941	308	18-5/8, 13	0
Well No.	Distance from Cypress	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
189	3¾ miles northwest	Ridgeview Land Co.	--	--	94	4	1.7
190	2¾ miles northwest	Ben Pugh	--	--	125	4	--
191	2 miles north	A. H. Kalbow	H. Tanner	1920	73	4,2	--
192	1¼ miles southeast	Hot Wells Health Resort	McMasters & Pomeroy	1938	729	12	--
193	3 miles southeast	Julius Lieder	B. E. Petry	1940	85	4	--
194	3¼ miles southeast	Harris County	do.	1938	169	4	--
195	do.	do.	J. H. Bennett	1936	250	6	--
196	6½ miles southeast	Humble Pipe Line Co.	Layne-Texas Co.	1940	333	6,4	0.7
197	7 miles southeast	L. M. Sanders	do.	1939	132	4½	0
198	9 miles southeast	F & M Jersey Ranch	A. E. Fawcett, Sr.	1940	119	6	--
199	do.	do.	Robert Lowery	1941	95	4	--
202	6 miles southeast	R. H. Richards	H. Tanner	1928	48	6	1.5
204	6¼ miles southeast	Humble Pipe Line Co.	--	Old	100	6	--
205	do.	do.	--	Old	625	6	1.0

Well No.	Water level		Date of measurement	Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	level				
182	30.5	Jan. 21, 1942	T, D,	80	Irr	Irrigated 135 acres of rice in 1941.
183	24.0	Mar. 12, 1931	None		N	Irrigated 160 acres of rice in 1940. Owner's No. 1.
	28.6	Jan. 21, 1942				
186	20.6	Mar. 12, 1931	T, E,	75	Irr	Casing slotted from 100 to 140, 142 to 163, 175 to 195, 207 to 223, 277 to 282, 218 to 328, 418 to 448 and 531 to 619 feet. Measured yield 2,025 gallons a minute in 1940. Irrigated 460 acres of rice in 1940. Owner's No. 3.
	29.8	Jan. 15, 1942				
187	23.5	Dec. 18, 1941	C, H		N	
188 d/	32	Apr. 2, 1941	T, E,	60	Irr	Casing: 130 feet of 12-5/8-inch and 178 feet of 13-inch; 206 feet slotted. Irrigated 400 acres of rice in 1941. Owner's No. 2.
189	34.8	Apr. 3, 1940	C, W		S	
190	--	--	C, H		D, S	
191	--	--	C, E,	--	D, S	
192	--	--	T, E,	50	P	Yield 1,000 gallons a minute when drilled. Supplies swimming pool. Owner's No. 3.
193	--	--	C, H		D, S	Screen from 79 to 85 feet.
194	--	--	C, G,	--	P	Screen from 163 to 169 feet. Supplies new Cypress High School.
195	--	--	C, E,	--	P	Screen from 242 to 250 feet. Supplies old Cypress High School.
196 d/	31.5	Mar. 1, 1940	T, E,	20	Ind	Casing: 201 feet of 6-inch and 132 feet of 4-inch. Screen at 200-222, 242-263 and 283-307 feet. Yield 165 gallons a minute when drilled.
197 d/	32	Aug. 23, 1939	J, E,	24	D, S	Screen from 116 to 126 feet. Owner's No. 3. Yield 12 gallons a minute when drilled.
198	--	--	J, E,	2	D, S	Screen from 104 to 119 feet. Owner's No. 1.
199	--	--	J, E,	2	D, S	Owner's No. 2.
202	9.4	May 19, 1931	C, W		D, S	
204	--	--	None		N	Owner's No. 1.
205	23.9	Apr. 2, 1931	None		N	Owner's No. 2.
	34.7	Jan. 21, 1942				

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Cypress	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
206	6½ miles southeast	R. B. Tucker	Layne-Bowler Co.	Old	450+	24,-	0
210	7½ miles southeast	--	--	Old	67	4	1.0
212	8 miles southeast	H. & T. C. R.R.	H. Tanner	1924	56	6	--
217	7¼ miles east	H. I. Mooney	H. I. Mooney	1928	40	6	0.3
219	8 miles east	Tom Franklin	Tom Franklin	1926	19	18	--
220	8¼ miles east	Mrs. L. Hargrove	--	1931	28	3½	--
221	10¼ miles east	S. Terpstra	H. L. Wilson	1929	208	4	0.4
222	10½ miles southeast	do.	do.	1928	194	3	--
223	10¼ miles southeast	G. Terpstra	do.	1930	238	4	--
224	12¼ miles southeast	Ed Schoenfield	H. Tanner	--	65	3	--
225	11½ miles southeast	Burlington-Rock Island R.R.	McMaster & Pomeroy	1923	616	10,8	0
226	6 miles east	Frazer & Lapham	Delta-Shurwell, Inc.	1940	740	20,10	1.5
227	5¼ miles southeast	E. S. Hamilton	Layne-Texas Co.	1937	565	24,12¾, 8-5/8	1.0
228	6¼ miles southeast	do.	do.	1935	286	24,12	0
Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
232	9 miles northwest	A. Wilke	-- Ruth	1935	50	2	1.2
233	5¼ miles northeast	Dodson's Lake	Layne-Texas Co.	1936	518	8,6	0

Well No.	Water level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	level				
206	25.7		Jan. 23, 1942	C,G,W	D,S	Formerly used for rice irrigation.
210	11.4		Apr. 2, 1931	None	N	
	17.6		Jan. 23, 1942			
212				C,W,H	RR	
217	5.5		Mar. 28, 1931	C,H	D,S	
219	--		--	C,H	D,S	
220	--		--	C,H	D,S	
221	34.0		Jan. 22, 1942	None	N	Screen from 186 to 208 feet.
222	--		--	C,W	D,S	
223	--		--	C,G, 3	D,S	Deepened from 94 to 238 feet in 1932.
224	--		--	C,H	D,S	
225	35.6		Jan. 22, 1942	C,D, --	RR	Casing: 576 feet of 10-inch; 40 feet of 8-inch. Screen from 576 to 616 feet. See log.
226	32.5		May 23, 1941	T,D, 60	Irr	Casing: 142 feet of 20-inch and 598 feet of 10-inch; slotted at 104-119, 132-140, 148-169, 185-205, 221-231, 238-245, 265-302, 326-350, 445-485, 525-540, 580-603, 630-652, 659-718, and 724-734 feet. Yield 2,900 gallons a minute when drilled. Irrigated 400 acres of rice in Casing: 127 feet of 24-inch; 1941. See log. 163 feet of 12-3/8-inch, 258 feet of 8-5/8-inch. Screen at 146-186, and 249-289 feet. Casing slotted at 95-115, 228-249, 470-509, and 525-542 feet. Gravel-walled. Yield 1,970 gallons a minute when drilled. Irrigated 300 acres of rice in 1941. Owner's Screens at 90-100, 102-143, No. 2. See log. 155-174, 183-205, and 264-286 feet. Yield 1,800 gallons a minute when drilled. Irrigated 300 acres in 1941. Owner's No. 1.
227	27.2		Jan. 15, 1942	T,D, 80	Irr	
228	28.5		Sept. 18, 1935	T,D, 60	Irr	
232	8.0		Jan. 22, 1942	C,E, --	D,S	
233	56		Apr. 4, 1936	T,E, 20	P	Casing: 426 feet of 8-inch and 92 feet of 6-inch. Screen from 462 to 515 feet. Supplies swimming pool.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
234	6½ miles north	H. C. Meyers	A. B. Kelly, et al	--	2,266+	6	3.0
235	7 miles north	Gayhart Galny	--	1935?	600	6	1.8
236	do.	do.	--	1935?	--	15,10	0.5
237	7¼ miles north	C. R. Follett	N. J. Swinehart	1939	49	2	--
238	7¾ miles north	I. Ilo	Layne-Texas Co.	1934	403	6,4	--
239	12½ miles northwest	Warren Petroleum Co.	--	1940	250	6	--
240	do.	do.	--	1940	250	6	--
244	12¼ miles northwest	J. W. White	H. Klores	1929	44	3	--
246	12 miles northwest	S. H. Hilderbranna	--	--	48	4	--
247	11½ miles northwest	W. H. Wood	Geo. Walker	--	54+	4	--
248	10¾ miles northwest	E. E. Radenz	E. E. Radenz	--	45+	4	--
250	11½ miles northwest	A. Swanke	--	--	33	3	--
252	9½ miles northwest	Joe Polk	--	--	80	4	--
255	13¾ miles northwest	J. M. Blake	--	--	41	60	2.0
256	do.	do.	H. L. Wilson	1927	189	6,4	1.0
257	14½ miles northwest	M. C. Oldham	--	1927	80	6	--

Well No.	Distance from Humble	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
259	10½ miles west	O. J. Spears	--	1930	35	--	--
260	11 miles west	Steve Pamuk	-- Hardy	1923	112	6	--
261	11¾ miles west	N. O. Alford	H. L. Wilson	--	200+	5	--

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
234	0.2	Nov. 9, 1938	None	N	Oil test.
235	59.4	June 10, 1939	None	N	Supplied water for oil tests.
236	58.0	do.	None	N	Oil test.
237	--	--	C,H	D	Cased to 46 feet.
238	--	--	T,E, 8	D,S	Screen from 360 to 402 feet. Yield 125 gallons a minute when drilled.
239	--	--	Ng	D,Ind	
240	--	--	Ng	D,Ind	
244	--	--	C,H	D,S	
246	--	--	C,H	D,S	
247	--	--	C,H	D,S	
248	--	--	C,W	D,S	
250	--	--	C,H	D,S	
252	--	--	C,H	D	
255	10.8	Dec. 16, 1941	C,W	D,S	Dug well.
256	26.5	Mar. 27, 1931	None	N	Screen from 149 to 189 feet.
	38.3	Aug. 20, 1940			
257	--	--	C,G, 1 $\frac{1}{2}$	D,S	
Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
259	--	--	C,H	D,S	
260	--	--	C,H,G, --	D,S	
261	--	--	C,E, $\frac{1}{4}$	D,S	

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Humble	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
262	10 miles west	John Williamson	John Logan	1927	174	6	--
263	8 miles west	O. D. Heath	O. D. Heath	--	45	6,3	1.0
264	do.	H. Weary	P. S. Griffith	Old	1,610	6	1.0 0 0
265	8½ miles southwest	do.	--	Old	1,700+	4	0
266	9½ miles southwest	M. C. Oldham	--	1927	80	6,4	--
268	In Westfield	City of Houston	Core Drilling Co.	1939	793	3½	4.5
269	do.	do.	do.	1939	1,049	3½	0
270	7 miles northwest	W. M. McGill	J. Petrosky	1937	54	2	--
271	6 miles northwest	T. A. Johnson	E. Middlestead	1937	156	3,2	--
280	9 miles southeast	Pan-American Pipe Line Co.	McMasters & Pomeroy	1940	390	6	0
281	6¼ miles west	M. P. Hodges	M. P. Hodges	1931	27	6	0
Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
282	10½ miles northeast	L. M. Breno	L. M. Breno	1929	38+	2	0
284	9¼ miles northeast	H. Ritter	H. Ritter	--	50	6	0
285	9½ miles northeast	Orange Grove Subdivision	McMasters & Pomeroy	1936	387	6,4	0
286	10 miles northeast	Jack Frazier Drilling Co.	A. E. Fawcett, Sr.	1940	250	4	0
287	10¼ miles northeast	do.	do.	1941	355	4	0
288	9½ miles northeast	Harris County	--	1936	250+	4	--

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.)	g/				
262	--	--	--	C,W	D,S	
263	7.1		June 1, 1931	C,W	D,S	
264	3.0		May 29, 1931	None	N	Oil test. Measured depth 1,130 feet. Screen at 900'. Flowed until 1930.
	21.0		June 3, 1936			
	40.9		June 28, 1940			
265	1.0		May 29, 1931	None	N	Oil test.
	1.0		Dec. 5, 1940			
266	--	--	--	C,W	D,S	Casing: 40 feet of 6-inch and 40 feet of 4-inch.
268	28.0		Aug. 31, 1939	None	N	Screen from 757 to 772 feet. Owner's test well No. 10-A.
	30.1		Aug. 15, 1941			
269 +	22.6		May 31, 1939	Flows	D,S	Screen from 1,037 to 1,052 feet. Flows 15 gallons a minute. Owner's test well No. 7.
270	--	--	--	C,H	D,S	
271	--	--	--	C,G, $\frac{1}{2}$	D,S	Screen from 148 to 156 feet.
280	61		Nov. 29, 1940	T,E, 3	D,Ind	Screen from 361 to 382 feet. Yield 120 gallons a minute when drilled.
	5.7		May 29, 1931	None	N	
Water Level						
Well No.	Below measuring point (ft.)	g/	Date of measurement	Method of lift	Use of water	Remarks
				b/	c/	
282	5.37		May 28, 1931	C,H	D,S	
284	16		1930	C,H	D,S	
285	42		1936	T,E, --	P	Screen from 265 to 387 feet. Yield 100 gallons a minute with drawdown of 33 feet when drilled.
286	51		July 1940	NG	0	Screen from 230 to 250 feet. Supplies oil tests.
287	56		May 1941	NG	0	Screen from 335 to 355 feet. Supplies oil tests.
288	--	--	--	C,E, 1	P	Supplies Walter G. Smiley School.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Humble	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
289	7 $\frac{1}{4}$ miles southwest	Harris County	McMasters & Pomeroy	1940	214	6,4	0
290	4 $\frac{3}{4}$ miles southwest	J. C. Townes	A. E. Fawcett, Sr.	1929	296	4	--
291	4 $\frac{1}{8}$ miles south	A. T. McDannald	do.	1931	1,308	4	0
292	3 $\frac{1}{2}$ miles southwest	P. C. Cezeaux	P. C. Cezeaux	1940	440	6,4	0
293	2 $\frac{1}{4}$ miles south	W. T. Sutter	M. R. Pretty	1937	130	2	--
294	2 $\frac{1}{4}$ miles southeast	Fred Rudy	Fred Rudy	1937	150	4	0.5
295	In Humble	City of Humble	--	1934	1,140	--	0
296	do.	do.	Texas Water Supply Co.	1941	377	10,6	0
297	do.	do.	--	1934?	740	8-5/8, 6-5/8	0
298	do.	T. W. Horn	T. W. Horn	1916	860	6	0
299	do.	do.	do.	1930	810	6	0
300	2 $\frac{1}{2}$ miles southeast	Humble Oil & Refining Co.	Humble Oil & Refining Co.	1932	648	6	--
301	4 $\frac{3}{4}$ miles southeast	J. H. Powell	Ralph C. Ely, et al.	--	2,108	--	--
302	2 $\frac{1}{2}$ miles southeast	Rebel Oil Co.	Cullen & West	1928	1,000 ⁺	7	2.0
303	2 $\frac{1}{4}$ miles east	Wynn Crosby Drilling Co.	M. R. Pretty	1936	1,134	6	0
304	3 $\frac{1}{4}$ miles northeast	The Texas Co.	The Texas Co.	1928	743	6	0
309	17 miles southeast	D. R. Lang	--	--	90	3	2.0
310	15 $\frac{1}{4}$ miles southeast	do.	T. E. Reidland	1938	276	4	--
311	16 miles southeast	R. Sralla	do.	--	298 ⁺	3	--
312	16 $\frac{1}{2}$ miles southeast	do.	do.	1933	98	3,1 $\frac{1}{2}$	0
313	15 miles southeast	Bud Chapman	J. W. Evans	1940	277	3,2	0
314	11 $\frac{1}{2}$ miles southeast	Mrs. J. W. Pate	C. E. Pate	1938	218	2	--

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.)	a/				
289	40		Aug. 22, 1940	T,E, 3	P	Screen from 184 to 214 feet. Yield 150 gallons a minute with drawdown of 40 feet when drilled.
290	---		---	C,E, 1	D,S	Screen from 276 to Supplies Aldine School. 296 feet.
291	15		1931	A,E, 1	D,S	Screen from 1,266 to 1,308 feet. Yield 150 gallons a minute when drilled.
292	60		1940	C,T, 1	D,S	Casing: 300 feet of 6-inch and 140 feet of 4-inch. Screen from 420 to 440 feet.
293	---		---	C,E, --	Irr	Supplies Rosewood Cemetery.
294	2.9		Mar. 14, 1939	C,H	D,S	
295	+		1934	Flows T,E, 15	P	Screen from 1,085 to 1,140 feet. Flow about 20 gallons a minute in 1941. Pumped 140 gallons a minute in 1941. Owner's No. 1.
296	48		Sept. 1941	T,E, 15	P	Screen from 317 to 377 feet. Yield 400 gallons a minute when drilled. Owner's No. 3.
297	31		May 21, 1938	T,E, 15	P	Liner installed, and screen set at 630-650 and 710-740 feet by Layne-Texas Company in 1938. Yield 240 gallons a minute. in 1941.
298	+		Jan. 1942	Flows	O	Produced oil and salt water until 1933, when until 1918, when leak developed in casing at about 625 feet. Since 1918 has flowed fresh water with some gas. Owner's No. 2.
299	+		do.	Flows	O	Produced oil and salt water until 1933, when leak developed in casing between 500 and 600 feet. Since 1933 has flowed fresh water with water with some gas. Owner's No. 2.
300	---		---	T,E, 3	Ind	Supplied oil tests. some gas. Owner's No. 2. Water has sulphur taste.
301	---		---	None	N	Oil test. See log.
302	37.9		Sept. 1, 1939	A,E, --	O	Converted oil well.
303	+		Sept. 4, 1940	Flows	O	Converted oil well. Casing perforated and screen set from 1,114 to 1,134 feet. Flow in 1936 about 25 gallons a minute with some gas.
304	+		Oct. 15, 1941	Flows T,E,5	O	Converted oil well. Casing perforated and screen set from 721 to 745 feet. Supplies
309	7.2		June 27, 1939	C,H	S	Humble camp and oil tests.
310	---		---	C,W	D,S	Screen from 246 to 276 feet.
311	---		---	C,E, --	D,S	
312	20		1933	C,H	D,S	Casing: 24 feet of 3-inch and 74 feet of 1 1/2-inch. Screen from 91 to 98 feet.
313	62		1940	C,E, 2	D,S	Screen from 271 to 276 feet.
314	---		---	A,G, --	D,S	Screen from 212 to 218 feet.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Humble	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
315	11 $\frac{1}{4}$ miles southeast	H. P. Guinn	A. E. Fawcett, Sr.	1931	227	2	--
316	11 $\frac{1}{2}$ miles southeast	do.	do.	1931	227	2	--
317	13 $\frac{1}{4}$ miles southeast	T. E. Reidland	T. E. Reidland	1923	220	3,1 $\frac{1}{2}$	--
318	In Crosby	Crosby Water Works	do.	1937	226	6,4,3	0
319	do.	do.	do.	1937	226	6,4,3	0
320	12 $\frac{1}{2}$ miles southeast	J. J. Oberpriller	do.	1941	225	3,1 $\frac{1}{2}$	--
325	13 $\frac{3}{4}$ miles southeast	Highway Cafe	do.	1931	276	3,1 $\frac{1}{2}$	--
326	14 miles southeast	Gulf Pipe Line Co.	Layne-Bowler Co.	1916	533	6	1.0
327	13 $\frac{3}{4}$ miles southeast	J. A. Jager	T. E. Reidland	1930	240	3,1 $\frac{1}{2}$	0
328	do.	J. Bennett	do.	1931	86+	2	--
329	15 $\frac{1}{4}$ miles east	Sam Sampson	Sam Sampson	1928	25	36	0
331	8 $\frac{1}{4}$ miles east	Unknown	--	--	--	6	1.5
332	9 $\frac{3}{4}$ miles east	Mrs. Howard Dunks	T. E. Reidland	1930	176	3,1 $\frac{1}{2}$	--
333	10 $\frac{1}{2}$ miles northeast	E. M. Dunks	do.	1923	175	4,2,1 $\frac{1}{2}$	--
334	10 $\frac{1}{4}$ miles northeast	do.	do.	1923	165	4,2,1 $\frac{1}{2}$	--
335	10 $\frac{1}{2}$ miles northeast	do.	do.	1923	125	3,2,1 $\frac{1}{2}$	--
336	10 $\frac{3}{4}$ miles northeast	Sinclair Refining Co.	--	1922	530	10	--
Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
337	6 $\frac{3}{4}$ miles east	A. S. Crutcher	T. J. Petrosky	1940	71	6	2.0
338	6 $\frac{1}{2}$ miles east	do.	--	1939	116	3	0.5
339	do.	do.	A. E. Fawcett, Sr.	1934	103	3	0
340	4 $\frac{1}{2}$ miles east	R. Hoffpauir	J. H. Bennett	1937	141	4	--
341	2 $\frac{3}{4}$ miles east	W. H. Dial	do.	1940	139	4	0.5
342	2 miles east	Mrs. Rose B. Ernstes	--	Old	142	4,3	--

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
315	--	--	C,H, G, $1\frac{1}{2}$	D,S	Screen from 220 to 227 feet.
316	--	--	C,H, G,-	P	Screen from 220 to 227 feet. Supplies Magnolia Gardens.
317	--	--	C,E, $\frac{1}{2}$	D	Screen from 210 to 220 feet.
318	d/ 53	1941	C,G, E,10	P	Screen from 206 to 226 feet. Supplies City of Crosby.
319	d/ 53	1941	C,G, E,10	P	Do.
320	--	--	J,E, $\frac{3}{4}$	D	Screen from 217 to 225 feet.
325	--	--	C,E, $\frac{1}{2}$	D,P	Screen from 266 to 276 feet.
326	22.9	Oct. 29, 1931	C,W	D,S	Screen from 463 to 523 feet. See log.
327	12.7	do.	C,E, $\frac{1}{2}$	D,S	Screen from 230 to 240 feet.
328	--	--	A,G, 2	D,S	
329	12.8	Oct. 30, 1931	B,H	D,S	Dug well.
331	2.8	Sept. 3, 1941	None	N	Black Cat oil test. Flowed $\frac{1}{2}$ gallon a minute in February 1939.
332	--	--	C,W	D,S	Screen from 166 to 176 feet.
333	--	--	C,W	S	Screen from 165 to 175 feet.
334	--	--	J,E, $\frac{1}{3}$	D	Screen from 155 to 165 feet.
335	--	--	C,H	D,S	Screen from 115 to 125 feet.
336	--	--	Cf,E, 3	D,Ind	Screen at bottom. Formerly flowed. Supplies pipe line station and camp.

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
337	31.3	May 26, 1941	C,W	S	
338	29.8	do.	C,H	N	Screen from 96 to 116 feet.
339	28.8	do.	None	N	Screen from 83 to 103 feet.
340	--	--	J,E, --	D,S	Screen from 126 to 141 feet.
341	55.0	May 26, 1941	J,E, $\frac{3}{4}$	D,S	
342	--	--	C,G,W	D,S	Casing: 70 feet of 4-inch and 62 feet of 3-inch.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
343	In Katy	R. Robertson	--	--	111	4	0.5
344	3 miles northeast	C. E. Morton	Charles Peck	1941	140	4	0
345	2½ miles northeast	J. T. Martin	J. H. Bennett	1920	101	3	--
346	2 miles north	T. D. Tucker	do.	Old	97	3	1.0
348	4½ miles northeast	P. V. Cook	Delta-Shurwell, Inc.	1940	269	18, 12¾	--
349	3 miles northeast	C. E. Morton	do.	1937	298	12	--
350	5¾ miles northeast	W. C. Stockdick	do.	1940	659	20, 12¾, 10¾	--
352	5½ miles north	A. E. Thompson	I. W. Lawson	1909	470	24, 11-5/8, 8¼	0
353	5¼ miles north	do.	do.	1905	1,602	6	0
354	5 miles north	do.	Layne-Bowler Co.	1906	442	9-5/8	--
356	4 miles north	Dewey Peek	do.	1910	152	24, 9-5/8	2.5
357	4½ miles northeast	P. V. Cook	J. H. Bennett	--	--	30,-	1.5
360	4½ miles northeast	E. G. Stockdick	E. G. Stockdick	1907	180	72, 26, 24, 12, 9-5/8, 7	--
361	6½ miles northeast	Acme Planting & Developing Co.	A. T. Jones	1929	368	12	0
362	4 miles northeast	E. G. Stockdick	--	1930	500	24, 12½	1.0
363	3¼ miles northeast	C. E. Morton	I. W. Lawson	1930	188	18, 12	0.4
364	1½ miles northeast	John Cope	Lawson & Hardin	1925	789	24, 12	0.1
365	In Katy	M. K. & T. R.R.	--	1900	202	120, 6	--
366	1½ miles southeast	H. C. Lamb	--	--	180	12	0.5

Well No.	Water level	Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/				
343	57.1	May 28, 1941	C,W	D	
344	d/ 38	1941	J,E, $\frac{3}{4}$	D,S	Screen from 130 to 140 feet.
345	--	--	C,H	D,S	
346	57.9	May 28, 1941	C,--	N	
348	--	--	T,D, 80	Irr	Casing slotted from 78 to 104, 107 to 114, 128 to 212 and 220 to 267 feet. Irrigated 285 acres
349	--	--	T,E, 40	Irr	Measured of rice in 1941. Owner's No. 5, yield 980 gallons a minute in 1940. Irrigated
350	--	--	T,E, 50	Irr	Casing: 131 feet 175 acres of rice in 1941. of 20-inch, 367 feet of 12 $\frac{3}{4}$ -inch, and 161 feet of 10 $\frac{1}{2}$ -inch; slotted from 88 to 102, 145 to 183, 193 to 207, 216 to 224, 230 to 295, 308 to 340, 348 to 369, 446 to 468, 488 to 496 and 509 to 529 feet. Yield 2,000 gallons a minute when drilled. Irrigated 360 acres of rice in 1941.
352	54.4	Jan. 15, 1942	T,E, 35	Irr	Casing: 68 feet of 24-inch; 126 feet of 11-5/8-inch; 256 feet of 8 $\frac{1}{4}$ -inch. See log. Screen at 68-130 and 392-450 feet. Irrigated
353	+	Jan. 5, 1939	Flows	N	Screen at 753-796, 120 acres of rice in 1941. 834-853, 984-1,028, 1,193-1,217, 1,237-1,259 and 1,364-1,385 feet. Estimated flow $\frac{1}{4}$ gallon
354	--	--	None	N	Screen from a minute in 1939. See log. 402 to 442 feet. Formerly used for rice irri-
356	53.4	Aug. 17, 1932	T,G, --	Irr	Casing: 50 feet of 24-inch and 102 feet of 9-5/8-inch. Estimated yield 700 gallons a minute in 1940. Irrigated 190 acres of rice
357	35.6	Mar. 24, 1931	None	N	Irrigated 230 acres of rice in 1939. Owner's No. 2.
360	--	--	T,E, 20	Irr	Irrigated 75 acres of rice in 1941. Owner's No. 1.
361	29.2	Mar. 12, 1931	T,E, 50	Irr	Irrigated 275 acres of rice in 1941.
362	32.8	Mar. 12, 1931	T,E, 40	Irr	Measured yield 1,160 gallons a minute in 1940. Irrigated 205 acres of rice in 1941. Owner's No. 2.
363	44.0	Jan. 15, 1942	T,E, 20	Irr	Casing: 90 feet of 18-inch and 98 feet of 12-inch. Irrigated 80 acres of rice in 1941.
364	50.9	Jan. 20, 1942	T,E, 75	Irr	Casing: 90 feet of 24-inch Owner's No. 1. and 699 feet of 12-inch. Measured yield 840 gallons a minute in 1940. Irrigated 250 acres
365	--	--	C,E, 5	RR	Dug to 55 feet; two 6-inch wells drilled in bottom to depths of 162 and
366	37.2	Mar. 12, 1931	None	N	Formerly used for rice irrigation. 202 feet.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
367	3½ miles east	W. C. Hickman	Layne-Texas Co.	1930	535	16,10	0 1.5
369	3 miles east	J. M. Johnson	do.	1929	110	4,3	0
370	3½ miles east	do.	do.	1929	609	18,16, 12,10	0
371	3½ miles southeast	L. E. Morrison	I. W. Lawson	1925	374	24,10,8	0.5
372	½ mile southeast	T. B. Tucker	Delta-Shurwell, Inc.	1936	570	12,8	0
373	2½ miles east	J. M. Johnson	do.	1939	608	18,13	0.5
374	3½ miles east	R. Hoffpauir	Layne-Texas Co.	1937	650	20,12	--
375	3¼ miles north	E. W. Peek	Delta-Shurwell, Inc.	1941	275	18-5/8, 10 ⁵	0
376	4 miles northeast	M. D. Freeman	W. E. Freeman	1937	200	16,-	--
377	4½ miles northeast	P. V. Cook	--	--	97	3	1.0
378	6½ miles northeast	C. L. Peek	J. H. Bennett	1937	84	3	--
379	7 miles northeast	W. H. Hegar	--	1940	30	8	0
380	8½ miles northeast	do.	--	--	55+	4	1.0
381	7½ miles northeast	do.	--	--	95	8	2.5
382	6 miles northeast	W. C. Stockdick	--	1919?	185	24,12	0
383	do.	do.	Lawson and Hardin	1925	380	24,10, 6	1.0

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
367	d/ 36	May 1930	T,E, 60	Irr	Casing: 150 feet of 16-inch, 163 feet of 12-inch and 11 feet of 10-inch. Screen at 110-125, 195-232, 318-358 and 377-407 feet. Irrigated 250 acres of rice in 1940.
	44.8	Jan. 15, 1942			
369	d/ 28	Mar. 1, 1929	C,G, --	D,S	Casing: 42 feet of 4-inch and 68 feet of 3-inch. Screen from 104 to 110 feet.
370	36.3	Mar. 12, 1931	None	N	Casing: 120 feet of 18-inch, 44 feet of 16-inch, 176 feet of 12-inch and 269 feet of 10-inch. Screen at 119-129, 177-218, 299-320, 408-418 and 539-600 feet. Irrigated 275 acres of rice in 1939. Owner's No. 1, See log.
	44.0	Feb. 6, 1942			
371	42.2	Jan. 20, 1942	T,E, 50	Irr	Casing: 70 feet of 24-inch, 130 feet of 10-inch and 174 feet of 8-inch. Measured yield 1,230 gallons a minute in 1940. Irrigated 240
372	d/ 47	Jan. 1936	T,E, 40	Irr	Casing: 186 feet of 12-inch and 384 feet of 8-inch; slotted from 106 to 184 feet. Screen at 204-225, 235-245, 265-296, 307-327, 388-403 and 519-563 feet. Irrigated about 200 acres of rice in 1941. Owner's No. 1.
373	49.0	Jan. 22, 1941	T,D, --	Irr	Casing: 142 feet of 18-inch and 476 feet of 13-inch; slotted from 90 to 149, 155 to 177, 187 to 195, 213 to 294, 340 to 361, 388 to 400, 410 to 433, 513 to 532 and 562 to 608 feet. Measured yield 2,100 gallons a minute in 1940. Irrigated 280 acres of rice in 1941. Owner's No. 4.
374	--	--	T,D, 80	Irr	Slotted casing: 240 feet, opposite all sands below 100 feet. Measured yield 1,850 gallons a minute in 1940. Irrigated 400 acres of rice in 1941. Owner's No. 2.
375	d/ 56	Apr. 10, 1941	T,G, 60	Irr	Casing: 128 feet of 18-5/8-inch and 147 feet of 10 ³ / ₄ -inch; slotted opposite all sands below 128 feet. Irrigated 250 acres of rice in 1941. Owner's No. 2.
376	--	--	T,E, 50	Irr	Irrigated 305 acres of rice in 1941.
377	57.4	May 28, 1941	C,W	D,S	
378	--	--	C,E, 1/3	D,S	
379	10.4	May 28, 1941	C,W	D,S	Tile casing.
380	25.4	Jan. 20, 1942	None	N	
381	25.6	Mar. 12, 1931	None	N	
	32.5	Jan. 15, 1942			
382	40.5	Jan. 21, 1942	None	N	Casing: 100 feet of 24-inch and 85 feet of 12-inch. Formerly used for rice irrigation.
383	38.5	Mar. 10, 1939	None	N	Casing: 65 feet of 24-inch, 185 feet of 10-inch and 130 feet of 6-inch. Irrigated 260 acres of rice in 1939. Abandoned in 1940.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
384	5 $\frac{3}{4}$ miles northeast	A. J. Jordens	I. W. Lawson	1930	505	18,12,8,6	1.0
385	do.	do.	Layne-Texas Co.	1931	359	18,12 $\frac{1}{2}$	1.7
386	5 $\frac{3}{4}$ miles east	J. W. Ward	Layne-Bowler Co.	1898	254	24,11-5/8	0
393	8 $\frac{1}{2}$ miles east	-- Paddock	J. A. Matzke	1932	72	3	--
395	7 $\frac{1}{4}$ miles northeast	A. J. Jordens	Chas. Schultz	1917	120	3	--
396	8 miles northeast	H. Speckmaier	do.	1914	94	3	--
399	9 $\frac{3}{4}$ miles northeast	J. I. Brubaker	I. W. Lawson	1906	280	30,11-5/8	2.0
400	11 miles northeast	Henry Schmidt	Schmidt Bros.	1926	258	12,8,6	3.5
401	12 $\frac{1}{4}$ miles northeast	W. H. Grisbee	W. H. Grisbee	1921	45	4	--
402	11 $\frac{1}{4}$ miles northeast	W. M. Druesedow	Chas. Schultz	--	52	4	--
403	10 $\frac{3}{4}$ miles east	O. Beckendorf	O. Beckendorf	--	27	1 $\frac{1}{4}$	--
404	do.	Bear Creek Gun Club	--	--	100+	3	--
406	do.	Harris County	--	--	105	3	0.5

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
407	19 $\frac{1}{4}$ miles west	A. G. George	H. W. Weller	1938	165	4	0.5
408	18 $\frac{1}{2}$ miles west	J. I. Brubaker	J. I. Brubaker	1933	77	2	--
409	16 $\frac{1}{2}$ miles west	Joe Schiller	Joe Schiller	--	184	2	--
410	16 $\frac{3}{4}$ miles west	E. A. Winkelman	--	1918	112+	3	0.5
411	15 $\frac{1}{4}$ miles west	F. H. Liestman	T. J. Petrosky	1934	75	2	2.5
412	13 miles west	S. P. Brown	M. R. Pretty	1939	386	6,4	--

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
384	34.7	Mar. 17, 1933	None	N	Casing: 100 feet of 18-inch, 100 feet of 12-inch, 100 feet of 8-inch and 205 feet of 6-inch. Formerly used for rice irrigation.
	43.5	Jan. 15, 1942			
385	37.4	Mar. 17, 1933	T,D, 60	Irr	Casing: 125 feet of 18-inch and 234 feet of 12 $\frac{1}{2}$ -inch. Screen at 60-80, 160-178, 185-216, 294-314 and 336-356 feet. Gravel-walled. Irrigated 230 acres of rice in 1941.
	42.0	Jan. 15, 1942			
386	37.3	Jan. 19, 1942	C,W	S	Irrigated 150 acres of rice in 1940. Windmill installed in 1941.
393	--	--	C,H	S	
395	--	--	C,W	D,S	
396	--	--	C,W	D,S	
399	32.5	Jan. 15, 1942	T,D, 80	Irr	Casing: 63 feet of 3-inch and 217 feet of 11-5/8-inch. Screen at 79-143, 165-172, 193-193, 234-262 and 269-279 feet. Yield 1,700 gallons a minute in 1940. Irrigated 285 acres
400	26.4	do.	T,G, --	Irr	Casing: 60 feet of 12-inch, 160 feet of 8-inch and 38 feet of 6-inch. Estimated yield 500 gallons a minute in 1940. Irrigated 70 acres of rice in 1941.
401	--	--	C,G, 2 $\frac{1}{2}$	D,S	
402	--	--	C,W	D,S	
403	--	--	C,W	D,S	
404	--	--	C,H	D	
406	16.7	Sept. 3, 1931	C,E, 1/3	P	Supplies Addicks School.
Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
407	27.00	Feb. 13, 1939	C,E, --	D,S	
408	--	--	C,-	D,S	Cased to 71 feet. Small supply.
409	--	--	C,H	D,S	
410	21.0	Feb. 13, 1939	C,H	D,S	Supplies cotton gin.
411	22.2	Feb. 9, 1939	None	N	Cased to 70 feet.
412	--	--	T,E, --	D	Casing: 330 feet of 6-inch and 36 feet of 4-inch. Screen from 330 to 370 feet. Yield 80 gallons a minute when drilled.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
413	14 $\frac{1}{2}$ miles southwest	Walter Krenek	T. J. Petrosky	1938	74	2 $\frac{1}{2}$	0
414	12 $\frac{3}{4}$ miles southwest	J. C. Hastings	J. C. Hastings	1912	80	2	--
415	13 $\frac{1}{2}$ miles southwest	-- Owens	--	--	80+	2	1.8
416	15 miles southwest	Houston Pet Cemetery	--	1938	65	2	0.5
417	13 $\frac{1}{2}$ miles southwest	F. H. Liestman	L. N. Liestman	1919	125	2	0.5
418	12 $\frac{3}{4}$ miles west	Mrs. Nellie E. Rogers	W. F. Schnieder	1915	100	2	3.5
419	12 $\frac{1}{4}$ miles west	do.	Layne-Texas Co.	1913?	100	1 $\frac{1}{4}$	--
420	10 $\frac{3}{4}$ miles west	E. A. Showers	M. R. Pretty	1938	231	--	--
421	15 $\frac{1}{4}$ miles northwest	Frank Edwards	Frank Edwards	--	70	1 $\frac{1}{2}$	--
423	15 $\frac{1}{4}$ miles west	-- Koehn	Chas. Schultz	--	107	4	--
425	14 $\frac{1}{2}$ miles west	J. J. Settegast, Jr.	--	--	80+	4	--
426	12 $\frac{3}{4}$ miles west	F. L. Sheckels	O. Luckenmeyer	--	42	3	--
427	13 miles northwest	G. C. Cox	--	--	53	4	--
428	13 $\frac{1}{2}$ miles northwest	H. A. Soathoff	H. A. Soathoff	--	20	3	--
431	13 miles northwest	G. E. Wilkins	I. W. Lawson	1923?	2,000+	6	0
434	14 miles northwest	L. Z. Pledger	H. Tanner	1930	58	4	--
435	13 $\frac{1}{4}$ miles northwest	R. C. Peters	do.	1928	45	4	1.0
436	13 miles northwest	G. F. Brown	Carl Schultz	1930	49	4	--
445	11 $\frac{1}{4}$ miles northwest	H. Collett	H. Collett	1923	72	4	--
446	11 $\frac{1}{2}$ miles northwest	C. W. Hahl Co.	H. Tanner	1930	60	4	1.0
450	11 $\frac{1}{2}$ miles northwest	do.	--	--	95	12	0
454	11 $\frac{1}{2}$ miles northwest	H. & T. C. R.R.	--	Old	124	6	2.0
456	11 miles northwest	Frank Willborg	Layne-Texas Co.	1930	230	6,4	0.3
457	do.	do.	H. Tanner	1930	75+	4	1.5

Well No.	Water Level		Date of measurement	Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Level				
413	d/ 17		Aug. 1938	C,H, E,--	D,S	
414	--		--	C,H	D,S	Cased to 79 feet.
415	9.5		Feb. 9, 1939	C,H	D,S	
416	11.5		Feb. 15, 1939	C,E, --	D,Irr	
417	21.2		Jan. 28, 1942	None	N	Cased to 120 feet.
418	25.1		Feb. 13, 1939	C,H	N	
419	--		--	C,H	D,S	
420	--		--	C,E, --	S	
421	--		--	C,H	D,S	
423	--		--	C,H	D,S	Cased to 105 feet.
425	--		--	C,H	D,S	Supplies dipping vat.
426	--		--	C,H	D	
427	--		--	C,H	D	
428	--		--	C,W	S	
431	+		Nov. 1938	Flows	S	Oil test. Estimated flow 50 gallons a minute in November 1938. Temperature 87° F.
434	--		--	C,E, $\frac{1}{2}$	D,S	
435	6.3		May 14, 1931	C,E, $\frac{1}{2}$	D,S	
436	--		--	C,E, $\frac{1}{2}$	D	
445	--		--	C,H	D,S	
446	3.5		Apr. 9, 1931	C,H	D,S	
450	10.9		Nov. 9, 1937	None	N	
454	4.5		Apr. 2, 1931	C,G, 6	D,S	Dug to 29 feet; remainder drilled.
456	30.0		Apr. 2, 1931	None	N	Casing: 194 feet of 6-inch and 36 feet of 4-inch. Screen from 198 to 220 feet.
457	41.2		Jan. 21, 1942			
	3.2		Apr. 2, 1931	A,E, --	D,S	Measured depth 37 feet.
	15.5		Dec. 2, 1939			

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
458	9 $\frac{3}{4}$ miles northwest	R. D. Wirt	-- Wright	1900?	300+	3	--
460	11 miles northwest	T. Rauh	M. R. Pretty	1932	138	4	--
462	10 miles northwest	J. L. Sampson	Henry Sauer	1931	60+	3	--
471	9 $\frac{1}{2}$ miles west	G. N. Ogden	Layne-Texas Co.	--	183	3	--
472	10 $\frac{1}{2}$ miles west	R. A. Harvey	L. Patterson	1930?	365	4	2.0
473	8 $\frac{1}{2}$ miles west	H. W. Rasmussen	M. R. Pretty	1938	416	6	0.5
474	9 $\frac{3}{4}$ miles west	Drew Roberts	McMasters & Pomeroy	1941	383	4	--
475	do.	Gibbs Meador	Layne-Texas Co.	1938	192	4 $\frac{1}{2}$, 2 $\frac{1}{2}$	0
476	10 $\frac{1}{4}$ miles west	Boy Scouts of America	Failing Drilling Co.	1939	400	6	--
477	10 $\frac{3}{4}$ miles west	J. A. Rush	L. Patterson	1932	399	8, 7	0
478	do.	P. M. Archer	McMasters & Pomeroy	1941	545	4	0
479	11 $\frac{1}{2}$ miles west	J. A. Bammel	--	1930?	150	--	--
480	19 $\frac{1}{4}$ miles west	John Pillot	Delta-Shurwell, Inc.	1940	512	20, 14, 12 $\frac{3}{4}$	4.5
481	19 $\frac{3}{4}$ miles west	Chris Pillot	Ed Beeler	1912	102	3	--
482	17 $\frac{1}{4}$ miles west	T. Gasaway	T. Gasaway	1921	50	2	--
483	16 miles west	V. Foster	V. Foster	1925	126	3	--
484	17 $\frac{1}{4}$ miles west	Tim Miles	W. F. Schnieder	1930	152	3	0.3
485	14 $\frac{1}{2}$ miles west	C. R. Hastings	--	--	72	2, 1 $\frac{1}{4}$	--
486	13 $\frac{1}{2}$ miles west	Clifford Mooers	L. Patterson	1938	395	6	--
487	7 $\frac{1}{2}$ miles west	E. G. Pearson	M. R. Pretty	1939	356	4	0
488	10 $\frac{1}{2}$ miles west	J. W. Small	A. E. Fawcett, Sr.	1937	313	3, 2	--
489	16 $\frac{1}{4}$ miles west	City of Houston	Core Drilling Co.	1939	470	3 $\frac{1}{2}$	2.8

Well No.	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
458	--	--	A,G, --	D,S	Ceased flowing about 1910.
460	--	--	A,G, --	S,Irr	Screen from 118 to 138 feet. Yield 75 gallons a minute when drilled.
462	--	--	C,G, --	D,S	
471	--	--	C,G, 1½	D,S	Screen from 177 to 183 feet.
472	41.9	Jan. 3, 1942	A,G, --	D,S	Screen from 340 to 365 feet. Supplies swimming pool.
473	31.1	Feb. 10, 1939	T,E, --	D,S	Screen from 386 to 416 feet. Yield 200 gallons a minute when drilled.
	38.0	Jan. 28, 1942			
474	--	--	T,E, 3	D	Screen from 361 to 383 feet. Yield 125 gallons a minute when drilled.
475	d/ 27	Mar. 1938	C,-	D	Screen from 167 to 188 feet.
476	--	--	T,E, 7½	P	Screen from 380 to 400 feet. Supplies Camp Hudson.
477	d/ 22	1932	T,G, --	D,S	Screen from 314 to 399 feet.
478	d/ 41	June 23, 1941	T,E, 3	D	Screen from 523 to 545 feet. Yield 150 gallons a minute when drilled.
479	--	--	C,W	S	
480	32.1	Jan. 19, 1942	T,D, 135	Irr	Casing: 130 feet of 20-inch, 295 feet of 14-inch and 81 feet of 12½-inch; 300 feet slotted opposite all sands below 107 feet. Yield 3,500 gallons a minute when drilled. Irrigated 400 acres of rice in 1941. See log.
481	--	--	C,W,G	D,S	
482	--	--	C,W	S	
483	--	--	C,H	D	
484	23.6	Feb. 10, 1939	C,E, --	D,S	
485	--	--	C,H	D,S	
486	--	--	T,E, 15	D,S	Screen from 544 to 593 feet. Yield 175 gallons a minute when drilled.
487	d/ 33	Sept. 1939	T,E, --	D	Screen from 322 to 335 feet. Yield 75 gallons a minute when drilled.
488	--	--	C,E, ¾	D	Screen from 301 to 313 feet.
489	29.6	May 29, 1939	None	N	Screen from 449 to 464 feet. Owner's test well No. 4A.
	31.6	Jan. 28, 1942			

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
490	14 miles southwest	City of Houston	Core Drilling Co.	1939	1,188	3 $\frac{1}{8}$	4.2
491	13 $\frac{1}{2}$ miles west	W. F. Schneider	W. F. Schneider	1912	113	2	--
492	10 miles southwest	G.H.& S.A. R.R.	G. C. Warniecke	Old	220	9-5/8	--
493	12 $\frac{1}{2}$ miles southwest	T. X. Schuchert	-- Nichols	1931	37	2	--
494	do.	Sam Navarro	Layne-Texas Co.	1928	334	6,4	0
495	12 $\frac{1}{4}$ miles southwest	E. C. McDonald	J. Hobbs	1931	327	2	0
496	13 $\frac{1}{4}$ miles southwest	Diamond "L" Ranch	Layne-Texas Co.	1928	315	6,4	1.5
497	12 $\frac{3}{4}$ miles southwest	Westwood Country Club	do.	1929?	590	10,6	3.5
498	11 $\frac{1}{4}$ miles southwest	Brae Burn Country Club	do.	1937	707	10 $\frac{3}{4}$, 8-5/8, 6 $\frac{3}{4}$	3.0
499	11 $\frac{1}{2}$ miles southwest	do.	L. Patterson & Layne-Texas Co.	1932	701	10, 8-5/8	--
500	13 miles west	Mike Albanese	M. R. Pretty	1937	228	4	1.8
501	10 $\frac{1}{2}$ miles northwest	F. Christoph	F. Christoph	--	28	2	--
502	9 $\frac{1}{2}$ miles northwest	J. A. Grein	J. A. Grein	1930	27	1 $\frac{1}{2}$	--
503	9 $\frac{1}{2}$ miles northwest	B. E. Eisman	--	--	105	4	--
507	do.	Otto Adams	Chas. Schultz	--	175	3	--
511	9 $\frac{1}{4}$ miles northwest	Henry Koehler	H. Tanner	1929	52	6	--
512	8 $\frac{1}{2}$ miles northwest	Joe Kowis	--	1927	50	6	0.5
515	7 $\frac{1}{4}$ miles northwest	Melrose Stock Farm	--	--	65	4	--
519	6 $\frac{3}{4}$ miles northwest	F. M. Myers	H. Tanner	1930	52	4	--
520	7 $\frac{1}{2}$ miles northwest	Woodlawn Cemetery	J. W. Kanaly	1932	158+	3	--
522	6 miles northwest	Bethel Cemetery	Simon Lewis	1930	40	2	--
524	6 $\frac{1}{4}$ miles northwest	W. T. Carter, Jr.	Layne-Texas Co.	1929	293	6,3	--
528	6 $\frac{1}{4}$ miles west	Judge T. M. Kennerly	A. E. Fawcett, Sr.	1932	250	4	--

Well No.	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
490	40.2	May 29, 1939	None	N	Screen from 1,167 to 1,182 feet. Owner's test well No. 5.
	49.1	Jan. 28, 1942			
491	--	--	C,H	D,S	Cased to 111 feet.
492	--	--	None	N	Screen from 191 to 220 feet.
493	--	--	C,E, --	D,S	
494	34.3	June 3, 1941	None	N	Casing: 296 feet of 6-inch and 38 feet of 4-inch. Screen from 288 to 310 feet.
495	d/ 25	May 28, 1931	C,H	D	
496	34.5	Jan. 27, 1942	C,G, --	D,S	Casing: 65 feet of 6-inch and 150 feet of 4-inch. Screen from 299 to 315 feet.
497	34.6	Dec. 13, 1938	T,E, 20	P,Irr	Casing: 120 feet of 10-inch and 470 feet of 6-inch. Estimated yield about 200 gallons a minute in 1941. Supplies golf course.
498	41.4	Jan. 27, 1942	T,E, 15	P,Irr	Casing: 203 feet of 10 ³ / ₄ -inch, 312 feet of 8-5/8-inch and 195 feet of 6-5/8-inch. Screen from 573 to 699 feet. Yield 500 gallons a minute in 1941. Supplies swimming pool.
499	--	--	T,E, 25	P,Irr	Casing: 120 feet of 10-inch; 581 feet of 8-5/8-inch. Screen from 588 to 701 feet. Estimated yield 400 gallons a minute in 1941.
500	28.2	Feb. 10, 1939	A,G, --	Irr	Screen from 208 to 228 feet. Yield 60 gallons a minute when drilled. Supplies golf course.
501	--	--	C,G, 2	D,S	Supplies dairy.
502	--	--	C,G, 1 ¹ / ₂	D,S	
503	--	--	C,W	D,S	Supplies dairy.
507	--	--	C,G, 3	D,S	
511	--	--	C,G, 3 ¹ / ₂	Irr	
512	4.9	Dec. 19, 1941	A,E, --	D,S	
515	--	--	C,W, G,2	D,S	Supplies dairy.
519	--	--	C,E, --	D,S	
520	--	--	A,G, 5	D,S, Irr	
522	--	--	C,G, --	D,S, Irr	
524	--	--	T,E, 5	D,S	Casing: 225 feet of 6-inch and 68 feet of 3-inch. Screen at 225-247 and 255-274 feet.
528	--	--	C,E, 3	D,S	Screen at bottom.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
530	7 miles west	Allen and Leavens	L. Patterson	1939	616	6	0
531	do.	Wayne R. Lawler	do.	1940	632	6	--
532	6 $\frac{3}{4}$ miles west	W. T. Carter	McMasters & Pomeroy	1940	492	6	0
533	6 $\frac{1}{4}$ miles west	R. W. Gillette	L. Patterson	1938	403	6	0
534	do.	R. H. Goodrich	A. E. Fawcett, Sr.	1932	186	4	--
535	do.	do.	do.	1934	1,996	6,4	0
536	6 miles west	J. O. Winston, Jr.	Layne-Texas Co.	1939	337	6-5/8, 4 $\frac{1}{2}$	0
537	5 $\frac{3}{4}$ miles west	H. C. Weiss	do.	1936	355	8-5/8, 6	0
538	5 $\frac{3}{4}$ miles northwest	Bayou Club	do.	1939	481	8-5/8, 6-5/8	0
539	6 miles west	Dudley Sharp	McMasters & Pomeroy	1939	492	8,6	0
540	5 $\frac{3}{4}$ miles west	Memorial Park Stables	Layne-Texas Co.	1933	195	4,2 $\frac{1}{2}$	--
541	do.	R. W. Gillette	L. Patterson	1940	400	6	--
542	6 miles west	do.	do.	1939	701	6	--
543	do.	Jack's Store	A. E. Fawcett, Sr.	1937	196	4,2	0
544	2 $\frac{1}{4}$ miles west	Harris Cream Top Dairy	Layne-Texas Co.	1933	514	8,6	0
545	2 miles west	Samuel Bingham & Son Mfg. Corp.	Texas Water Supply Co.	1940	450	6,4	--
546	5 $\frac{1}{4}$ miles west	M. S. McCorquodale	M. R. Pretty	1940	236	4	0
547	do.	A. M. Parsons	Layne-Texas Co.	1941	437	6-5/8, 4 $\frac{1}{2}$	0
548	5 miles west	T. D. Anderson	do.	1941	398	6-5/8, 4 $\frac{1}{2}$	0
549	do.	J. P. Schumacher	do.	1940	424	6-5/8, 4 $\frac{1}{2}$	0
550	do.	Ray Smith	do.	1939	445	8-5/8, 6-5/8, 5	0

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.)	g/				
530	d/	49	Oct. 1939	T,E, 5	D	Screen from 576 to 616 feet. Yield 175 gallons a minute when drilled.
531	--	--	--	T,E, 5	D	Screen from 594 to 632 feet.
532	d/	50	Apr. 1940	T,E, 5	D	Screen from 427 to 467 feet. Yield 150 gallons a minute when drilled.
533	d/	35	June 1938	T,E, 5	P	Screen from 368 to 403 feet. Yield 200 gallons a minute in 1942. Supplies West Oak Addition.
534	--	--	--	J,E, 1	D	Screen from 166 to 186 feet. Owner's No. 1.
535	d/+35		Apr. 1934	None	N	Screen at 1,825-1,865 and 1,983-1,996 feet. Original flow 20 gallons a minute. Flowed 2 1/2 gallons a minute in December 1936. Ceased flowing August 15, 1941. Owner's No. 3.
	d/	0	Aug. 15, 1941			
		1.5	Nov. 1941			
536	d/	44	Feb. 23, 1939	T,E, 5	D	Screen from 286 to 337 feet. Yield 112 gallons a minute with drawdown of 14 feet when drilled.
537	d/	39	Feb. 23, 1936	J,E, 1 1/2	D	Casing: 236 feet of 8-5/8-inch; 119 feet of 6-inch. Screen at 250-271 and 302-341 feet. Yield 200 gallons a minute with drawdown of 12 feet when drilled. Owner's No. 2.
538	d/	53	July 30, 1940	T,E, 20	D	Well deepened from 371 to 481 feet in July 1940. Screen at 278-298, 344-365 and 455-475 feet. Yield 320 gallons a minute with drawdown of 28 feet in 1940.
539	d/	48	Feb. 1939	T,E, 15	D,S	Screen from 449 to 492 feet. Yield 225 gallons a minute with drawdown of 23 feet when drilled.
540	--	--	--	J,E, --	D,S	Screen on 1 1/2-inch liner from 179 to 194 feet. Gravel-walled.
541	--	--	--	T,E, 15	P	Screen from 360 to 400 feet. Yield 150 gallons a minute when drilled. Supplies West Oaks Addition.
542	--	--	--	T,E, 15	P	Screen from 645 to 697 feet. Yield 200 gallons a minute when drilled. Supplies West Oaks Addition. Owner's No. 3.
543	d/	37.5	1937	C,W	D,S	Casing: 61 feet of 4-inch and 135 feet of 2-inch. Screen from 184 to 196 feet.
544	d/	48.9	Apr. 1933	T,E, 10	Ind	Screen from 462 to 504 feet. Yield 120 gallons a minute with drawdown of 20 feet when drilled.
545	--	--	--	T,E, 5	Ind	Casing: 165 feet of 6-inch and 285 feet of 4-inch. Temperature 720 F.
546	d/	50	Sept. 4, 1940	J,E, 1 1/2	D	Screen from 215 to 236 feet. Yield 50 gallons a minute when drilled.
547	d/	58	Jan. 18, 1941	T,E, 5	D	Screen at 386-392 and 412-434 feet. Yield 100 gallons a minute when drilled.
548	d/	57	Apr. 14, 1941	T,E, 5	D	Casing: 171 feet of 6-5/8-inch and 227 feet of 4 1/2-inch. Screen from 372 to 382 feet. Yield 100 gallons a minute with drawdown of 32 feet
549	d/	57	Mar. 9, 1940	T,E, 5	D	Screen at 359-380 and 398-408 feet. Yield 130 gallons a minute when drilled.
550	d/	55	Sept. 29, 1939	T,E, --	D	Screen at 361-390 and 414-435 feet. Yield 150 gallons a minute with drawdown of 42 feet when drilled.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
551	4 $\frac{3}{4}$ miles west	S. H. Davis	Layne-Texas Co.	1939	425	6-5/8, 4 $\frac{1}{2}$	0
552	do.	Eldon Young	M. R. Pretty	1939	441	6, 4	--
553	4 miles west	River Oaks Country Club	Layne-Texas Co.	1935	924	10, 6	0
554	do.	H. R. Cullen	do.	1935	1,084	10, 7	0
555	4 miles southwest	Claude B. Hamill	do.	1939	938	8-5/8, 6-5/8	0
556	4 $\frac{1}{2}$ miles southwest	W. J. Goldston	Pat O'Day	1938	938	8	--
557	3 $\frac{3}{4}$ miles west	S. P. Farish	McMasters & Pomeroy	1938	525	6, 5	0
558	3 $\frac{1}{2}$ miles west	D. J. Harrison	L. Patterson	1939	800 $^+$	8	--
559	2 $\frac{3}{4}$ miles west	Sanitary Farms Dairy	McMasters & Pomeroy	1935	590	8, 6	--
562	5 $\frac{3}{4}$ miles west	C. V. Wiseman	Fred Powell	1932	118 $^+$	4	--
563	5 $\frac{1}{4}$ miles west	Tall Timber Stables	--	--	500 $^+$	3	1.1
566	5 miles northwest	Ida Zohn	M. R. Pretty	1932	204	4, 2	--
573	6 miles northwest	C. A. Beinhorn	A. E. Fawcett, Sr.	1931	255	2	--
580	6 $\frac{3}{4}$ miles northwest	V. McVaney	H. L. Wilson	1931	136	4	--
582	5 $\frac{1}{2}$ miles northwest	C. Torregrossa	A. E. Fawcett, Sr.	1928	145	3	--
584	5 $\frac{1}{4}$ miles northwest	J. C. Lawton	--	1925	45	4	--
585	4 miles northwest	Houston Textile Mills Inc.	Taylor & Roberts	1924?	950	12	1.6
586	4 $\frac{1}{4}$ miles northwest	Heights Ice Co.	McMasters & Pomeroy	1927	312	10	--
588	do.	Oriental Textile Mills	Taylor & Roberts	1909	800	6	--
589	4 miles northwest	City of Houston	Layne-Texas Co.	1931	1,858	24, 12 $\frac{1}{2}$, 7	1.0

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below point (ft.)	g/				
551	d/ 52		Dec. 2, 1939	T,E, --	D	Screen from 391 to 427 feet. Yield 82 gallons a minute with drawdown of 36 feet when drilled.
552	--		--	J,E, 3	D	Casing: 396 feet of 6-inch and 45 feet of 4-inch. Screen from 396 to 436 feet.
553	d/ 56		Dec. 17, 1935	T,E, 25	P	Casing: 391 feet of 10-inch and 533 feet of 6-inch. Screen at 634-669 and 803-875 feet. Yield 525 gallons a minute with drawdown of 28 feet when drilled. Supplies swimming pool.
554	d/ 53		May 10, 1935	T,E, --	D	Casing: 763 feet of Owner's No. 2. See log. 10-inch and 321 feet of 7-inch. Screen at 810-834, 857-876, 947-969 and 1,059-1,083 feet. Yield 270 gallons a minute with drawdown of 35 feet when drilled. Owner's No. 2.
555	d/ 70.5		Feb. 1939	T,E, --	D	Screen at 809-830, 851-872 and 894-914 feet. Yield 120 gallons a minute with drawdown of 19 feet when drilled.
556	--		--	T,E, 15	D	Yield 55 gallons a minute.
557	d/ 64		May 1938	T,E, 5	D	Casing: 422 feet of 6-inch and 103 feet of 5-inch. Screen at 450-472 and 482-525 feet.
558	--		--	T,E, 15	D	
559	--		--	T,E, 20	Ind	Screen from 520 to 580 feet. Estimated yield 150 gallons a minute in 1940.
562	--		--	A,G, --	D,S	
563	31.4		Oct. 29, 1938	A,G, 1 1/2	D,S	
566	--		--	C,W	D,S	Casing: 60 feet of 4-inch and 144 feet of 2-inch. Screen from 194 to 204 feet.
573	--		--	A,G, --	D,Irr	
580	--		--	C,H	D,S	
582	--		--	A,E, 5	D,S, Irr	
594	--		--	C,E, 4	D,S	
585	54.6		Mar. 21, 1931	A,E, 15	D,Ind	
	85.8		Feb. 16, 1941			
586	--		--	T,E, 7 1/2	Ind	
536	--		--	A,S, --	D,Ind	Estimated yield 20 gallons a minute in 1940.
589	68.6		Nov. 14, 1938	T,E, 200	P	Casing: 300 feet of 24-inch, 1,242 feet of 12 1/2-inch and 316 feet of 7-inch. Screen at 410-429, 451-471, 641-660, 689-726, 868-890, 1,332-1,354, 1,616-1,669, 1,692-1,710, 1,795-1,815, and 1,830-1,856 feet. Gravel-walled. Flowed when drilled. Yield 2,150 gallons a minute, January 1942. Owner's Number Heights 5. See log.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
591	4 miles northwest	City of Houston	Layne-Texas Co.	1924	1,039	24,12	1.0
593	2 $\frac{3}{4}$ miles northwest	Burress & Rogers	do.	1927	313	10	0
594	do.	Creamix Corp.	McMasters & Pomeroy	1927	250	8	0
595	3 $\frac{1}{2}$ miles northwest	Fidelity Chemical Corp.	--	1917	465	8	9.4
596	3 miles northwest	Swift & Company	Layne-Bowler Co.	1917	670	10,8	2.0
597	do.	Houston Cotton Oil Co.	G. C. Warniecke	1893	540	--	1.0
599	3 $\frac{1}{4}$ miles northwest	Houston Ice & Cold Storage Co.	Layne-Bowler Co.	1922	583	12,6	--
602	4 miles west	River Oaks Country Club	Layne-Texas Co.	Old	887	10,8	1.5
604	2 $\frac{1}{2}$ miles northwest	Horlock Ice Co.	J. A. Walling	1925	340	8	1.1
606	2 miles northwest	Henke and Pillot	G. C. Warniecke	Old	575	6	0.5
607	do.	do.	McMasters & Pomeroy	1929	571	6	0.8
608	do.	Fidelity Products Co.	Layne-Bowler Co.	1906	350	6	3.0
609	do.	do.	--	1920?	825	8	3.0
610	2 miles west	Standard Rice Co. Inc.	Layne-Bowler Co.	1908	853	6	1.0
612	1 $\frac{1}{2}$ miles northwest	Pfeffer Rice Milling Co.	G. C. Warniecke	1905?	580	6,4	2.0

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
591	88.6	Aug. 25, 1938	None	N	Casing: 98 feet of 24-inch and 941 feet of 12-inch. Screen at 514-564, 579-676, 691-740, 883-925, and 969-1,034 feet; 4-inch liner set from surface to top of 12-inch casing, March 1940. Owner's Number Heights 3.
	98.2	July 25, 1939			
	110.7	Aug. 23, 1940			
593	d/ 55	Aug. 8, 1927	T,E, 15	Ind	Screen at 163-216, and 279-309 feet. Estimated yield 275 gallons a minute in 1941. Supplies
594	66.8	Mar. 4, 1931	T,E, 10	Ind	Screen at 173-203, 207-215 and ice plant. 220-250 feet. Estimated yield 35 gallons a
595	66.4	Jan. 23, 1931	A,S, --	Ind	minute in 1941. Supplies ice plant.
596	47.8	do.	A,S, --	Ind	Casing: 500 feet of 10-inch and 170 feet of 8-inch. Screen at 500-520 and 630-670 feet.
597	49.7	Jan. 11, 1931	None	N	Abandoned in 1940.
599	--	--	T,E, --	Ind	Casing: 79 feet of 12-inch and 504 feet of 6-inch. Screen at 178-220, 299-319 and 540-561 feet. Supplies Paragon ice plant.
602	48.5	Jan. 19, 1931	T,E, 30	P,Irr	Casing: 736 feet of 10-inch and 151 feet of 8-inch. Screen at 675-715 and 755-864 feet. Deepened from 776 to 887 feet in July 1929. Supplies golf course. Owner's No. 1.
	45.8	Mar. 14, 1936			
	71.8	Jan. 28, 1942			
604	75.9	Jan. 24, 1942	A,-	Ind	Supplies West End ice plant.
606	58.5	Jan. 22, 1931	None	N	
	68.6	May 19, 1937			
	89.0	Jan. 24, 1942			
607	75.7	Jan. 22, 1931	None	N	Screen from 511 to 571 feet. Abandoned in 1940.
608	69.4	Jan. 25, 1931	None	N	Screen from 315 to 350 feet.
	84.4	Jan. 24, 1942			
609	80.3	Jan. 23, 1931	None	N	
	92.4	Jan. 24, 1942			
610	54.0	Jan. 25, 1931	A,-	Ind	Liner set in 8 $\frac{1}{4}$ -inch casing by Layne-Texas Company in January 1925. Screen from 806 to 848 feet. Yield 106 gallons a minute in 1940. See log.
	86.2	Nov. 7, 1938			
612	64.3	Jan. 22, 1931	A,-	Ind	Deepened from 427 to 580 feet in October 1932 by Layne-Texas Company. Screen at 504-537 and 549-578 feet. Estimated yield 75 gallons a minute in 1941.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
614	1 $\frac{1}{4}$ miles northwest	Liquid Carbonic Corp.	--	Old	600	8	--
616	1 $\frac{1}{4}$ miles west	City of Houston	Layne-Texas Co.	1927	1,456	24,12	0 1.5
617	1 mile west	do.	do.	1927	1,540	24,12	0 1.0
618	do.	do.	do.	1927	1,320	24,12	0 1.0
619	do.	do.	--	Old	900	6	2.0
620	1 $\frac{1}{2}$ miles southwest	Public Laundries	Layne-Texas Co.	1927	1,379	6,4	0
621	do.	Horlock Ice Co.	J. A. Walling	1924	560	11	2.0
622	do.	do.	do.	1929	360	8 $\frac{3}{4}$	13.12
623	1 $\frac{1}{2}$ miles northwest	Houston Foundry & Machine Co.	G. C. Warniecke	1900?	900	6	2.5
624	1 mile west	City of Houston	Layne-Texas Co.	1935	953	24,12 $\frac{1}{2}$	0 2.0

Well No.	Water level Below measuring point (ft.) a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
614	--	--	T,E, 20	Ind	Estimated yield 325 gallons a minute. Supplies ice plant.
616	d/ 47	May 21, 1927	T,E, 125	P	Casing: 249 feet of 24-inch and 1,207 feet of 12-inch. Screen at 894-914, 1,150-1,190, 1,149-1,402 and 1,417-1,438 feet. Estimated yield 1,800 gallons a minute, January 1942. Owner's Number Central F-5.
	d/ 71	May 18, 1928			
		May 26, 1939			
	107.2	May 21, 1941			
617	d/ 28	Apr. 1927	T,E, 125	P	Casing: 254 feet of 24-inch and 1,286 feet of 12-inch. Screen at 893-929, 1,159-1,194, 1,235 1,296, 1,318-1,400 and 1,439-1,499 feet. Yield 1,810 gallons a minute, January 1942. Owner's Number Central F-1.
	d/ 76	July 23, 1931			
		May 26, 1939			
	108.2	May 21, 1941			
618	d/ 28	Apr. 4, 1927	T,E, 125	P	Casing: 250 feet of 24-inch and 1,107 feet of 12-inch. Screen at 889-911, 932-953, 1,139-1,179 and 1,249-1,320 feet. Yield 800 gallons January 1942. Owner's Number Central F-10
	d/ 67	July 23, 1931			
		May 26, 1939			
	101.5	May 21, 1941			
619		June 30, 1931	None	N	Supplied Lincoln swimming pool. Measured depth 625 feet.
		Mar. 16, 1936			
		Jan. 24, 1942			
	88.3	Jan. 24, 1942			
620	d/ 54	Apr. 1927	T,E, 15	Ind	Casing: 1,288 feet of 6-inch and 91 feet of 4-inch. Screen from 1,310 to 1,377 feet. Yield in 1938 150 gallons a minute with draw-down of 66 feet.
		May 25, 1941			
		Jan. 19, 1931	A,-	Ind	Screen at 220-240 and 480-500 feet. Supplied South End ice plant; abandoned in 1941. Owner's
621	71.3	Jan. 19, 1931	A,-	Ind	Screen from 224 to 250 feet. Supplies No. 1. South End ice plant. Owner's No. 2.
622	81.2	do.	A,-	Ind	Abandoned October 1938.
623	89.6	Jan. 24, 1942	None	N	
624	d/ 85	July 30, 1935	T,E, 200	P	Casing: 301 feet of 24-inch and 652 feet of 12-inch. Screen at 463-526, 562-605, 712-775, 836-875, and 896-938 feet. Gravel-walled. Yield 1,150 gallons a minute January 1942. Owner's Number Central F-11.
		July 27, 1939			
		Sept. 9, 1941			
	103.0	Sept. 9, 1941			

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
625	1 mile west	City of Houston	Layne-Texas Co.	1935	2,041	24, 12 $\frac{1}{2}$	0 2.0
626	1 mile northwest	Dairyland Inc.	H. L. Wilson	1923	435	12	--
627	1 $\frac{3}{4}$ miles northwest	Cook Paint & Varnish Co.	McMasters & Pomeroy	1940	200	6	--
628	do.	Earthen Products Co.	L. Patterson	1936	374	6	--
629	do.	Washington Laundry	McMasters & Pomeroy	1936	493	6	--
630	1 $\frac{1}{2}$ miles northwest	Crescent Laundry	Layne-Texas Co.	1936	207	6, 5	0
631	$\frac{3}{4}$ mile north	Mid-Continental Mud Co.	do.	1939	525	8-5/8	--
632	$\frac{3}{4}$ mile northeast	Southern Pacific Co.	do.	1937	932	12 $\frac{3}{4}$	0
633	1 mile northeast	do.	do.	1941	971	13-3/8, 7	0
634	$\frac{1}{4}$ mile northwest	Houston Ice & Cold Storage Co.	do.	1941	354	13-3/8, 7	8
635	$\frac{1}{2}$ mile northeast	Houston Lighting & Power Co.	do.	1939	887	10 $\frac{3}{4}$	0
636	$\frac{1}{2}$ mile east	National Biscuit Co.	Southern Engine & Pump Co.	1910	1,380	8	--
637	1 mile east	Dedman Foundry & Machine Co.	I. H. Mowery	1941	250	6	--
638	$\frac{1}{2}$ mile southwest	Humble Building	Layne-Texas Co.	1938	932	10 $\frac{3}{4}$, 8-5/8	0
639	$\frac{3}{4}$ mile southwest	Phenix Dairy	do.	1936	534	8, 6	0
640	$\frac{1}{2}$ mile southwest	Oil & Gas Building	Texas Water Supply Corp.	1939	986	8	0
641	$\frac{1}{2}$ mile west	Rice Hotel Laundry	Layne-Texas Co.	1936	1,502	10, 8, 6	0
642	$\frac{1}{2}$ mile southwest	Commerce Building	do.	1939	900	16, 8-5/8	0

Well No.	Water Level Below measuring point (ft.) a/	Level Date of measurement	Method of lift b/	Use of water c/	Remarks
625	d/ 55	Sept. 11, 1935	T, E, 200	P	Casing: 300 feet of 24-inch and 1,741 feet of 12 $\frac{1}{2}$ -inch. Screen at 1,154-1,214, 1,274-1,295, 1,316-1,377, 1,398-1,420, 1,441-1,505, 1,589-1,610, 1,758-1,780, 1,887-1,931, and 1,983-2,025 feet. Gravel-walled. Yield 1,880 gallons a minute January 1942. Owner's No. Central F-12. Supplies ice plant.
	88.0	Nov. 23, 1939			
	106.0	Sept. 9, 1941			
626	--	--	A, --	Ind	
627	--	--	T, E, 10	Ind	Screen from 180 to 200 feet.
628	--	--	T, E, 15	Ind	Screen at 90-110 and 350-370 feet. Estimated yield 75 gallons a minute in 1941.
629	--	--	T, E, 5	Ind	Screen from 453 to 493 feet. Yield 80 gallons a minute when drilled.
630	d/ 59	Mar. 12, 1936	T, E, 5	Ind	Casing: 160 feet of 6-inch and 47 feet of 5-inch. Screen from 182 to 206 feet. Estimated Screen yield 20 gallons a minute in 1941. at 188-250, 327-349, 438-456 and 471-525 feet.
631	--	--	T, E, 25	Ind	Screen at 523-553, 576-599, 662-684, 826-849 and 900-921 feet. Yield 700 gallons a minute in July 1940. Supplies T. & N.O. Shops. Owner's No. 3.
632	d/ 86	Nov. 18, 1937	T, S, --	RR	Screen at 564-583, 603-623, 772-793 and No. 3. 832-895 feet. Yield 700 gallons a minute with drawdown of 62 feet when drilled. Supplies T. & N.O. Shops. Owner's No. 4.
634	d/ 78	Apr. 9, 1941	T, E, 40	Ind	Screen at 166-227, 250-273 and 290-351 feet. Yield 550 gallons a minute when drilled. Supplies Henke Casing: 633 feet of 18-5/8-inch ice plant. and 254 feet of 10 $\frac{3}{4}$ -inch. Screen at 747-759, 762-785, 803-822, 834-844 and 846-873 feet. Gravel-walled. Yield 750 gallons a minute with drawdown of 63 feet when drilled. Supplies Estimated Gable Street plant. Owner's No. 2. Yield 35 gallons a minute in 1941.
635	95	Mar. 7, 1939	T, E, 75	Ind	Screen from 230 to 250 feet.
636	--	--	A, D, 20	Ind	
637	--	--	T, E, 5	Ind	
638	d/ 93	June 13, 1938	T, E, 15	P	Screen at 767-806, 876-887 and 910-920 feet. Yield 260 gallons a minute with drawdown of 25 feet when drilled. Owner's No. 2.
639	d/ 69	May 26, 1936	T, E, 15	Ind	162 feet of 8-inch and 372 feet of 6-inch. Screen from 445 to 533 feet. Yield 260 gallons a minute with drawdown of 44 feet when drilled. Screen from 903 to 966 feet. Yield 200 gallons a minute when drilled.
640	d/ 94	Apr. 19, 1939	T, E, 10	P	Casing 221 feet of 10-inch, 942 feet of 8-inch and 339 feet of 6-inch. Screen at 1,317-1,395, and 1,416-1,456 feet. Yield 650 gallons a minute when drilled. See log.
641	d/ 90	July 23, 1936	T, E, 30	Ind	Casing: 672 minute when drilled. Screen at 752-903, 826-836, and 847-888 feet. Yield 800 gallons a minute when drilled.
642	d/ 118	Oct. 1939	T, E, 40	P	

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
543	¼ mile southwest	Sakowitz Bros.	Texas Water Supply Corp.	1936	887	10,6	--
644	do.	Niels Esperson Building	do.	1940	900	8,6	--
645	1/8 mile west	Uptown Theatre	Layne-Texas Co.	1935	392	16,8	0
646	¼ mile northwest	Model Laundry	South Engine & Pump Co.	1909	1,875	8	-8.0
647	1/8 mile northeast	Swift Packing Co.	G. C. Warniecke	1906	860	8,6	--
648	9 miles north	J. W. Follis	--	1931	300	4	1.5
649	9 miles northwest	A. Wilke	-- Morton	1925	367	4	1.8
650	8 miles north	--	--	--	468	6	1.0
652	9 miles north	I. Ilo	Layne-Texas Co.	1934	403	6	0
654	5¼ miles north	H. A. Burden	H. A. Burden	1929	58	3	2.0
656	4¼ miles north	Texas Creosoting Co.	McMasters & Pomeroy	--	666	8,6	5.0
657	3¾ miles north	Harris County Water Control Dist. No. 2	do.	1925	856	8,5½	0
662	2½ miles northeast	South Texas Cotton Oil Co.	Layne-Texas Co.	1928	834	24,10,8	0
663	do.	do.	do.	1924	740	24,10	3.3

Well No.	Water Level Below measuring point (ft.) g/	Date of measurement	Method of lift b/	Use of water c/	Remarks
643	--	--	T,E, 40	P	Deepened from 550 to 887 feet in 1939. Yield 600 gallons a minute in 1941. Supplies Culf Building.
644	--	--	T,E, 15	P	Screen from 825 to 885 feet. Yield 315 gallons a minute when drilled.
645	g/ 68	Oct. 7, 1935	T,E, 60	P	Casing: 210 feet of 16-inch and 182 feet of 8-inch. Screen from 295 to 364 feet. Yield 640 gallons a minute with drawdown of 50 feet
646	94.3	Mar. 29, 1941	A,S, --	Ind	Screen from 1,625 to 1,875 feet. when drilled. Ceased to flow in 1920.
647	--	--	A,-	Ind	
648	46.6	Dec. 8, 1939	A,-	D,S, Irr	
	55.2	Dec. 12, 1941			
649	54.2	Dec. 17, 1938	None	N	Screen from 343 to 367 feet.
	63.2	Dec. 16, 1941			
650	57.8	Dec. 8, 1938	None	N	Formerly used for irrigation.
	68.8	Dec. 16, 1941			
652	g/ 40	1938	T,G, --	D,S, Irr	Screen at 360 to 402 feet. Yield 100 gallons a minute with drawdown of 68 feet in 1938.
654	10.0	May 28, 1931	A,G, 2	D,S,	
656	62.7	Jan. 9, 1931	A,-	Ind	Casing: 622 feet of 8-inch and 44 feet of 6-inch. Screen from 622 to 666 feet.
	63.6	Mar. 19, 1936			
	96.5	Jan. 26, 1942			
657	g/ 70	Feb. 11, 1938	T,E, 20	P	Casing: 636 feet of 8-inch and 220 feet of 5 1/2-inch. Screen at 624-659, 730-772, 793-814 and 835-845 feet. Yield 400 gallons a minute in 1938. Deepened from 672 to 856 feet in 1938. Supplies Lindale Park. Owner's No. 1.
658	62.9	Jan. 14, 1931	T,E, 50	Ind	Casing: 118 feet of 24-inch; 463 feet of 10-inch and 153 feet of 8-inch. Screen at 485-526, 702-740, 755-776 and 783-824 feet. Yield 525 gallons a minute with drawdown of 50 feet when drilled. Owner's No. 2.
	65.9	May 19, 1937			
	98.2	Jan. 26, 1942			
663	56.3	Jan. 14, 1931	T,E, --	N	Casing: 108 feet of 24-inch and 372 feet of 12-inch. Screen at 371-392, 472-513, 664-699, and 707-736 feet. Owner's No. 1.
	64.0	Jan. 20, 1939			
	76.5	Jan. 26, 1942			

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
665	2½ miles northeast	Wood Preserving Corp.	Taylor & Roberts	1912?	552	10	1.0
667	¾ mile north	Sunshine Laundry	McMasters & Pomeroy	1929	602	8,6	--
668	1 mile north	Horlock Ice Co.	Layne-Texas Co.	1928	354	8	0.5
669	1 mile northwest	Willborg's Laundry	do.	1932	958	6,4½	--
670	do.	Southern Pacific Co.	Layne-Bowler Co.	1913	774	8,6	0
671	¾ mile northwest	Burress & Rogers	--	--	300	6,4	0.5
672	do.	do.	Layne-Bowler Co.	1922	603	8	0
674	1 mile northeast	Southern Pacific Co.	do.	1913	978	12,8,6	--
675	do.	do.	do.	1913	562	12,8,6	--
677	½ mile northeast	Houston Lighting & Power Co.	Taylor & Roberts	1922	873	8,6	0
680	¼ mile northeast	Houston Electric Co.	--	1910?	1,279	8	0
681	¼ mile northwest	Southern Pacific Co.	Taylor & Roberts	1923	861	8,6	--
683	do.	Houston Ice & Cold Storage Co.	J. A. Walling	1915?	825	8?	--
684	do.	do.	do.	1915	720	6	0
688	½ mile northwest	City of Houston	Layne-Texas Co.	1925	1,535	24,10	0 1.5

Well No.	Water level Below measuring point (ft.) g/	Date of measurement	Method of lift b/	Use of water c/	Remarks
665	56.2	Jan. 14, 1931	None	N	Abandoned in 1941.
	73.4	Jan. 26, 1942			
667	--	--	T,E, 7½	Ind	Deepened from 300 to 602 feet in 1934. Screen from 562 to 602 feet.
668	79.6	Jan. 14, 1931	A,-	Ind	Screen at 200-241 and 303-344 feet. Supplies North Side ice plant.
669	--	--	T,E, 7½	Ind	Casing: 891 feet of 6-inch and 67 feet of 4½-inch. Screen from 903 to 936 feet. Yield 150 gallons a minute with drawdown of 40 feet
670	d/ 91	Aug. 24, 1937	A,S, --	RR	Casing: 722 feet of 8-inch and when drilled. 52 feet of 6-inch. Screen from 722 to 774 feet. Yield 385 gallons a minute in 1937.
671	65.8	Jan. 12, 1931	A,-	Ind	Casing [Supplies H. & T.C. R.R. Roundhouse. perforated and liner set by Layne-Texas Company in 1932. Screen at 205-246 and 281-300 feet. Supplies ice plant. Owner's No. 1.
672	d/ 44.5	Dec. 16, 1925	A,-	Ind	Screen at 197-243, 288-332, 491-514 and 559-581 feet. Yield 900 gallons a minute when drilled. Supplies ice plant. Owner's No. 2.
674	--	--	A,S	RR	Casing: 90 feet of 12-inch and 888 feet of 8-inch; 950 feet of 6-inch liner set in 1934. Screen from 938 to 978 feet. Estimated yield 150 gallons a minute in 1942. Supplies T. & N.O. R.R.Shops. Owner's No.1.
675	--	--	A,S	RR	Casing: 90 feet [N.O. R.R.Shops. Owner's No.1. of 12-inch, 432 feet of 8-inch and 40 feet of 6-inch. Screen from 522 to 562 feet. Supplies
677	73.1	Jan. 29, 1931	None	N	Casing: T. & N.O. R.R. Shops. Owner's No.2. 798 feet of 8-inch and 75 feet of 6-inch. Screen at 741-796 and 818-873 feet. Owner's
680	33.3	Jan. 8, 1931	None	N	Flowed when drilled. [No. 1.
	49.7	Mar. 18, 1936			
	94.5	Jan. 23, 1942			
681	--	--	A,-	P	Casing: 791 feet of 8-inch and 70 feet of 6-inch. Screen at 626-664 and 802-861 feet.
683	--	--	None	N	Sup- plied Henke ice plant. Abandoned in 1938.
684	52.3	Jan. 7, 1931	A,-	Ind	Original depth 745 feet.
688	d/ 48	July 10, 1925	T,E, 75	P	Casing: 151 feet of 24-inch and 1,384 feet of 10-inch. Screen at 1,179-1,199, 1,279-1,356, and 1,411-1,512 feet. Liner: 151 feet of 10-inch and 1,384 feet of 8-inch. Yield 1,110 gallons a minute January 1942. Owner's Number Central C-16.
	111.2	July 27, 1939			
	119.2	Sept. 9, 1941			

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
689	$\frac{1}{8}$ mile northwest	City of Houston	Layne-Texas Co.	1925	980	24,10	0 2.0
692	$\frac{1}{8}$ mile northwest	Union National Bank Building	Taylor & Roberts	1910	1,600	6	--
693	do.	First National Bank Building	Layne-Bowler Co.	1923	363	6,4	--
697	$\frac{1}{8}$ mile southwest	Stewart Building	G. C. Warniecke	1905	600	6	-6.0
698	$\frac{1}{8}$ mile west	Scanlon Building	Taylor & Roberts	1909	808	4	--
700	$\frac{1}{4}$ mile west	Rice Hotel	Layne-Bowler Co.	1913	1,395	8,4 $\frac{1}{2}$	--
701	do.	do.	J. A. Walling	1926	896	16,12, 10,7	--
704	$\frac{1}{2}$ mile west	Ineeda Laundry	Taylor & Roberts	1910	975	4	--
706	$\frac{1}{4}$ mile southwest	Texan Theatre	do.	1924	515	12,8, 6	--
707	do.	Bankers Mortgage Building	J. A. Walling	1921	925	6	--
709	do.	Second National Bank Building	Taylor & Roberts	1910	927	8,6,4	-1.5
710	do.	Niels Esperson Building	Layne-Texas Co.	1925	895	8,6	-11.8
711	do.	San Jacinto Hotel	Taylor & Roberts	1909	884	6,4	-10
712	$\frac{1}{2}$ mile southwest	Lamar Hotel	do.	1927	934	6	- 2.0
713	do.	Humble Building	J. A. Walling	1921	855	8	--
714	do.	Y. M. C. A.	G. C. Warniecke	1907	500	4	--
715	$\frac{1}{4}$ mile southwest	Ambassador Apartments	Layne-Bowler Co.	1910	888	8,6	--
716	do.	West Building	J. A. Walling	1913	495	6	--
717	do.	Cotton Hotel	do.	1913	888	4	-8.0
720	do.	Kress Building	Taylor & Roberts	1913	542	8	-2.0

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
689	d/ 50	July 19, 1925	T,E, 50	P	Casing: 151 feet of 24-inch and 829 feet of 10-inch. Screen at 708-729, 808-848, and 898-978 feet. Liner: 151 feet of 10-inch, and 829 feet of 8-inch. Estimated yield 420 gallons a minute January 1942. Owner's Number Central D-17.
	108.8	July 27, 1939			
	113.7	Sept. 9, 1941			
692	--	--	T,E, 5	P	
693	--	--	A,E, 20	P	Casing: 252 feet of 6-inch and 111 feet of 4-inch. Screen at 206-248 and 322-363 feet. Estimated yield 100 gallons a minute in 1941.
697	59.5	Feb. 4, 1931	A,-	P	
698	--	--	A,-	P	Screen from 786 to 808 feet. Diameter of original casing: 6-inch.
700	--	--	A,-	P	Casing: 1,221 feet of 8-inch and 174 feet of 4½-inch. Screen from 1,303 to 1,383 feet. Liner installed by Layne-Texas Company in 1931.
701	--	--	T,E, 20	P	Estimated yield 350 gallons a minute in 1941. Owner's No. 1.
704	--	--	A,E, 50	Ind	Diameter of original casing: 3-inch.
706	--	--	T,E, --	P	Casing: 240 feet of 12-inch, 220 feet of 8-inch and 55 feet of 6-inch. Screen at 240-280, 320-335 and 460-515 feet. Stand-by
707	--	--	A,-	P	Estimated yield 150 gallons a minute in 1941. for well 645.
709	d/ 69	July 24, 1926	A,-	P	Deepened from 858 to 927 feet in 1920. Estimated yield 100 gallons a minute in 1941.
	87.5	Feb. 3, 1931			
710	86.8	Feb. 18, 1931	A,-	P	Casing: 825 feet of 8-inch and 70 feet of 6-inch. Screen from 844 to 894 feet. Stand-
711	125	Sept. 14, 1940	None	N	Screen from 824-884 feet. by for well 644.
712	81.8	Feb. 5, 1931	T,E, 15	P	Deepened from 708 to 934 feet by McMasters & Pomeroy in 1930. Original diameter of casing 8-inch. Reported yield 130 gallons a minute
713	--	--	A,-	P	Stand-by for well 638. in 1941.
714	--	--	A,-	P	Diameter of original casing: 6-inch.
715	--	--	A,-	P	Casing: 755 feet of 3-inch and 133 feet of 6-inch. Screen frcm 813 to 873 feet.
716	--	--	A,-	P	
717	84.1	Jan. 28, 1931	A,-	P	Diameter of original casing: 6-inch.
720	66.8	Feb. 1, 1931	T,E, 15	P	Old casing pulled and new casing installed by McMasters & Pomeroy in 1931. Screen from 500 to 540 feet.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
721	$\frac{1}{4}$ mile southwest	Texas State Hotel	Layne-Texas Co.	1930	745	8,6	--
722	do.	The Texas Company Building	J. E. Roberts	1915	1,335	8,4 $\frac{1}{2}$	-10.0
723	do.	Shell Building	J. A. Walling	1926	900	4	--
724	$\frac{1}{4}$ mile south	Petroleum Building	Layne-Texas Co.	1926	690	6	--
726	$\frac{1}{4}$ mile southeast	Houston Belt & Terminal R.R.	McMasters & Pomeroy	1931	708	10,8	3.0
728	do.	Burkhart Laundry	do.	1931	1,402	8,6	--
729	$\frac{1}{8}$ mile southeast	Independent Electric Ice Co.	Taylor & Roberts	1921?	380	6	--
730	do.	do.	do.	1927	308	8	2.0
731	$\frac{3}{4}$ mile southeast	Missouri Pacific Lines	Layne-Bowler Co.	1907	1,390	8	--
732	1 mile southeast	Gould Wet Wash Laundry	Layne-Texas Co.	1924	1,391	6,4	--
733	1 mile east	Zero Ice Co.	Layne-Bowler Co.	1923	881	16,10 $\frac{3}{4}$	0
734	do.	do.	do.	1923	646	24,10	--
735	1 $\frac{1}{2}$ miles east	Pritchard Rice Milling Co.	G. C. Warniecke	1907	494	6,3	--
736	1 $\frac{1}{2}$ miles east	Houston Packing Co.	do.	1907	1,618	6-5/8, 5	0
737	do.	do.	Layne-Texas Co.	1930	619	12,8	0
738	do.	do.	McMasters & Pomeroy	1918	417	8	2.0
739	1 $\frac{1}{2}$ miles southeast	Trinity Portland Cement Co.	J. G. Taylor	1927	848	10,8	0

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.)	a/				
721	--	--	--	T,E, 15	P	Casing: 213 feet of 8-inch and 532 feet of 6-inch. Screen at 434-456, 459-559 and 653-694 feet. Yield 245 gallons a minute in 1935. Liner set in 1935 to 745 feet, original depth
722	50.0	--	Jan. 31, 1931	A,-	N	Screen from 1,258 to 1,323 feet. 792 feet. Abandoned in 1940.
723	--	--	--	A,-	P	Diameter of original casing: 6-inch.
724	--	--	--	A,-	P	
726	75.1	--	Jan. 7, 1931	T,E, 25	P	Casing: 325 feet of 10-inch and 383 feet of 8-inch. Screen at 220-240, 619-661 and 685-708 feet. Supplies Union Railroad Station.
728	--	--	--	T,E, 20	Ind	Casing: 1,311 feet of 8-inch and 91 feet of 6-inch. Screen from 1,358 to 1,402 feet. Estimated yield 200 gallons a minute in 1941.
729	--	--	--	A,E, 10	Ind	Temperature 80° F. See log.
730	d/ 63	--	Apr. 1929	A,E, 10	Ind	
	73.9	--	Jan. 29, 1931			
731	--	--	--	T,E, 25	RR	Screen at 1,270-1,330 and 1,350-1,390 feet. Yield 285 gallons a minute in 1941. Supplies
732	--	--	--	T,E, 15	Ind	Casing: 1,341 feet of I. & G.N. R.R. Yards, 6-inch and 50 feet of 4-inch. Screen from 1,347 to 1,391 feet. Estimated yield 150 gallons a minute in 1940.
733	d/ 56	--	Feb. 23, 1938	T,E, 30	Ind	Casing: 145 feet of 10-inch. Screen at 16-inch and 736 feet of 10-inch. Screen at 149-229, 370-390, 474-513 and 652-693 feet. Estimated yield 375 gallons a minute in 1938.
734	--	--	--	None	N	Casing: 86 feet of 24-inch Owner's No. 2. and 560 feet of 10-inch. Screen at 320-355, 457-516 and 616-646 feet. Owner's No. 1.
735	--	--	--	A,-	Ind	Screen from 452 to 494 feet. Liner set by Layne-Texas Company in 1940. Yield 50 gallons
736	d/ 72	--	Feb. 1938	A,-	Ind	Deepened from 1,308 to a minute in 1940. 1,618 feet in January 1938 by Layne-Texas Company. Casing: 945 feet of 6-5/8-inch and 673 feet of 5-inch. Screen from 1,537 to 1,617 feet. Estimated yield 270 gallons a minute in 1941.
737	d/ 54	--	May 1930	T,E, 25	Ind	Casing: 133 feet of 1940. Owner's No. 1. 12-inch and 486 feet of 8-inch. Screen at 235-256, 339-362, 522-546 and 578-611 feet. Estimated yield 270 gallons a minute in 1941.
738	62.4	--	Jan. 8, 1931	None	N	Screen at 243-264 and 354-416 feet. Owner's No. 2.
	76.2	--	Sept. 29, 1941			
739	d/ 87.5	--	Jan. 1931	A,-	Ind	Casing: 532 feet of 10-inch and 316 feet of 8-inch. Screen at 631-672 and 804-848 feet. Yield 90 gallons a minute in 1939.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
744	2 $\frac{1}{2}$ miles northeast	City of Houston	McMasters & Pomeroy	1931	1,876	24, 12 $\frac{1}{2}$	2.5
747	3 miles northeast	Southern Pacific Co.	J. W. Jackson	1925	948	8, 6	0
748	4 $\frac{3}{4}$ miles northeast	Gulf Pipe Line Co.	Layne-Bowler Co	1911	720	6	0.4
749	5 $\frac{3}{4}$ miles northeast	H. Jaschke	A. E. Rawcett, Sr.	1930	179	3, 2	--
750	5 miles northeast	Texas Pipe Line Co.	McMasters & Pomeroy	1919	897	6	--
751	do.	do.	J. A. Walling	1915	540	6	3.7
757	4 miles east	Layne-Bowler Co.	Layne-Texas Co.	1929	676	10	0
759	4 $\frac{3}{4}$ miles east	Port City Compress and Warehouse Co.	W. W. Morton	--	569	4	1.5
760	do.	Houston Oil Terminal Co.	McMasters & Pomeroy	1920	732	6, 4	--
761	3 $\frac{1}{4}$ miles southeast	Reed Roller Bit Co.	do.	1930	520	8	0
762	1 $\frac{1}{2}$ miles east	Houston Packing Co.	Layne-Texas Co.	1936	424	13-3/8, 8	0
763	1 mile southeast	Farmers & Merchants Creamery Co.	A. E. Rawcett, Sr.	1938	260	6	--
764	do.	Coca Cola Bottling Co.	Layne-Texas Co.	1935	824	6	0

Well No.	Water Level Below measuring point (ft.) a/	Level Date of measurement	Method of lift b/	Use of water c/	Remarks
744	73.5	Mar. 17, 1938	T, E, 200	P	Casing: 300 feet of 24-inch and 1,576 feet of 12 $\frac{1}{2}$ -inch. Screen at 1,015-1,035, 1,115-1,160, 1,225-1,245, 1,325-1,345, 1,370-1,390, 1,570-1,615, 1,785-1,830 and 1,850-1,870 feet. Gravel-walled. Yield 2,260 gallons a minute in January 1942. Owner's Number Northeast 1.
	84.2	Aug. 23, 1940			
	95.8	Sept. 10, 1941			
747	d/ 30	May 1925	A, --	Ind	Casing: 806 feet of 8-inch and 142 feet of 6-inch. Screen at 739-758, 781-803, 847-868 and 927-947 feet. Supplies T. & N.O. Screen at 539-579 and 697-714 feet. Original flow 40 gallons a minute. See log.
748 +	4.0	Nov. 1911	None	N	Screen at 539-579 and 697-714 feet. Original flow 40 gallons a minute.
	48.1	Jan. 14, 1931			
	84.9	Jan. 26, 1942			
749	--	--	C, E, 1, 4	D, S	
750	--	--	C, E, --	D	Screen at 857-897 feet.
751	52.3	Mar. 19, 1931	None	N	Flowed until 1918.
	61.0	May 19, 1937			
	94.3	June 26, 1942			
757	57.6	Feb. 25, 1931	T, E, 15	Ind	Screen at 577-635 and 649-670 feet. Gravel-walled. Yield 660 gallons a minute with draw-down of 46 feet when drilled.
	58.1	Mar. 16, 1936			
	97.5	Jan. 26, 1942			
759	56.9	Feb. 26, 1931	A, E, 15	D	Deepened from 396 to 569 feet by Layne-Texas Company in 1930. Screen from 544 to 566 feet.
	61.8	Mar. 16, 1936			
	106.1	Jan. 26, 1942			
760	--	--	T, E, 5	D, Ind	Casing perforated from 440 to 500 feet. Screen from 672 to 732 feet.
761	d/ 90	1939	T, E, --	Ind	Screen at 258-278, 387-408 and 459-480 feet. Yield 275 gallons a minute in 1939. Owner's
762	d/ 71	Dec. 23, 1936	T, E, 40	Ind	Casing: 259 feet of 13-3/8-inch and 165 feet of 8-inch. Screen at 359-368 and 381-420 feet. Gravel-walled. Yield 500 gallons a minute with drawdown of 43 feet when drilled. Owner's No. 4.
763	--	--	T, E, 5	Ind	Yield 90 gallons a minute when drilled.
764	d/ 70.4	Aug. 1933	T, E, 30	Ind	Deepened from 556 to 824 feet in 1940. Screen at 524-561, 640-661, 705-726 and 789-810 feet. Yield 425 gallons a minute with drawdown of 23 feet in 1940.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
765	1 mile south	Seven-up Bottling Co.	Layne-Texas Co.	1937	388	7,5	0
766	2 miles southeast	Nehi Bottling Co.	Failing Drilling Co.	1934	565	6	--
767	2½ miles southeast	City of Houston	Layne-Texas Co.	1938	957	21½, 12¾	0 2.5
768	¾ miles south	Ben Coyle	Texas Water Supply Corp.	1939	500	6	--
769	do.	Bernard Sakowitz	do.	1940	285	6	--
770	do.	C. W. Edwards	McMasters & Pomeroy	1938	555	6	--
771	do.	Ben Taub	Texas Water Supply Corp.	1940	295	8,6	--
772	3 miles southwest	Albert Plummer	do.	1936	745	8,7	--
773	¾ miles southwest	Herman Hospital	Layne-Texas Co.	1937	417	10¾, 5	0
774	3 miles southwest	Parklane Apartments	Texas Water Supply Corp.	1939	490	8,6	--
775	¾ miles southwest	City of Houston	Layne-Texas Co.	1935	1,796	24, 12½, 8-5/8, 7	0
776	1½ miles southwest	Ideal Laundry	J. W. Jackson	--	300+	6	--
777	3 miles southwest	Wilshire Village Apartments	Texas Water Supply Corp.	1939	526	8,6	--
778	¾ miles southwest	H. C. Weiss	Layne-Texas Co.	1936	404	6,4	1.0
779	¾ miles southwest	American Service Co.	McMasters & Pomeroy	1937	584	10	1.8
780	3 miles southwest	Hollyfield Laundry	Layne-Texas Co.	1936	727	8,6	2.5
783	6 miles southwest	Houston Riding & Polo Club	--	1927?	350+	4	0.5

Well No.	Water Level Below measuring point (ft.) g/	Date of measurement	Method of lift b/	Use of water c/	Remarks
765	d/ 66	Mar. 7, 1937	T, E, 10	Ind	Casing: 298 feet of 7-inch and 91 feet of 5-inch. Screen from 340 to 386 feet. Yield 85 gallons a minute with drawdown of 26 feet when drilled.
766	--	--	T, E, 10	Ind	Screen from 543 to 565 feet. Estimated yield 90 gallons a minute in 1941.
767	d/ 90	Apr. 28, 1938	T, E, 150	P	Casing: 473 feet of 2 1/2-inch and 484 feet of 1 3/4-inch. Screen at 470-481, 510-522, 537-596, 650-670, 695-715, 735-766 and 814-945 feet. Gravel-walled. Yield 1,670 gallons a minute January 1942. Owner's Number Scott Street 5.
	121.8	May 20, 1941			Screen from 460 to 500 feet.
768	--	--	T, E, 7 1/2	D	Screen from 265 to 285 feet.
769	--	--	T, E, 7 1/2	D	Screen from 265 to 285 feet.
770	--	--	T, E, 7 1/2	D	Screen at 470-491 and 525-545 feet. Yield 165 gallons a minute when drilled.
771	--	--	T, E, 7 1/2	D	Screen from 265 to 295 feet. Yield 100 gallons a minute when drilled.
772	--	--	T, E, --	D	Screen from 685 to 745 feet.
773	d/ 56	Aug. 1937	T, E, 10	P	Casing: 292 feet of 10 1/2-inch and 25 feet of 5-inch. Screen from 366 to 415 feet. Gravel-walled. Yield 260 gallons a minute with drawdown of 36 feet when drilled.
774	--	--	T, E, 5	P	Screen from 450 to 490 feet. Yield 125 gallons a minute when drilled.
775	d/ 96	July 4, 1926	T, E, 250	P	Casing: 300 feet of 24-inch when drilled, and 496 feet of 12 1/2-inch. Screen at 1,089-1,132, 1,171-1,193, 1,288-1,310, 1,351-1,410, 1,475-1,580 and 1,661-1,756 feet. Gravel-walled. Liner: 8-inch from 1,410 to 1,598 feet and 7-inch from 1,598 to 1,756 feet. Yield 1,730 gallons a minute January 1942.
776	--	--	T, E, 7 1/2	Ind	Owner's Number South End 6.
777	--	--	T, E, 7 1/2	P	Screen from 506 to 526 feet; also 20 feet of screen between 400 and 500 feet. Yield 150 gallons a minute when drilled.
778	80.9	Jan. 27, 1942	T, E, --	D	Casing: 340 feet of 6-inch and 64 feet of 4-inch. Screen from 360 to 402 feet. Yield 60 gallons a minute when drilled.
779	81.6	Jan. 28, 1942	T, E, 30	Ind	Screen at 334-355, 382-421 and 534-584 feet. Yield 550 gallons a minute when drilled. Supplies ice plant.
780	78.8	May 21, 1941	T, E, 10	Ind	Casing: 205 feet of 8-inch and 522 feet of 6-inch. Screen from 686 to 724 feet. Yield 175 gallons a minute with drawdown of 20 feet when drilled.
783	39.1	Mar. 14, 1936	A, G, 5	D, S	
	56.2	Jan. 28, 1942			

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
784	5 $\frac{1}{2}$ miles southwest	Houston Gun Club	--	1930	360 $^+$	--	--
787	2 $\frac{3}{4}$ miles southwest	American Service Co.	-- Taylor	1926	701	10	3.0
788	1 $\frac{1}{2}$ miles southwest	Shepherd Laundries	McMasters & Pomeroy	1930	1,416	8,6	0 1.8
789	1 $\frac{1}{2}$ miles southwest	Henke & Pillot	J. A. Walling	1923	565	6,4	--
790	2 $\frac{1}{4}$ miles southwest	Southern United Ice Co.	Layne-Texas Co.	1926	602	16,10	1.5
791	3 miles southwest	Warwick Hotel	McMasters & Pomeroy	1932	576	10	0
793	3 $\frac{1}{4}$ miles southwest	City of Houston	Layne-Texas Co.	1931	1,618	24,12	0 1.5
794	do.	do.	Layne-Bowler Co.	1919	777	24,10	2.0 2.0
795	do.	do.	do.	1917	830	24,12, 10,8	0 2.5
797	3 $\frac{3}{4}$ miles southwest	Rice Institute	do.	1910	910	6	1.5
798	do.	do.	do.	1916	900	6	0
808	6 $\frac{3}{4}$ miles southwest	Gem Electric Co.	McMasters & Pomeroy	1929	233	8 $\frac{1}{2}$	0
809	do.	do.	--	Old	1,100 $^+$	4 $\frac{1}{2}$	4.0
811	7 $\frac{1}{2}$ miles southwest	Harris County	McMasters & Pomeroy	1931	385	6	1.0
815	5 miles southwest	Greenwood Sanitarium	Layne-Bowler Co.	1912	892	6	--
820	5 $\frac{1}{4}$ miles southwest	Institute Place	Layne-Texas Co.	1928	309	8,6	0.4
821	6 $\frac{1}{4}$ miles southwest	Houston Gulf Gas Co.	--	1929	211	3	--

Well No.	Water Level Below measuring point (ft.) $\frac{a}{b}$	Date of measurement	Method of lift $\frac{b}{c}$	Use of water $\frac{c}{d}$	Remarks
784	--	--	C,E, --	D,S	
787	73.4	Jan. 28, 1942	None	N	Owner's No. 1.
788 $\frac{d}{e}$	80	July 1920	T,E, 15	Ind	Casing: 1,274 feet of 8-inch and 142 feet of 6-inch. Screen at 1,336-1,377 and 1,395-1,416 feet. See log.
	120.2	May 25, 1941			
789	--	--	T,E, 5	Ind	Screen from 494 to 560 feet.
790	57.0	Jan. 17, 1931	T,T, 5	Ind	Casing: 115 feet of 16-inch and 487 feet of 10-inch. Screen at 365-386, 420-458, 539-560 and 579-597 feet. Yield 75 gallons a minute in 1941.
	85.3	Jan. 28, 1942			
791	57.9	July 7, 1932	T,E, 7 $\frac{1}{2}$	P	Screen at 403-430, 464-482 and 556-566 feet. Yield 150 gallons a minute when drilled.
793 $\frac{d}{e}$	70	1931	T,E, 200	P	Casing: 300 feet of 24-inch and 1,318 feet of 12-inch. Screen at 1,275-1,296, 1,333-1,433 and 1,455-1,594 feet. Gravel-walled. Yield 1,980 gallons a minute January 1942. Owner's
	107.6	Mar. 4, 1941			
794	79.0	May 26, 1939	T,E, 75	P	Casing: 94 Number South End 5. See log. feet of 24-inch and 683 feet of 10-inch. Screen at 260-282, 347-409, 442-464, 501-514, 526-547, 590-611, 686-704 and 719-776 feet. Liner: 94 feet of 10-inch and 683 feet of 8-inch. Yield 800 gallons a minute January 1942. Owner's
	86.2	May 21, 1941			
795 $\frac{d}{e}$	29	1917	T,E, 75	P	Casing: 119 feet of Number South End 4. 24-inch and 711 feet of 12-inch. Screen at 489-569 and 644-824 feet. Liner: 308 feet of 10-inch and 522 feet of 8-inch. Yield 730 gallons a minute. Owner's Number South End 2.
	85.6	June 9, 1941			
797	68.4	Jan. 24, 1931	None	N	Screen from 847 to 903 feet.
798	71.9	Jan. 27, 1942	None	N	
808 $\frac{d}{e}$	21	Apr. 1929	None	N	Screen from 204 to 232 feet.
809	43.6	Feb. 16, 1931	None	N	Flowed when drilled.
	43.8	May 19, 1937			
	70.8	Jan. 27, 1942			
811	33.1	Apr. 17, 1931	T,E, 5	P	Supplies swimming pool at Bellaire School for Girls.
815	--	--	A,E, 5	P	Screen from 818 to 880 feet. See log.
820	40.2	June 3, 1941	None	N	Casing: 100 feet of 8-inch and 209 feet of 6-inch. Screen from 277 to 300 feet.
821	--	--	C,E, --	D	

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
823	7½ miles southwest	Moody Corp.	--	1912	275	4	--
825	do.	Navarro Oil Co.	Humble Oil & Refining Co.	1921	385	4	--
832	8 miles southwest	Burt Taylor	-- Tiller	1930	100	4	--
834	do.	Navarro Oil Co.	Navarro Oil Co.	--	380	4½	--
837	8½ miles southwest	C. W. Mowery	C. L. Mowery	1922	260	4	--
839	8 miles southwest	L. N. Liesman	Layne-Texas Co.	1931	231	2	0
840	7½ miles southwest	City of Bellaire	do.	1937	827	10½, 5	1.5
841	3¼ miles southeast	Houston Country Club	do.	1934	899	10, 6	0
842	do.	do.	do.	1939	1,131	13-3/8, 7	0
843	3½ miles southeast	J. R. Baier	do.	1934	309	6, 4	0
844	do.	Mrs. E. F. Simms	McMasters & Pomeroy	1940	590	5, 4	0
845	3 miles southeast	Gulf Brewing Co.	Layne-Texas Co.	1934	1,123	24, 10	--
846	2 miles southeast	Gulf Concrete Pipe Co.	I. H. Mowery	1941	276	4½, 2½	--
847	1½ miles southeast	Houston Belt & Terminal R.R.	McMasters & Pomeroy	1937	872	10	--
848	1½ miles southeast	Houston Electric Co.	Layne-Texas Co.	1939	583	6, 4	0
849	2¼ miles southeast	J. Weingarten, Inc.	Texas Water Supply Corp.	1939	915	8, 6	--
850	3½ miles southeast	Reed Roller Bit Co.	McMaster & Pomeroy	1937	847	8	--
851	1½ miles south	Polar Wave Ice Co.	Taylor & Roberts	1924	386	12	30.0
852	do.	do.	do.	1921	660	12	--
853	1 mile southeast	Houston Ice & Cold Storage Co.	--	--	650+	6	0.5

Well No.	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
823	--	--	A,E, 15	D	
825	--	--	A,E, 15	D,Ind	
832	--	--	C,E, 4	D,S	
834	--	--	C,E, --	D	
837	--	--	C,W	D,S	
839	d/ 33	Sept. 1931	A,E, --	D,S	
840	56.6	Jan. 28, 1942	T,E, 15	P	Casing: 614 feet of 10 $\frac{1}{2}$ -inch and 213 feet of 5-inch. Screen from 651 to 708 feet. Yield
841	d/ 45	Mar. 1934	T,E, 5	P,Irr	Casing: 260 gallons a minute when drilled. 334 feet of 10-inch and 565 feet of 6-inch. Screen at 401-423, 467-488 and 861-897 feet. Supplies swimming pool. Owner's No. 2. See
842	d/ 87	June 9, 1939	T,E, 50	P,Irr	Screen from 1,030 to 1,131 feet. log. Yield 800 gallons a minute with drawdown of 61 feet when drilled. Supplies Golf course.
843	d/ 62	Oct. 1934	T,E, --	D	Screen from 269 to 292 feet. Owner's No. 3. Gravel-walled. Yield 60 gallons a minute when
844	d/ 87	May 20, 1940	A,-	D	Casing: 196 feet of 5-inch and 394 drilled. feet of 4-inch. Screen at 543-563 and 574-584 feet. Yield 140 gallons a minute when drilled.
845	--	--	T,E, 75	Ind	Casing: 205 feet of 24-inch Owner's No. 4. and 918 feet of 10-inch. Screen at 853-876, 897-938, 959-1,000 and 1,081-1,103 feet.
846	--	--	J,E, 3	Ind	Screen from 256 Gravel-walled. Owner's No.3. to 276 feet.
847	--	--	T,E, 30	RR	Screen from 812 to 872 feet. Estimated yield 375 gallons a minute in 1941. Supplies H.B. &
848	d/ 94	Dec. 27, 1939	T,E, 5	Ind	Casing: T. R.R. Roundhouse. Owner's No. 2. 493 feet of 6-inch and 90 feet of 4-inch. Screen at 515-529 and 548-570 feet. Estimated yield 100 gallons a minute in 1941.
849	--	--	T,E, 15	Ind	Screen from 855 to 915 feet. Yield 150 gallons a minute when drilled. Supplies bakery and
850	--	--	T,E, 30	Ind	Screen at 632-675, 762-783 and warehouse. 805-825 feet. Yield 300 gallons a minute when
851	91.7	Jan. 17, 1931	A,-	Ind	Screen at drilled. Owner's No. 2. See log. 163-182, 222-264 and 364-386 feet. Stand-by
852	--	--	T,E, 15	Ind	Estimated yield 250 gallons a for well 852. minute in 1941. Temperature 76° F.
853	71.3	Jan. 8, 1931	None	N	
	97.3	Jan. 23, 1942			

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
854	1 mile southeast	Houston Ice & Cold Storage Co.	Layne-Texas Co.	1925	854	16,10,6	0
855	2 $\frac{1}{4}$ miles southeast	City of Houston	do.	1926	1,521	24,16,8	0
856	do.	do.	do.	1925	866	24,18,10	0
857	2 $\frac{1}{2}$ miles southeast	do.	do.	1928	1,350	24,16,12	0 0.5
858	do.	do.	do.	1931	1,756	24,12 $\frac{1}{2}$	0
860	1 $\frac{3}{4}$ miles southeast	Henke and Pillet	do.	1931	908	8,6,4	2.0
861	do.	Arctic Ice Co.	Layne-Bowler Co.	1923	595	8	--
862	1 $\frac{1}{2}$ miles southeast	Houston Belt & Terminal R.R.	McMasters & Pomeroy	1924	832	8	--
863	2 $\frac{1}{4}$ miles southeast	Standard Ice Co.	do.	1929	960	10	--
864	do.	do.	do.	1929	550	8,6	--
865	do.	Texas Ice & Fuel Co.	do.	1928	272	5	--
866	do.	do.	do.	1928	401	10	--

Well No.	Water level Below measuring point (ft.) g/	Date of measurement	Method of lift b/	Use of water e/	Remarks
854	d/ 46	July 1, 1935	None	N	Casing: 99 feet of 16-inch, 445 feet of 10-inch and 310 feet of 6-inch. Screen at 224-266, 366-388, 421-442, 542-564, 704-764 and 831-853 feet. Abandoned in 1940.
	108.1	July 8, 1941			
855	d/ 22	Jan. 11, 1926	T, E, 100	P	Casing: 140 feet of 24-inch, 1,110 feet of 16-inch and 271 feet of 8-inch. Screen from 1,323 to 1,521 feet. Gravel-walled. Yield 1,150 gallons a minute January 1942. Owner's Number Scott Street 2.
	73.3	May 23, 1933			
	112.9	Oct. 11, 1939			
856	d/ 49	June 5, 1925	T, E, 75	N	Casing: 155 feet of 24-inch, 455 feet of 18-inch and 256 feet of 10-inch. Screen at 651-705, 728-792 and 834-866 feet. Liner: 300 feet of 12-inch and 566 feet of 6-inch. Abandoned in 1940. Owner's Number Scott Street 1.
	77.9	May 23, 1933			
	88.6	Apr. 25, 1938			
	107.5	Apr. 25, 1939			
	119.6	May 20, 1941			
857	d/ 62	Aug. 4, 1928	T, E, 150	P	Casing: 250 feet of 24-inch, 410 feet of 16-inch and 690 feet of 12-inch. Screen at 533-576, 638-661, 703-723, 756-777 and 816-919 feet. Gravel-walled. Yield 1,390 gallons a minute January 1942. Owner's Number Scott
	112.6	Aug. 21, 1939			
858	d/ 58	May 19, 1931	T, E, 150	P	Casing: 300 feet of 24-inch and Street 3. 1,456 feet of 12 $\frac{1}{2}$ -inch. Screen at 1,030-1,045, 1,061-1,082, 1,108-1,151, 1,344-1,366, 1,409-1,428, 1,472-1,513, 1,535-1,556, 1,596-1,607 and 1,688-1,750 feet. Gravel-walled. Yield 2,320 gallons a minute January 1942.
	102.9	Apr. 25, 1939			
860	72.1	Aug. 12, 1931	T, E, 10	Ind	Deepened from 608 to 908 feet in 1936. Casing: 451 feet of 8-inch. 38 feet of 6-inch and 419 feet of 4-inch. Screen from 839 to 903 feet. Yield 150 gallons a minute with drawdown of 14 feet in 1936. Supplies East End store. See log.
	d/ 88	Sept. 17, 1936			
861	--	--	T, E, 3	Ind	Yield 30 gallons a minute in 1940.
862	--	--	A, --	RR	Stand-by for well 847 at H.B. & T. R.R. Round-house. Owner's No. 1.
863	--	--	T, E, 25	Ind	Screen at 632-653, 823-865 and 903-960 feet. Yield 350 gallons a minute when drilled.
	--	--	T, E, 10	Ind	Deepened from 403 to 550 feet in 1936. Screen at 240-261, 343-404 and 527-550 feet. Yield
865	--	--	A, E, 30	Ind	Screen from 252 175 gallons a minute in 1936. to 272 feet. Estimated yield 50 gallons a minute in 1941. Owner's No. 1..
	--	--	A, E, 30	Ind	Screen at 252-272 and 357-401 feet. Estimated yield 200 gallons a minute in 1941. Owner's No. 2.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
867	3 miles southeast	Texas Ice & Fuel Co.	Taylor & Roberts	1922	870	10	0 12.0
868	do.	Hughes Tool Co.	Layne-Texas Co.	1923	694	16, 10	1.0
869	do.	do.	do.	1926	1,096	24, 18, 10	0
870	2 $\frac{1}{2}$ miles southeast	Hygeia Ice Co.	McMasters & Pomeroy	1928	728	10, 8	1.5
872	4 $\frac{1}{4}$ miles southeast	Houston Belt & Terminal R.R.	do.	1924	824	8, 6	0
876	3 $\frac{3}{4}$ miles southeast	Houston Country Club	Layne-Bowler Co.	Old	--	24	0.5
877	3 $\frac{3}{8}$ miles southeast	Marshall Ice Co.	McMasters & Pomeroy	1928	508	10	0
878	4 $\frac{3}{4}$ miles southeast	Houston Compress Co.	Layne-Texas Co.	1929	905	15 $\frac{1}{2}$, 8	0.5
879	4 $\frac{1}{4}$ miles southeast	City of Houston	do.	1925	1,033	24, 12	0 2.0
881	5 $\frac{1}{4}$ miles southeast	Terminal Warehouse Co.	--	1911?	650	6, 4	3.5 2.0
883	6 $\frac{1}{2}$ miles southeast	Carnegie-Illinois Steel Corp.	McMasters & Pomeroy	1927	841	6	15.0
887	5 $\frac{3}{4}$ miles southeast	Eastern States Petroleum Co.	do.	1919	1,350	8	--
888	6 miles southeast	do.	do.	1922	950	6	--

Well No.	Water Level Below measuring point (ft.) a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
867	d/ 25.5	1921	A, *	Ind	Screen at 251-288, 374-415, 553-573, 682-720 and 830-870 feet.
	72.9	Jan. 16, 1931			
868	50.3	Jan. 8, 1931	None	N	Casing: 85 feet of 16-inch and 609 feet of 10-inch. Screen at 369-389, 520-562 and 655-694 feet. Owner's No. 1.
	93.0	Jan. 23, 1942			
869	d/ 32	May 3, 1926	T, F, *	Ind	Casing: 162 feet of 24-inch and 934 feet of 10-inch. Screen at 838-877, 959-1,040 and 1,057-1,096 feet. Estimated yield 865 gallons a minute in 1940. Owner's No. 2.
	62.6	Jan. 8, 1931	**		
870	60.6	Jan. 16, 1931	T, F, 15	Ind	Screen at 197-254, 390-414, 459-484, 616-659 and 680-708 feet. Yield 300 gallons a minute
872	d/ 27	July 1924	T, F, 10	RR	Casing: 777 feet of 8-inch and 47 feet of 6-inch. Screen from 777 to 812 feet. Yield 125 gallons a minute in 1941. Stand-by for well 919. Owner's No. 1.
876	51.4	Jan. 16, 1931	None	N	
	87.0	Jan. 23, 1942			
877	d/ 82	June 1941	T, F, 7 1/2	Ind	Screen at 266-288, 309-325, 392-419 and 464-486 feet. Estimated yield 125 gallons a minute
878	48.3	Jan. 21, 1931	T, F, --	Ind	Casing: 162 feet of 15 1/2-inch and 743 feet of 8-inch. Screen at 713-754, 796-817 and 870-888 feet. Yield 365 gallons a minute when drilled.
	58.2	May 20, 1937			
	96.3	Dec. 19, 1941			
879	d/ 40	June 5, 1925	T, F, 75	P	Casing: 125 feet of 24-inch and 908 feet of 12-inch. Screen at 475-496, 514-533, 556-586, 685-705, 746-767, 787-806, 869-888 and 987-1,025 feet. Estimated yield 1,100 gallons a minute, January 1942. Owner's Number Magnolia Park 2.
	84.4	Mar. 21, 1939			
	94.6	May 21, 1941			
881	54.4	Jan. 21, 1931	None	N	
	61.9	May 19, 1937			
	95.7	Jan. 26, 1942			
883	100.2	Nov. 21, 1938	A, *	Ind	Screen at 592-655 and 787-841 feet.
	124.8	Nov. 18, 1941			
887	**	**	T, F, 15	Ind	Estimated yield 200 gallons a minute in 1941. Supplies oil refinery. Owner's No. 1.
888	--	--	A, *	Ind	Estimated yield 150 gallons a minute in 1941. Supplies oil refinery. Owner's No. 2.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
890	6 miles southeast	Consolidated Chemical Co.	Layne-Texas Co.	1926	1,150	24,10,7	0
892	do.	Lone Star Cement Co.	Layne-Bowler Co.	1921	1,283	12,8,6	2.5
894	do.	Southern Pacific Co.	--	1906	627	8	--
895	6½ miles southeast	City of Houston	Layne-Texas Co.	1930	1,637	24,12½	0 3.5 3.5
897	8½ miles southeast	East End Water Works	L. Patterson	1926	670	6	0
903	4¾ miles south	M. E. Foster	J. W. Jackson	1928	288	6,3	--
905	7½ miles southeast	City Prison Farm	--	--	1,900+	--	0
906	7¾ miles southeast	Garden Villas Subdivision	Layne-Texas Co.	1929	908	8,5	0
907	do.	do.	-- Williams	1923	897	8,6	--
909	9¼ miles southeast	J. W. Madden	--	--	900+	8	1.3
910	9¾ miles southeast	O'Donald Est.	--	--	550+	30,-	1.5
911	9 miles southeast	do.	--	--	500+	30,-	0
912	9¼ miles south	Geo. A. Swengel	Layne-Bowler Co.	1913	653	24,13,12,10	0
913	6¾ miles southeast	Allen Est.	McMasters & Pomeroy	1924	876	8,6	1.5

Well No.	Water level Below measuring point (ft.) a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
890	d/ 46.6	Aug. 1926	T,E, --	Ind	Casing: 140 feet of 24-inch and 1,010 feet of 10-inch; 7-inch liner installed in 1937. Screen at 605-628, 752-809, 1,062-1,106 and 1,127-1,147 feet. Yield 700 gallons a minute in 1937. Owner's No. 2. See log.
	81.0	May 19, 1937			
	112.4	Mar. 28, 1941			
892	d/ 40	May 25, 1928	T,E, 50	Ind	Casing: 99 feet of 12-inch, 930 feet of 8-inch and 254 feet of 6-inch. Screen at 767-808, 945-1,044, 1,050-1,090, 1,150-1,171 and 1,237-1,380 feet. Flowed when drilled. Yield 84
	72.3	Jan. 21, 1931			
894	--	--	None	N	Screen from 607 to <u> </u> gallons a minute in 1941. 627 feet. Flowed approximately 10 gallons a minute when drilled. Ceased flowing in 1917.
895	d/ 49	Oct. 28, 1930	T,E, 160	P	Casing: 300 feet <u> </u> Well abandoned June 1941. of 24-inch and 1,337 feet of 12 $\frac{1}{2}$ -inch. Screen at 1,027-1,084, 1,128-1,158, 1,176-1,195, 1,239-1,259, 1,526-1,566 and 1,588-1,637 feet. Gravel-walled. Yield 1,670 gallons a minute January 1942. Owner's Number East End 1. See
	108.4	Aug. 21, 1939			
	126.9	Sept. 10, 1941			
897	d/ 25.0	June 16, 1926	A,E, 15	P	Screen from 626 to 670 feet. Estimated <u> </u> log. yield 375 gallons a minute in 1939. Auxiliary supply for Meadowbrook Addition. Owner's No. 1.
903	--	--	T,E, 7 $\frac{1}{2}$	P	Supplies Foster Place Subdivision. Owner's No. 3.
905	15.9	Apr. 9, 1931	None	N	
	33.2	Aug. 30, 1940			
906	d/ 31	June 1929	T,E, 15	P	Deepened from 875 to 908 feet in 1939 and 5-inch liner installed. Screen at 643-662, 838-858 and 859-905 feet. Estimated yield 275 gallons a minute in 1939. Owner's No. 2. See log.
	d/ 62	May 20, 1939			
907	--	--	T,E, 15	P	Casing: 753 feet of 8-inch and 144 feet of 6-inch. Screen from 797 to 897 feet. Estimated yield 250 gallons a minute in 1939. Owner's No. 1.
909	20.3	Apr. 9, 1931	C,E	D,S	Measured depth 342 feet. Flowed when drilled. Formerly used for irrigating rice.
	41.5	Jan. 27, 1942			
910	9.6	Apr. 9, 1931	C,W	D,S	Flowed when drilled. Formerly used for irrigating rice.
	12.8	May 10, 1939			
911	33.8	Apr. 9, 1931	None	N	Formerly used for irrigating rice.
	8.3	May 10, 1937			
912	d/ 4	Apr. 9, 1913	T, --	N	Screen from 564 to 642 feet. Formerly used for irrigating rice.
	64.3	May 27, 1937	None	N	
913	94.4	Jan. 26, 1942			Screen from 834 to 876 feet.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
914	3½ miles southeast	R. J. Levy	W. J. Swinehart	1939	633	6,4	0
915	3¼ miles southeast	J. A. Fite	Layne-Texas Co.	1928	486	4,2½	0
916	do.	Port City Packing Co.	Pat O'Day	1936	630	8	--
917	do.	do.	do.	1939	830	8	--
918	do.	Dixon Packing Co.	R. D. Cantwell	1939	622	6	--
919	3½ miles southeast	Houston Belt & Terminal R.R.	McMasters & Pomeroy	1941	860	8	--
920	1 mile southeast	Houston Ice & Cold Storage Co.	Layne-Texas Co.	1940	396	16,7	0
922	8 miles northeast	Harris County	McMasters & Pomeroy	1921	585	8,6	1.5
924	8¼ miles northeast	F. P. Schalies	--	1920	130	2	1.5
926	7 miles east	George Merritt	A. E. Fawcett, Sr.	1930	490	6	--
932	15¾ miles northeast	B. N. Garrett	do.	1926	234	4,2½	--
933	9¼ miles northeast	Champion Paper & Fibre Co.	Layne-Texas Co.	1938	850	3	1.8
934	do.	do.	do.	1938	135	4	0.6
935	10¼ miles northeast	W. H. Taylor	do.	1935	202	3	--
936	9¼ miles northeast	The Texas Co.	do.	1941	619	10¼, 5	0
937	13½ miles east	W. H. Taylor	do.	1939	247	7,4½, 2	--
938	14 miles east	Harris County Fresh Water Supply	McMasters & Pomeroy Dist. No. 6	1940	640	8,6	--
939	14 miles east	San Jacinto Ordnance Depot	Layne-Texas Co.	1941	449	8-5/8, 6-5/8	0

Well No.	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
914	d/ 70	1939	T,E, 7½	D	Casing: 150 feet of 6-inch and 480 feet of 4-inch. Screen from 603 to 633 feet. Yield 120
915	d/ 32	Mar. 5, 1928	T,E, --	N	Screen from [] gallons a minute when drilled. 466 to 486 feet. Abandoned in 1940.
916	--	--	T,E, 15	Ind	Screen from 590 to 630 feet. Yield 75 gallons a minute when drilled.
917	--	--	T,E, 15	Ind	Screen from 750 to 830 feet. Yield 175 gallons a minute when drilled.
918	--	--	T,E, 10	Ind	Yield 100 gallons a minute when drilled.
919	--	--	T,E, 15	RR	Screen from 800 to 860 feet. Yield 175 gallons a minute when drilled. Supplies H.B. & T. R.R.
920	d/ 96	May 5, 1940	T,E, 30	Ind	Casing: 199 feet [] South Yards. Owner's No. 2. of 16-inch and 197 feet of 7-inch. Screen at 244-267, 282-304 and 323-392 feet. Gravel-walled. Yield 500 gallons a minute with draw-down of 65 feet when drilled. Supplies Rio
922	36.6	Mar. 31, 1931	T,E, 5	D,S	Screen [] Grande ice plant. Owner's No. 2. from 545 to 585 feet. Yield 50 gallons a minute in 1939. Supplies Harris County Home
924	29.0	do.	None	N	[] for the Aged.
926	--	--	T,E, 3	P	Auxiliary supply for Industrial Addition. Owner's No. 1.
932	--	--	C,W	D,S	Screen from 214 to 234 feet.
933	57.4	May 3, 1939	None	N	Screen from 841 to 850 feet.
	72.6	Jan. 26, 1942			
934	46.7	May 3, 1939	None	N	Screen from 126 to 135 feet.
	57.2	Jan. 26, 1942			
935	--	--	C,E, --	D,S	Screen from 183 to 202 feet.
936	d/ 84	July 10, 1940	T,E, 10	D,Irr	Screen from 568 to 615 feet. Yield 160 gallons a minute with drawdown of 38 feet when drilled.
937	--	--	C,E, --	D,S	Screen [] Supplies Camp Beaty. Owner's No. 2. from 219 to 247 feet.
938	--	--	T,E, 10	P	Screen from 600 to 640 feet. Yield 200 gallons a minute when drilled. Supplies Channelview
939	d/ 95	Aug. 10, 1941	T,E, 20	Ind	Casing: 372 feet of 8-5/8-inch and [] Addition. 77 feet of 6-5/8-inch. Screen from 397 to 447 feet. Yield 210 gallons a minute with drawdown of 12 feet when drilled. Owner's No. 2.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Goose Creek	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
940	8½ miles west	San Jacinto Ordnance Depot	Layne-Texas Co.	1941	451	8-5/8, 6-5/8	0
941	6½ miles northwest	W. H. Gilbert	T. E. Reidland	1924	128	3, 1½	--
943	do.	Gulf Pipe Line Co.	Layne-Texas Co.	1929	434	6	--
944	8½ miles northwest	J. McDonald	J. W. Evans	1941	228	3, 2	0
945	7½ miles northwest	Harris County Water Control & Improvement Dist. No. 1	McMasters & Pomeroy	1940	606	8, 7, 6	0
946	do.	do.	Layne-Texas Co.	1931	537	8, 6, 4	--
947	11 miles northwest	Leon J. Vetrano	do.	1940	312	12¾, 7	0
948	6 miles northwest	Harris County Fresh Water Supply Dist. No. 1	J. H. Merton	1935	500	4	--
949	6½ miles northwest	U.S. Farm Security Administration	U.S. Farm Security Administration	1940	308	4	--
950	8½ miles north	Jerry Ulrich	T. E. Reidland	1931	91	3, 1½	--
952	8 miles north	A. F. Ulrich	do.	1927	88	2	0
953	7½ miles north	Frank Casino	do.	1928	97	4, 2	0
957	6 miles north	J. W. Plummer	--	--	100	4, 2½	0
960	6½ miles northeast	J. M. Johnson	Amos Jennische	--	344	4, 3	0
961	5½ miles north	J. W. Wilson	--	1929	94	4, 2½	0
962	2¾ miles north	C. Spenser	T. E. Reidland	1930	102	4, 1½	0
965	4 miles northeast	C. Thompkins	C. Thompkins	1931	344	4, 2	0
968	3½ miles northeast	Mrs. L. Terry	Amos Jennische	1924	365	4, 2	--
974	2½ miles northeast	J. B. Gurley	do.	--	480	2	--
975	do.	Harris County	do.	1931	315	4	0
981	4½ miles northwest	-- Golden	J. W. Evans	1940	338	3, 2	--
982	3½ miles northwest	Baytown Ordnance Works Station No. 1364	Texas Water Supply Corp.	1941	521	24, 12	--
983	3½ miles northwest	Humble Oil & Refining Co.	Layne-Texas Co.	1938	905	6-5/8, 2½	0
984	3½ miles northwest	Baytown Ordnance Works Station No. 1364	Texas Water Supply Corp.	1941	509	24, 12	--

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
940	d/ 95	Aug. 18, 1941	T,E, 20	Ind	Casing: 374 feet of 8-5/8-inch and 17 feet of 6-5/8-inch. Screen from 399 to 449 feet. Yield 210 gallons a minute with drawdown of 12 feet
941	--	--	C,E, 1	D	Screen from 118 to 128 feet. when drilled. Owner's No. 1.
943	--	--	A,-	D,Ind	Screen from 328 to 415 feet.
944	d/ 76	Sept. 1941	C,E, 1	D,S	Screen from 222 to 228 feet.
945	d/ 80	Apr. 1940	T,E, 25	P	Screen at 417-479, 508-524 and 569-589 feet. Yield 500 gallons a minute with drawdown of 92 feet when drilled. Supplies Highland Subdivision. Owner's No. 2.
946	--	--	T,E, 15	P	Screen from 502 to 537 feet. Yield 100 gallons a minute when drilled. Supplies Highland Subdivision. Owner's No. 1.
947	d/ 65	Feb. 9, 1940	T,E, --	P	Screen at 201-209 and 225-291 feet. Gravel-walled. Yield 600 gallons a minute when drilled. Supplies Lyondell Park.
948	--	--	T,E, 10	P	Screen from 460 to 500 feet. Owner's No. 1.
949	--	--	T,E, 3½	D,S	Screen from 286 to 308 feet. Yield 70 gallons a minute when drilled. Supplies Sam Houston Farms Project.
950	--	--	C,H	D,S	Screen from 81 to 91 feet.
952	d/ 10	Jan. 22, 1932	C,E, ¼	D	
953	d/ 41	Jan. 14, 1928	C,H	D	Casing: 40 feet of 4-inch and 57 feet of 2-inch.
957	d/ 10	Jan. 22, 1932	C,W	D	Casing: 20 feet of 4-inch and 80 feet of 2½-inch. Temperature 71° F.
960	d/ 34	1932	C,W	D	
961	d/ 10	1932	C,H	D	
962	d/ 16	1930	C,W	D	Casing: 20 feet of 4-inch and 82 feet of 1½-inch.
965	d/ 20	1932	C,H	D,S	Casing: 20 feet of 4-inch and 324 feet of 2-inch.
968	--	--	C,G, 2½	D,S	Casing: 200 feet of 4-inch and 165 feet of 2-inch.
974	--	--	None	N	Flowed when drilled.
975	d/ 15	1932	C,W	P	Supplies Cedar Bayou School.
981	--	--	C,E, 1	D	Screen from 328 to 338 feet.
982	--	--	T,E, 350	Ind	Yield 2,500 gallons a minute when drilled. Owner's No. 30.
983	d/ 60	July 1938	None	N	Test well. Casing: 206 feet of 6-5/8-inch and 699 feet of 2½-inch. Screen from 883 to 905
984	--	--	T,E, 350	Ind	Casing: 274 feet of 24-inch and 235 feet of 12-inch. Yield 2,500 gallons a minute when drilled. Owner's No. 29.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Goose Creek	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
985	5 $\frac{3}{4}$ miles northwest	Harris County Fresh Water Dist. No. 1	C. A. Williams	1939	480	6	--
986	2 $\frac{1}{2}$ miles north	Twin Gables Club	J. W. Evans	1939	320	3,2	0
987	2 $\frac{3}{4}$ miles northeast	Humble Oil & Refining Co.	Layne-Texas Co.	1941	616	6,2	0
988	7 $\frac{1}{4}$ miles north	C. E. Johnson	Amos Jennische	1939	96	4	--
989	do.	do.	-- Dolquist	1893	64	8	--
990	3 $\frac{1}{2}$ miles northeast	J. G. Wolf	J. W. Evans	--	360	4,2	--
991	2 miles west	Humble Oil & Refining Co.	Humble Oil & Refining Co.	1920?	573	6	--
992	1 $\frac{1}{2}$ miles southwest	Grace Oil Co.	J. W. Evans	1940	424	5,4,3	--
993	1 $\frac{1}{4}$ miles southwest	Sun Oil Co.	Sun Oil Co.	--	549	6	--
994	In Goose Creek	City of Goose Creek	Layne-Texas Co.	1927	838	10,6	--
995	do.	do.	Humble Oil & Refining Co.	1927?	970	8,6	--
996	do.	do.	Texas Water Supply Corp.	1939	485	13-3/8, 6	--
997	2 $\frac{1}{4}$ miles northeast	W. H. Barkuloo	Amos Jennische	1933	315	4,2	--
998	2 $\frac{3}{4}$ miles northeast	J. L. Woods	do.	1938	340	4,2	--
999	do.	J. Jennings	do.	1935	360	4,2	--
1000	2 $\frac{1}{2}$ miles northeast	F. W. Smith	do.	1935	318	2	--
1001	1 $\frac{3}{4}$ miles northwest	Bush Terrace Water Co.	--	1930	437	3	0
1002	do.	do.	--	--	437	4,2	--
1005	1 $\frac{1}{2}$ miles southwest	-- Boilstein	Gulf Production Co.	--	640	4	--
1007	1 $\frac{3}{4}$ miles southwest	Crown Oil Co.	Arch Parker	1916	575	8,6	--
1009	In Pelly	City of Pelly	-- Riggs	1928	408	6	--
1011	2 miles northeast	J. L. Sims	Amos Jennische	1918	325	4	0
1014	2 $\frac{1}{4}$ miles northeast	M. George	do.	1913	515	2	0
1015	do.	Mrs. L. Shepherd	do.	1926	365	2	--
1016	1 $\frac{3}{4}$ miles east	John Kilgore	do.	--	490	2 $\frac{1}{2}$	--

Well No.	Water level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.)	a/				
985	--	--		T, T, 10	P	Screen from 440 to 480 feet. Owner's No. 2.
986	d/ 50	1939		C, T, 3	D, P	Screen from 310 to 320 feet.
987	d/ 70	June 1941		None	N	Test well. Casing: 130 feet of 6-inch and 486 feet of 2-inch. Screen from 494 to 504
988	--	--		C, E, 1	D	Screen from 86 to 96 feet. Owner's No. 32.
989	--	--		C, W	S	Wood casing, perforated at bottom.
990	--	--		J, E, --	D	
991	--	--		A, --	D	Screen from 531 to 573 feet. Supplies Goose Creek Camp.
992	--	--		A, --	O	Screen from 394 to 424 feet.
993	--	--		A, --	D	Screen from 509 to 549 feet. Supplies Goose Creek Camp.
994	--	--		T, E, 15	P	Screen from 735 to 834 feet. Estimated yield 250 gallons a minute in 1941. Owner's No. 1.
995	--	--		T, E, 15	P	Casing: 370 feet of 8-inch and 600 feet of 6-inch. Estimated yield 225 gallons a minute in
996	--	--		T, E, 30	P	Casing: 360 feet of 13-1/4 inch. Owner's No. 2. inch and 125 feet of 6-inch. Screen from 385 to 485 feet. Estimated yield 500 gallons a minute in 1941. Owner's No. 3.
997	--	--		C, W	D, S	Screen from 305 to 315 feet.
998	--	--		C, W	D, S	Screen from 330 to 340 feet.
999	--	--		C, E, --	D	Screen from 350 to 360 feet.
1000	--	--		A, --	D	Screen from 308 to 318 feet.
1001	d/ 40	Nov. 11, 1931		A, G, 1 1/2	P	Owner's No. 1.
1002	--	--		C, W	P	Casing: 80 feet of 4-inch and 357 feet of 2-inch. Screen from 417 to 437 feet. Owner's
1005	--	--		C, H	D	Screen from 620 to 640 feet. Owner's No. 2.
1007	--	--		A, --	D, O	
1009	--	--		T, E, 15	P	Yield 150 gallons a minute when drilled.
1011	d/ 40	Jan. 1932		A, G, --	D	
1014	d/ 30	1930		A, E, --	D	
1015	--	--		A, G, 3 1/2	D	Screen from 345 to 365 feet.
1016	--	--		A, G, --	D	

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Goose Creek	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1018	1 $\frac{3}{4}$ miles east	W. Wright	Amos Jennische	1930	85	4,2	0
1019	3 $\frac{3}{4}$ miles south	Captain Charles Crotty	--	1906?	450	2,1 $\frac{1}{2}$	1.1
1020	do.	U.S. Government, Corps of Engineers	-- Bucholtz	1914	450 $^{+}$ ₋	4	0
1021	do.	do.	--	1902?	450 $^{+}$ ₋	2	--
1022	4 miles southwest	Standard Oil Co. of Texas	McMasters & Pomeroy	1938	934	8	0
1051	3 miles northwest	Humble Oil & Refining Co.	Layne-Texas Co.	1925	562	24,16,8	0
1053	3 $\frac{1}{4}$ miles northwest	do.	do.	1929	974	24,12	0
1054	2 $\frac{3}{4}$ miles northwest	do.	do.	1926	572	24,18,12,8	0
1057	2 $\frac{1}{4}$ miles northwest	do.	do.	1923	515	24,18	0
1058	do.	do.	do.	1925	542	24,16,10	0
1067	3 miles east	do.	do.	1925	545	24,16,8	0
1068	3 miles northwest	do.	do.	1937	998	20,10 $\frac{3}{4}$	0
1069	3 $\frac{1}{4}$ miles northwest	do.	do.	1939	297	8-5/8	0
1070	3 miles northwest	do.	do.	1939	268	6-5/8,2	0
1071	do.	do.	do.	1939	282	6-5/8	0
1072	2 $\frac{1}{4}$ miles west	do.	do.	1935	516	24,12 $\frac{1}{2}$	0
1073	2 miles northwest	do.	do.	1936	568	26,16	0

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
1018	d/ 8	Jan. 1932	C,W	D	Casing: 40 feet of 4-inch and 45 feet of 2-inch.
1019	64.7	Jan. 18, 1939	A,-	D	
	77.2	Jan. 26, 1942			
1020	61.6	Jan. 18, 1939	None	N	
	76.1	Jan. 26, 1942			
1021	--	--	A,-	D	
1022	d/ 75	Dec. 1938	T,E, --	D,Ind	Screen at 474-524 and 862-912 feet. Yield 415 gallons a minute with drawdown of 45 feet
1051	d/ 66.6	Oct. 1931	T,E, 125	Ind	Casing: 145 feet of 24-inch, when drilled. 297 feet of 16-inch and 120 feet of 8-inch. Screen from 385 to 535 feet. Owner's No. 12.
1053	74.5	Oct. 1931	T,E, 150	Ind	Casing: 415 feet of 24-inch and 559 feet of 12-inch. Screen at 427-448, 467-530, 751-772, 833-874, 916-936 and
1054	61.5	Oct. 1931	T,E, 125	Ind	Casing: 310 feet of 24-inch, 64 feet of 18-inch, 94 feet of 12-inch and 104 feet of 8-inch. Screen at 310-349 and 451-571 feet. Owner's No. 15. Temperature 74° F.
1057	59.8	Oct. 1931	T,E, 200	Ind	Casing: 325 feet of 24-inch and 190 feet of 18-inch. Screen from 354 to 505 feet. Owner's No. 7. Temperature 76° F.
1058	65.1	Oct. 1931	T,E, 125	Ind	Casing: 145 feet of 24-inch, 259 feet of 16-inch and 138 feet of 10-inch. Screen from 406 to 509 feet. Owner's No. 13. Temperature 77° F.
1067	50.3	Oct. 1931	T,E, 100	Ind	Casing: 126 feet of 24-inch, 172 feet of 16-inch and 247 feet of 8-inch. Screen at 338-378 and 443-543 feet. Owner's No. 10.
1068	d/ 58	May 1937	T,E, 125	Ind	Casing: 588 feet of 20-inch and 410 feet of 10 $\frac{1}{2}$ -inch. Screen at 598-612, 645-667, 709-815, 872-917, 928-941, and 968-988 feet. Yield 900 gallons a minute
1069	d/ 50	Feb. 1939	None	N	Test well. Screen at 91-103, 113-136, 182-204 and 214-247
1070	d/ 71	Feb. 1939	None	N	Test well. Screen at 134-145 and 235-246 feet. Owner's No. 26.
1071	d/ 17	May 1939	T,E, 15	N	Screen at 23-45, 85-95, 102-124 and 218-250 feet. Owner's No. 28.
1072	d/114	Feb. 1935	T,E, 200	Ind	Casing: 365 feet of 24-inch and 151 feet of 12 $\frac{1}{2}$ -inch. Screen from 364 to 506 feet. Yield 1,400 gallons a minute in September 1941.
1073	d/126	Aug. 1936	T,E, 350	Ind	Casing: 350 feet of 26-inch and 218 feet of 16-inch. Screen at 345-385 and 525-565 feet. Yield 2,500 gallons a minute September 1941. Owner's No. 21.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Goose Creek	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1074	3½ miles northwest	Humble Oil & Refining Co.	Layne-Texas Co.	1937	525	8,2	0
1075	In Wooster	Q. G. Barber	do.	1938	520	8-5/8, 6-5/8	0
1076	5 miles northwest	Brownwood Addition	McMasters & Pomeroy	1938	463	6	0
1077	In Baytown	Community Laundry	Layne-Texas Co.	1940	450	6-5/8, 3½	0
1078	do.	C. Ptocek	J. A. Walling	1930	430	8	--
1079	do.	Leger Water Works	A. E. Fawcett, Sr.	1937	442	6	0
1080	4¼ miles southwest	Mrs. H. S. Mitchell	Layne-Bowler Co.	Old	1,374	--	--
1081	4½ miles southwest	Mrs. A. Griffith	A. E. Fawcett, Sr.	1940	557	3	0
1082	do.	A. S. Vandervoort	Layne-Texas Co.	1936	494	4,3,2	0
1083	6½ miles southwest	C. M. Blume	M. R. Pretty	1939	400	2½	0
1084	7 miles southwest	W. B. Weems	I. H. Mowery	1934?	600	4	--
1085	7¼ miles southwest	Paul Kayser	G. Hamilton	1928?	515	4	3.0
1086	7½ miles southwest	L. Sandel	I. H. Mowery	1939?	559	4	--
1087	7¼ miles southwest	Mrs. John Martin	Pete Bucholtz	1934?	478	3	3.5
1088	8 miles southwest	Bay Oaks Addition	--	1905	580	4	--
1039	8¼ miles southwest	Shore Acres	--	1925	600+	6	1.5
1090	do.	W. Ralston	L. Burns	1939	600	4	--
1091	do.	Houston Yacht Club	I. H. Mowery	1941	590	6,4	--
1092	8½ miles south	Red Bluff Addition	-- Ellis	--	520	4	4.0
1093	8¼ miles south	Mrs. M. K. Kennedy	--	--	600	2	2.0
1094	9½ miles southwest	-- Sabu	--	--	500+	6	1.0
1095	10¼ miles south	-- Scott	--	1925?	505	3,2	0
1096	10½ miles south	O. C. Sheer	L. Burns	1936	550	2	0
1097	10¾ miles south	Allen Saint	Wallie Burns	--	510	4	0
1098	7 miles west	San Jacinto Monument	Layne-Texas Co.	1938	499	13-3/8, 7	0

Well No.	Water level Below measuring point (ft.) a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
1074	d/ 80	July 1937	None	N	Test well. Casing; 161 feet of 8-inch and 364 feet of 2-inch. Screen at 424-444, 465-436 and 506-525 feet. Owner's No. 23.
1075	d/103	Mar. 31, 1938	T,E, ---	---	Screen from 466 to 516 feet. Yield 200 gallons a minute with drawdown of 9 feet when drilled.
1076	d/ 75	Oct. 1938	T,E, ---	P	Screen from 421 to 453 feet. Yield 175 gallons a minute with drawdown of 35 feet when drilled.
1077	d/ 98	Feb. 9, 1940	T,E, ---	Ind	Screen from 414 to 429 feet. Yield 60 gallons a minute with drawdown of 61 feet when drilled.
1078	--	--	T,E, 7 1/2	D	Screen from 390 to 430 feet. Yield 55 gallons a minute when drilled.
1079	d/ 93	1937	T,E, 5	P	Screen from 422 to 442 feet. Yield 180 gallons a minute when drilled.
1080	--	--	A,--	D	Screen at 915-956, 1,103-1,125, 1,229-1,250 and 1,272-1,294 feet.
1081	d/ 81	Dec. 1940	J,T, 1 1/2	D	Screen from 537 to 557 feet.
1082	d/ 64	July 3, 1936	T,E, ---	D	Screen from 479 to 494 feet. Yield 45 gallons a minute when drilled.
1083	d/ 58	May 1939	C,E, 1	D	Screen from 376 to 396 feet.
1084	--	--	C,E, ---	D	
1085	65.7	May 31, 1940	A,--	D	
1086	--	--	C,E, ---	D,P	
1087	64.5	May 31, 1940	A,E, .5	D,P	Screen from 470 to 478 feet. Estimated yield 80 gallons a minute in 1940. Supplies Pine Bluff Addition.
1088	--	--	--	P	
1089	57.2	July 12, 1940	A,E, 10	P	
1090	--	--	C,W, ---	D,S	
1091	--	--	T,E, 5	D,P	Casing: 186 feet of 6-inch and 404 feet of 4-inch. Screen from 550 to 590 feet. Yield 70 gallons a minute when drilled.
1092	65.0	June 7, 1940	A,E, ---	P	
1093	62.0	May 31, 1940	A,E, 3	D,P	Supplies El Jardin Subdivision.
1094	16.4	June 5, 1940	C,W, ---	S	
1095	56.4	May 31, 1940	C,E, ---	D	
1096	d/ 50	1940	A,--	D	
1097	d/ 60	1938	A,--	D	
1098	d/ 80	May 1938	T,E, ---	P	Screen at 340-370 and 422-461 feet. Gravel-walled. Yield 380 gallons a minute when drilled.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Goose Creek	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1099	5½ miles southwest	Dan Japhet	M. R. Pretty	1937	589	3	--
1100	8 miles west	M. M. Graves Est.	McMasters & Pomeroy	1934	900	12,10	1.0
1103	5½ miles southwest	Southern Pacific Co.	--	1909	770	10	0
1104	In La Porte	City of La Porte	J. G. Taylor	1925	570	10	1.0
1105	do.	A. A. Womack	Allen Brothers	1892	300+	6	1.6
1107	do.	City of La Porte	J. W. Jackson	1933	585	10,8	0
1108	10½ miles southwest	T. Schmitt	Pete Bucholtz	1927	520	4	0
1109	10¾ miles southwest	-- Schwander	Wallie Burns	--	500+	6	--
1110	11¼ miles southwest	Mrs. C. K. Lockart	do.	1922	485	2	2.0
1111	11½ miles southwest	Todd Estate	M. R. Pretty	1938	390	2	--
1112	11¾ miles southwest	Dr. -- Williams	C. C. Ellis	1940	406	3	--
1113	12 miles southwest	John McCalahan	J. L. Burns	1930	512	4,2	--
1114	12½ miles southwest	E. D. Mills	Wallie Burns	1922	655	4	1.0
1115	In Seabrook	John Chapman	do.	1920	660+	2	--
1116	do.	Harris County	L. Burns	--	342	2	0

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1117	16¾ miles southeast	Stanolind Oil and Gas Co.	A. T. McDannald	1938	526	4	3.0
1118	17½ miles southeast	Humble Oil & Refining Co.	Layne-Bowler Co.	Old	807	26,10	0
1119	do.	M. D. Ray	--	--	525	--	--
1120	17 miles southeast	Jasmine Farm Dairy	--	1932	247	--	--
1121	16¾ miles southeast	W. R. McClendon	--	--	580	4	3.0
1122	12½ miles southeast	Gordon Ellis Cafe	-- Petrosky	1939	480	4	0

Well No.	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
1099	--	--	A,E, 1/2	D	Screen from 568 to 589 feet.
1100	56.0	Apr. 2, 1931	T,D, --	Irr	Casing: 300 feet of 12-inch and 600 feet of 10-inch. Yield 1,100 gallons a minute when drilled. Irrigated 160 acres of rice in 1939.
	107.0	Jan. 26, 1942	--		
1103	d/ 78	June 14, 1941	T,E, 5	RR	Estimated yield 50 gallons a minute in 1941. Supplies Strang Station.
1104	95.0	Dec. 30, 1941	A,E, --	P	Screen from 500 to 570 feet. Owner's No. 1.
1105	61.0	Feb. 19, 1941	None	N	
1107	83.3	Aug. 8, 1940	T,E, 20	P	Casing: 510 feet of 10-inch and 75 feet of 8-inch. Screen at 425-510 and 545-585 feet. Yield 300 gallons a minute when drilled. Owner's
1108	d/ 20	1927	C,W	D	Screen from 514 to 520 feet. No. 2.
1109	--	--	A,E, --	D	
1110	50.3	June 5, 1940	A,-	D	
1111	--	--	C,E, --	D	Screen from 370 to 390 feet.
1112	--	--	--	D	Screen from 400 to 406 feet.
1113	--	--	--	D	Screen from 498 to 512 feet.
1114	41.9	June 7, 1940	A,E, --	D	
1115	--	--	C,E, --	D	
1116	d/ 50	Oct. 16, 1939	A,E, --	P	Supplies Seabrook School.
Well No.	Water level		Method of lift	Use of water	Remarks
	Below measuring point (ft.) a/	Date of measurement			
1117	70.2	June 5, 1940	Ng	Ind	Screen from 505 to 526 feet. Supplies Hastings Field Camp.
1118	d/ 20	Apr. 1940	--	Ind	Screen at 80-98 and 717-807 feet. Formerly used for irrigation. Supplies Five Points
1119	--	--	--	D	Camp.
1120	--	--	A,-	D,S	
1121	83.6	July 11, 1940	A,G, --	D	
1122	d/ 86	July 1939	C,E, --	D,P	

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1123	14 $\frac{1}{4}$ miles southeast	Shell Oil Company, Inc.	Layne-Texas Co.	1941	533	24, 16, 10 $\frac{3}{4}$	0
1124	14 miles east	do.	do.	1935	1,329	16, 10	0
1125	13 $\frac{1}{4}$ miles east	do.	do.	1938	913	18-5/8, 10 $\frac{3}{4}$	0
1126	do.	do.	do.	1939	509	21 $\frac{1}{8}$, 13-3/8, 10 $\frac{3}{4}$	0
1127	11 miles east	Houston Ship-Building Corp.	McMasters & Pomeroy	1941	620	8, 5 $\frac{1}{2}$	0
1128	do.	do.	do.	1941	780	8, 5 $\frac{1}{2}$	0
1129	10 $\frac{1}{2}$ miles southeast	Champion Paper and Fibre Co.	Layne-Texas Co.	1937	515	16, 12 $\frac{3}{4}$	0
1130	do.	do.	do.	1937	1,481	20, 12 $\frac{3}{4}$	--
1131	9 $\frac{3}{4}$ miles southeast	do.	do.	1937	960	20, 12 $\frac{3}{4}$	0
1132	do.	do.	do.	1937	1,840	20, 12 $\frac{3}{4}$	0
1133	do.	do.	do.	1937	1,399	20, 12 $\frac{3}{4}$	--
1134	9 $\frac{1}{2}$ miles southeast	City of Pasadena	McMasters & Pomeroy	1941	350	8	2.5
1135	9 miles southeast	Champion Paper and Fibre Co.	Layne-Texas Co.	1937	974	16, 10 $\frac{3}{4}$	0

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
1123	d/ 95	Mar. 4, 1941	T,E, --	Ind	Screen at 334-383, 388-406, 430-452 and 475-505 feet. Yield 1,200 gallons a minute with drawdown of 30 feet when drilled. Supplies rubber
1124	d/ 71	Sept. 13, 1935	T,E, 150	Ind	Screen at 648-688, 727-749, 769-791, <u>plant.</u> 813-834, 1,178-1,199 and 1,240-1,316 feet. Gravel-walled. Yield 1,700 gallons a minute with drawdown of 43 feet when drilled; yield 1,200 gallons a minute in 1941. Supplies oil
1125	d/110	Oct. 1941	T,E, 75	Ind	Screen at 633-644, <u>refinery.</u> Owner's No. 6. 666-677, 694-704, 740-786, 803-823, 845-863 and 868-911. Gravel-walled. Yield 1,300 gallons a minute with drawdown of 59 feet when drilled. Yield 1,000 gallons a minute in 1941. Supplies
1126	d/116	Oct. 1941	T,E, 100	Ind	Screen at <u>oil refinery.</u> Owner's No. 5. 342-369 and 409-502 feet. Gravel-walled. Yield 1,165 gallons a minute with drawdown of 38 feet when drilled. Yield 1,300 gallons a minute in 1941. Supplies oil refinery. Owner's
1127	d/ 90	Apr. 15, 1941	T,E, 40	D,Ind	Casing: 298 feet of 8-inch and 322 <u>No. 7.</u> feet of 5½-inch. Screen at 321-377, 563-573 and 584-608 feet. Yield 435 gallons a minute with drawdown of 22 feet when drilled. Owner's
1128	d/ 94	do.	T,E, 40	D,Ind	Casing: 418 feet of 8-inch and 362 <u>No. 2.</u> feet of 5½-inch. Screen at 620-685, 705-714, and 752-762 feet. Yield 370 gallons a minute with drawdown of 71 feet when drilled. Owner's
1129	d/ 75	Aug. 11, 1937	T,E, 250	Ind	Screen from 316 to 496 feet. Gravel- <u>No. 1.</u> walled. Yield 1,565 gallons a minute with drawdown of 101 feet when drilled. Yield 1,965 gallons a minute March 1941. Owner's No. D-1.
1130	--	--	T,E, 250	Ind	Screen at 1,006-1,091, 1,104-1,185, 1,227-1,247, 1,281-1,303, 1,315-1,325, 1,342-1,363 and 1,422-1,458 feet. Gravel-walled. Yield 2,550 gallons a minute when drilled; yield 3,185 gallons a minute in March 1941. Owner's No. D-2.
1131	d/ 67	Feb. 5, 1937	T,E, 250	Ind	Screen at 640-752, 774-835 and 873-955 feet. Gravel-walled. Yield 2,170 gallons a minute with drawdown of 115 feet when drilled. Yield 2,310 gallons a minute March 1941. Owner's No.
1132	d/ 70	Feb. 6, 1937	T,E, 250	Ind	Screen at 1,399-1,497, 1,512-1,633, <u>B-1.</u> 1,670-1,712 and 1,762-1,835 feet. Gravel-walled. Yield 3,100 gallons a minute with drawdown of 118 feet when drilled. Yield 3,150 gallons a minute March 1941. Owner's No.
1133	--	--	T,E, 250	Ind	Screen at 1,009-1,049, 1,086-1,151, <u>B-2.</u> 1,184-1,318, 1,336-1,358 and 1,375-1,395. Gravel-walled. Yield 2,475 gallons a minute when drilled; yield 2,365 gallons a minute
1134	d/ 84	July 15, 1941	T,E, 15	P	Screen from 300 <u>March 1941.</u> Owner's No. B-3. to 350 feet. Yield 250 gallons a minute when
1135	d/ 63	Jan. 26, 1937	T,E, 150	Ind	Screen at 642-709, <u>drilled.</u> Owner's No. 3. 781-835 and 872-970 feet. Gravel-walled. Yield 1,730 gallons a minute with drawdown of 72 feet when drilled. Yield 1,675 gallons a minute March 1941. Owner's No. A-1.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1136	9 miles southeast	Champion Paper and Fibre Co.	Layne-Texas Co.	1937	1,275	20, 12 $\frac{3}{4}$	0
1137	do.	do.	do.	1937	1,927	20, 12 $\frac{3}{4}$	0
1138	8 $\frac{1}{2}$ miles southeast	Houston Pipe Line Co.	A. E. Fawcett, Sr.	1937	310	4	0
1139	7 $\frac{1}{2}$ miles southeast	Sinclair Refining Co.	Layne-Texas Co.	1940	1,192	20, 10	0
1140	8 $\frac{1}{2}$ miles southeast	do.	do.	1934	1,701	24, 12	0
1141	8 miles southeast	Houston Lighting & Power Co.	do.	1941	809	16, 9-5/8	0
1142	9 miles southeast	Champion Paper and Fibre Co.	do.	1937	330	12	--
1143	9 $\frac{1}{4}$ miles southeast	Phillips Petroleum Co.	McMasters & Pomeroy	1936	757	6	0
1144	9 $\frac{1}{2}$ miles east	Horton & Horton	Layne-Texas Co.	1937	374	8-5/8	0
1145	9 $\frac{1}{4}$ miles east	American Petroleum Corp.	McMasters & Pomeroy	1937	896	--	0
1146	8 $\frac{1}{4}$ miles southeast	General American Storage	J. A. Walling	1935	701	8, 6	--
1147	6 $\frac{1}{4}$ miles southeast	R. E. King	McMasters & Pomeroy	1941	640	6	0
1148	do.	Humble Oil & Refining Co.	Layne-Texas Co.	1940	706	6-5/8, 4	0
1149	6 $\frac{3}{4}$ miles southeast	Gulf Portland Cement Co.	do.	1941	655	8-5/8, 6-5/8	0
1150	7 $\frac{1}{2}$ miles southeast	City of Galena Park	Layne-Texas Co.	1936	680	13-3/8, 6	1.0

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.)	a/				
1136	d/	56.1	Jan. 18, 1937	T, E, 250	Ind	Screen at 998-1, 054 and 1, 090-1, 251 feet. Gravel-walled. Yield 2, 870 gallons a minute with drawdown of 116 feet when drilled. Yield 2, 580 gallons a minute March 1941. Owner's No.
1137	d/	41.8	Jan. 17, 1937	T, E, 250	Ind	Screen at 1, 395-1, 454, 1, 514-1, 569, 1, 587-1, 609, 1, 648-1, 685, 1, 722-1, 801 and 1, 824-1, 923 feet. Gravel-walled. Yield 3, 030 gallons a minute with drawdown of 119 feet when drilled; yield 3, 100 gallons a minute in March 1941. Owner's No. A-2.
1138	d/	52	1937	C, E, 1 1/2	Ind	Screen from 290 to 1941. Owner's No. A-3. 310 feet. Yield 50 gallons a minute when drilled.
1139	d/	123.5	June 2, 1940	T, E, 200	Ind	Casing: 785 feet of 20-inch; 409 feet of 10-inch. Screen at 899-939, 961-985, 1, 017-1, 051, 1, 071-1, 125 and 1, 158-1, 186 feet. Gravel-walled. Yield 1, 785 gallons a minute with a drawdown of 84 feet when drilled. Supplies oil refinery. Owner's No. 8. See log.
1140	d/	52.8	Sept. 1934	T, E, 150	Ind	Casing: 215 feet of 24-inch; 1, 486 feet of 12-inch. Screen at 1, 358-1, 425, 1, 488-1, 531 and 1, 573-1, 697 feet. Gravel-walled. Yield 1, 525 gallons a minute February 1940. Supplies oil refinery. Owner's No. 8. See log.
1141	d/	113	Feb. 1941	T, E, 50	Ind	Casing: 491 feet of 16-inch; 318 feet of 9-5/8-inch. Screen at 656-670, 698-730, 762-768 and 789-805 feet. Yield 555 gallons a minute with a drawdown of 61 feet when drilled. Supplies Deepwater plant. Owner's No. 4.
1142	--	--	--	T, E, --	D, Ind	Screen at 215-240 and 285-329 feet. Yield 420 gallons a minute in 1941. Owner's No. A-4.
1143	d/	67	Apr. 25, 1936	T, E, 5	Ind	Screen from 717 to 757 feet. Yield 100 gallons a minute with a drawdown of 21 feet when drilled.
1144	d/	80	Jan. 12, 1938	T, E, --	Ind	Screen from 302 to 372 feet. Yield 195 gallons a minute when drilled. Owner's No. 2.
1145	d/	89	Feb. 27, 1940	T, E, 20	Ind	Screen from 816 to 896 feet. Supplies oil refinery. Owner's No. 3.
1146	--	--	--	T, E, 7 1/2	Ind	Casing: 200 feet of 8-inch and 501 feet of 6-inch. Screen from 685 to 701 feet.
1147	d/	86	Aug. 22, 1941	T, E, 20	P	Screen at 307-328, 406-426 and 599-618 feet. Yield 125 gallons a minute with a drawdown of 25 feet when drilled. Supplies housing project.
1148	d/	105	Sept. 25, 1940	T, E, --	Ind	Screen from 662 to 693 feet. Yield 100 gallons a minute with a drawdown of 18 feet when drilled. Supplies Houston Northside Terminal. Owner's No. 2.
1149	d/	100	Feb. 1941	T, E, 20	Ind	Casing: 559 feet of 6-5/8-inch. Screen from 606 to 653 feet. Yield 130 gallons a minute with a drawdown of 50 feet when drilled.
1150	100.4	June 30, 1939	T, E, 30	P	Casing: 462 feet of 13-2/8-inch and 218 feet of 6-inch. Screen from 593 to 677 feet. Yield 475 gallons a minute when drilled.	
	120.8	July 7, 1941				

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1151	6 $\frac{3}{4}$ miles southeast	Southern Pacific Co.	J. W. Jackson	1925	773	8,6	0
1154	7 $\frac{3}{4}$ miles southeast	Univorsal Water Co.	--	--	720+	8	3
1155	7 $\frac{1}{2}$ miles southeast	Gulf Oil Corp.	Layne-Bowler Co.	1922	752	24,8	0
1159	7 $\frac{1}{4}$ miles southeast	Manchester Terminal	Layne-Texas Co.	1932	658	10,8	0
1161	8 $\frac{1}{4}$ miles southeast	Sinclair Refining Co.	do.	1924	1,228	24,12,8	1.0
1162	8 miles southeast	do.	do.	1924	1,223	24,12,8	--
1163	8 $\frac{1}{2}$ miles southeast	do.	do.	1931	1,260	24,12	--
1165	8 miles southeast	do.	Layne-Bowler Co.	1920	1,105	12,8,6	--
1166	8 $\frac{1}{4}$ miles southeast	do.	do.	1920	974	16,8,6	--
1168	do.	Houston Lighting & Power Co.	Southern Well Drilling Co.	1923	826	12,10	0
1169	do.	do.	Layne-Texas Co.	1924	823	12,10	--
1170	do.	do.	do.	1929	836	16,10	0
1172	do.	The Texas Co.	do.	1929	1,376	24,16,12,8	0.5
1174	8 $\frac{1}{2}$ miles southeast	do.	do.	1930	802	24,12	1.5
1176	8 $\frac{1}{4}$ miles east	do.	McMasters & Pomeroy	1920	1,150	8	4.7

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
1151	d/ 19	July 1925	A,E, --	Ind	Casing: 713 feet of 8-inch and 60 feet of 6-inch. Screen at 643-703 and 731-771 feet. Yield 500 gallons a minute with a drawdown of 54 feet
1154	85.0	Jan. 26, 1942	A,E, 10	P	Supplies small subdivision. when drilled.
1155	61.2	Mar. 27, 1931	T,E, --	D,Ind	Casing: 93 feet of 24-inch and 671 feet of 6-inch. Screen at 499-543, 594-657 and 701-
1159	d/ 51	1932	T,E, 25	P,Ind	Screen from 615 to 658 feet. 747 feet. Yield 26 gallons a minute July 1941.
1161	d/ 31 d/ 92.0 d/ 125.3	Oct. 1924 May 18, 1937 Mar. 28, 1941	None	N	Casing: 156 feet of 24-inch, 962 feet of 12-inch and 110 feet of 8-inch. Screen at 741-781, 925-965 and 1,118-1,228 feet. Owner's No. 6.
1162	--	--	None	N	Casing: 162 feet of 24-inch, 951 feet of 12-inch and 210 feet of 8-inch. Screen at 658-697, 718-758, 1,099-1,119 and 1,139-1,223 feet.
1163	--	--	T,E, 150	Ind	Casing: 193 feet of 24-inch Owner's No. 5. and 1,067 feet of 12-inch. Screen at 893-936, 991-1,029, 1,158-1,219 and 1,235-1,256 feet. Yield 1,350 gallons a minute in 1942. Supplies
1165	--	--	T,E, 75	Ind	Casing: 113 oil refinery. Owner's No. 7. feet of 12-inch, 809 feet of 8-inch and 283 feet of 6-inch. Screen at 965-1,009, 1,027-1,042, 1,054-1,072 and 1,081-1,099 feet. Yield 300 gallons a minute in 1942. Supplies oil
1166	--	--	None	N	Casing: 253 feet refinery. Owner's No. 3. of 16-inch, 571 feet of 8-inch and 150 feet of 6-inch. Screen from 887 to 968 feet. Owner's
1168	d/ 58.3 d/ 119.5	Nov. 4, 1936 Dec. 11, 1941	T,E, 15	Ind	Casing: 318 feet of 12-inch and No. 4. 508 feet of 10-inch. Screen at 630-670, 705-725 and 744-805 feet. Yield 350 gallons a minute in July 1941. Supplies Deepwater plant.
1169	--	--	A,-	Ind	Casing: 310 feet of 12-inch Owner's No. 1. and 513 feet of 10-inch. Screen at 624-661 and 723-805 feet. Yield 500 gallons a minute in 1937. Supplies Deepwater plant. Owner's
1170	56.8	Feb. 25, 1931	T,E, 75	Ind	Casing: 145 feet of 16-inch and 691 No.2. feet of 10-inch. Screen at 612-672 and 752-811 feet. Yield 500 gallons a minute in 1939. Supplies Deepwater plant. Owner's No. 3.
1172	40.1	Mar. 25, 1931	T,E, 100	Ind	Casing: 250 feet of 24-inch, 644 feet of 12-inch and 482 feet of 8-inch. Screen at 289-310, 772-793, 872-892, 1,046-1,111 and 1,307-1,374 feet. Supplies oil refinery. Owner's
1174	43.6	Mar. 25, 1931	T,E, 100	Ind.	Casing: 250 feet of 24- No. 5. See log. inch and 552 feet of 12-inch. Screen at 428-469, 621-661 and 750-791 feet. Supplies oil
1176	28.0 61.2 83.9	Mar. 25, 1931 Nov. 7, 1939 Nov. 18, 1941	None	N	Screen at 896- refinery. Owner's No. 6. 938, 1,035-1,057 and 1,093-1,134 feet. Casing obstructed at 240 feet. Owner's No. 4.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1179	9 $\frac{3}{4}$ miles east	American Petroleum Co.	McMasters & Pomeroy	1931	707	10	0
1181	9 $\frac{1}{4}$ miles southeast	Phillips Petroleum Co.	do.	1910	691	4	0
1182	9 $\frac{1}{2}$ miles southeast	Port Terminal Railroad Assn.	do.	1929	715	6	0
1183	9 $\frac{1}{4}$ miles southeast	Crown Central Petroleum Corp.	do.	1919	720	10,8	--
1184	do.	do.	do.	1919	704	10,8	--
1185	do.	do.	do.	1919	716	10,8	--
1187	do.	City of Pasadena	do.	1930	834	10	2.5
1190	9 miles southeast	Lone Star Clay Pit	do.	1930	400	3	--
1193	11 $\frac{1}{2}$ miles southeast	Rice Hotel Broadcasting Station	do.	1930	350	4	--
1194	11 $\frac{1}{4}$ miles southeast	Deep Water Subdivision	Layne-Texas Co.	--	811	8	1.5
1197	12 $\frac{1}{2}$ miles southeast	T. Jones	McMasters & Pomeroy	1927	823	12	1.0
1198	14 miles east	Shell Oil Co., Inc.	do.	1929	790	16,12	0
1199	do.	do.	do.	1929	860	16,12	0
1200	do.	do.	Layne-Texas Co.	1928	488	12,8	0
1201	14 miles southeast	do.	McMasters & Pomeroy	1929	1,284	16,12	0
1202	14 $\frac{1}{2}$ miles southeast	Deer Park Water Works	do.	1929	504	8	--
1205	9 $\frac{1}{2}$ miles southeast	City of South Houston	J. A. Walling	1927	668	8	1.5

Well No.	Water Level Below measuring point (ft.)	a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
1179	d/ 93		Feb. 27, 1940	T,E, 20	Ind	Screen from 647 to 707 feet. Supplies oil refinery. Owner's No. 2.
1181	d/ 27		June 1929	A,E, 1	Ind	Stand-by for Well 1143. Owner's No. 1.
1182	d/ 55		Feb. 25, 1929	None	N	Screen from 675 to 715 feet. Measured depth 685 feet.
	135.4		Jan. 26, 1942			
1183	--		--	A,--	Ind	Screen from 640 to 720 feet. Estimated yield 150 gallons a minute in July 1941. Supplies
1184	--		--	T,E, 30	Ind	Screen from oil refinery. Owner's No. 1. 634 to 704 feet. Estimated yield 300 gallons a minute in July 1941. Supplies oil refinery.
1185	--		--	T,E, 30	Ind	Screen from 636 to 716 feet. Owner's No. 3. Estimated yield 300 gallons a minute July 1941.
1187	101.7		Mar. 1, 1938	T,E, 30	P	Screen: Supplies oil refinery. Owner's No. 2. 60 feet in three sections between 700 to 834 feet. Estimated yield 365 gallons a minute 1941. Owner's No. 1.
	130		Mar. 15, 1941			
1190	--		--	None	N	
1193	--		--	A,E, --	D	Screen from 330 to 350 feet.
1194	91.5		Jan. 19, 1939	None	N	Casing obstructed at 95 feet.
1197	57.7		Apr. 1, 1931	T,E, 50	D,S	Screen at 465-535 and 713-823 feet.
1198	d/ 42		Apr. 1929	T,E, 150	Ind	Casing: 202 feet of 16-inch and 588 feet of 12-inch. Screen at 294-315, 369-509, 630-672, 707-729 and 749-784 feet. Yield 700 gallons a minute July 16, 1941. Supplies oil refinery. Owner's No. 2.
	d/ 70		1935			
	d/114		Sept. 1941			
1199	d/ 45		Apr. 1929	T,E, 150	Ind	Casing: 199 feet of 16-inch and 661 feet of 12-inch. Screen at 374-476, 665-708 and 751-860 feet. Yield 930 gallons a minute July 16, 1941. Supplies oil refinery. Owner's No. 3.
1200	d/ 91		Aug. 1938	T,E, 50	Ind	Casing: 162 feet of 12-inch and See log. 326 feet of 8-inch. Screen at 247-267, 333-373, 417-437 and 458-479 feet. Yield 500 gallons a minute in 1942. Supplies oil refinery.
1201	d/ 51		1929	T,E, 150	Ind	Well deepened from 860 to Owner's No. 1. 1,284 feet in 1934. Screen at 346-388, 427-499, 601-618, 641-681, 749-790, 807-823, 837-858, 903-924, 973-1,013, 1,076-1,099, 1,156-1,177, 1,199-1,220 and 1,261-1,283 feet. Yield 940 gallons a minute July 16, 1941. Supplies
1202	--		--	T,E, 15	P	Screen at 360- oil refinery. Owner's No. 4. 386 and 423-504 feet. Yield 500 gallons a
1205	82.3		June 5, 1941	T,E, --	P	Screen from 600 to minute when drilled. 668 feet. Owner's No. 1.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1209	10 $\frac{1}{4}$ miles southeast	Texas Fireworks Distributing Co.	--	--	650+	3	4.0
1213	11 $\frac{3}{4}$ miles southeast	H. W. Boehm	H. W. Boehm	--	91	24, 9-5/8	--
1214	11 miles southeast	R. B. McCullough	McMasters & Pomeroy	1928	502	4	--
1222	11 $\frac{1}{2}$ miles southeast	Vincent Lopez	M. R. Pretty	1932	100	4	--
1223	11 $\frac{1}{2}$ miles southeast	C. A. Graham	C. A. Graham	1932	103	4	2.5
1226	13 $\frac{1}{2}$ miles southeast	Schoenmann Produce Co.	M. R. Pretty	1932	106	4	--
1228	do.	do.	do.	1932	100	4	--
1229	11 $\frac{3}{4}$ miles southeast	City of Houston	Core Drilling Co.	1939	1,680	3 $\frac{1}{2}$	1.5
1230	do.	do.	do.	1939	1,419	3 $\frac{1}{2}$	1.9
1231	9 $\frac{1}{4}$ miles southeast	City of Pasadena	McMasters & Pomeroy	1935	834	10	2.5
1232	14 $\frac{1}{4}$ miles southeast	Unknown	--	--	--	3	2.0
1234	9 $\frac{1}{2}$ miles southeast	City of South Houston	J. A. Walling & Pat O'Day	1941	316	8	--
1235	10 miles southeast	J. A. Campbell	W. J. Swinehart	1941	336	8, 6	--
1236	6 $\frac{1}{2}$ miles southeast	Houston Milling Co.	McMasters & Pomeroy	1938	640	8	0
1237	8 $\frac{1}{4}$ miles southeast	East End Water Works	do.	1941	1,157	10, 8, 6	0
1238	6 $\frac{1}{4}$ miles southeast	Federal Bldg. & Dev. Co.	do.	1938	360	6	--
1239	5 $\frac{1}{2}$ miles southeast	Golf Crest Country Club	do.	1938	784	10	--
1240	do.	Harrbrook Dev. Co.	do.	1939	332	6	0
1241	4 $\frac{1}{2}$ miles southeast	Hinderliter Tool Co.	A. E. Fawcett, Sr.	1937	457	4	--

Well No.	Water level		Method of lift	Use of water	Remarks
	measuring point (ft.) a/	Date of measurement			
1209	39.5	Oct. 6, 1932	None	N	
	48.0	Aug. 13, 1937			
	64.5	Aug. 15, 1941			
1213	--	--	C,W	D,S	Casing: 40 feet of 24-inch and 51 feet of 9-5/8-inch. Screen from 71 to 91 feet. Formerly used for irrigating rice.
1214	--	--	C,-	P	Screen from 488 to 502 feet. Supplies Alta Vista Subdivision.
1222	--	--	A,G, 1 1/2	D,Irr	Screen from 90 to 100 feet.
1223	11.6	Sept. 29, 1932	A,G, 2	D,S, Irr	Screen from 85 to 103 feet.
1226	--	--	A,G, --	Irr	Screen from 96 to 106 feet. Owner's No. 2.
1228	--	--	A,G, --	Irr	Screen from 89 to 100 feet. Yield 100 gallons a minute when drilled. Owner's No. 1.
1229	87.0	July 2, 1939	None	N	Screen from 1,661 to 1,676 feet. Owner's test well 8.
	106.7	July 8, 1941			
1230	97.4	July 2, 1939	None	N	Screen from 1,399 to 1,414 feet. Owner's test well 9.
	111.7	July 8, 1941			
1231	101.1	Mar. 1, 1938	T,E, 15	P	Screen: 60 feet in three sections between 700 and 834 feet. Owner's No. 2.
	128	Mar. 15, 1941			
1232	94.2	Feb. 17, 1939	None	N	
	109.0	Jan. 26, 1942			
1234	--	--	T,E, 25	P	Screen from 258 to 316 feet. Yield 375 gallons a minute when drilled. Owner's No. 3.
1235	--	--	T,E, --	P	Screen from 306 to 336 feet. Supplies Pasadena Highlands Subdivision.
1236	d/ 67	Feb. 5, 1938	T,E, 15	Ind	Screen at 500-521 and 600-629 feet. Yield 125 gallons a minute when drilled.
1237	d/108	July 31, 1941	T,E, 30	P	All sands from 720 to 1,157 feet screened (40 feet of screen at bottom). Yield 530 gallons a minute when drilled. Supplies Meadowbrook Subdivision. Owner's No. 2.
1238	--	--	T,E, 7 1/2	P	Screen from 340 to 360 feet. Supplies Houston Acreage Sub-division.
1239	--	--	T,E, 20	P,Irr	Screen at 530-550, 663-686 and 734-770 feet. Yield 400 gallons a minute when drilled. Supplies swimming pool and golf course.
1240	d/ 60	Aug. 1939	T,E, 10	P	Screen from 280 to 332 feet. Yield 200 gallons a minute when drilled. Supplies Golfview Manor Subdivision.
1241	--	--	C,E, 1	D	Screen from 437 to 457 feet.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1242	4 $\frac{1}{4}$ miles south	M. E. Foster	Texas Water Supply Corp.	1937	475	6	0
1243	do.	do.	do.	1941	531	6	0
1244	5 $\frac{3}{4}$ miles south	Ben Taub	McMasters & Pomeroy	1939	602	6,4	0
1245	7 miles southwest	Gulf Oil Corp.	Gulf Oil Corp.	1933	300	6	---
1246	7 $\frac{1}{2}$ miles southwest	do.	L. Patterson	1935	376	7	---
1247	8 $\frac{1}{4}$ miles southwest	M. C. Williams	Fred Powell	1928	229	5	---
1248	do.	Gulf Oil Corp.	L. Patterson	1933	278	6	---
1249	7 $\frac{3}{4}$ miles southwest	Rio Bravo Oil Co.	Layne-Texas Co.	1936	276	12,7	0
1250	do.	Hamill & Smith	Hamill & Smith	1932	540	6	---
1253	4 $\frac{1}{4}$ miles southwest	Old Clinton Water Supply Corp.	McMasters & Pomeroy	1939	505	6	0
1254	5 miles southwest	D. B. McDaniel	A. E. Fawcett, Sr.	1935	827	9-5/8, 7-5/8, 6-5/8	---
1255	5 $\frac{1}{2}$ miles southwest	Carlton Hotel Courts	G. E. Failing Drilling Co.	1938	400	4	---
1256	do.	do.	do.	1939	600	4	---
1257	do.	Grant Motel	I. H. Mowery	1941	136	4,3	---
1258	do.	do.	Layne-Texas Co.	1940	326	6-5/8, 4 $\frac{1}{2}$, 2-7/8	0
1259	do.	N. G. Cummings	G. E. Failing Drilling Co.	1938	326	4	---
1260	5 $\frac{3}{4}$ miles southwest	Speer Park	I. H. Mowery	1941	134	4	---
1261	do.	Alamotel Court	M. R. Pretty	1939	324	4,2	---
1262	6 miles southwest	King Tourist Camp	I. H. Mowery	1940	138	4	---
1263	do.	Plantation	do.	1940	507	3	0
1264	6 $\frac{1}{4}$ miles southwest	Gaido's Restaurant	do.	1941	138	4	---
1265	8 $\frac{1}{4}$ miles southwest	Brochsteins Inc.	Texas Water Supply Corp.	1940	460	6	---
1266	5 $\frac{1}{2}$ miles southwest	City of Southside Place	McMasters & Pomeroy	1935	998	8,6	0

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.)	g/				
1242	d/ 45		Aug. 1, 1937	T, E, 15	P	Screen from 427 to 455 feet. Yield 100 gallons a minute 1941. Supplies Foster Place Subdivision. Owner's No. 3.
1243	d/ 76		May 1941	T, E, 15	P	Screen from 500 to 530 feet. Yield 200 gallons a minute with a draw-down of 38 feet when drilled. Supplies Foster Place Subdivision. Owner's No. 4.
1244	d/ 53		Nov. 1939	T, E, 15	P	Screen from 542 to 602 feet. Yield 150 gallons a minute. Supplies Brookhaven Addition. Owner's No. 2.
1245	--		--	A, E, --	D	Pierce Junction Camp.
1246	--		--	A, E, --	D	Screen at 214-234 and 325-345 feet. Supplies Pierce Junction warehouse.
1247	--		--	None	N	Screen from 209 to 229 feet.
1248	--		--	None	O	Screen from 257 to 278 feet. Supplies oil tests.
1249	d/ 34		Feb. 1936	T, E, 7 1/2	D	Screen from 177 to 206 and 211 to 270 feet. Gravel-walled. Yield 60 gallons a minute with a drawdown of 4 feet when drilled. Owner's No. 3.
1250	--		--	A, --	O	Screen from 520 to 540 feet.
1253	d/ 62		Sept. 25, 1939	T, E, 15	P	Screen from 445 to 495 feet. Yield 150 gallons a minute when drilled. Supplies Central City
1254	--		--	T, E, 20	D	Casing: 200 feet of 9-5/8-inch, Subdivision. 627 feet of 7-5/8-inch and 6-5/8-inch 115 feet
1255	--		--	J, E, 1	P	Screen: 20+ feet of screen between 500 and 827 feet at bottom of well. Owner's No. 1.
1256	--		--	J, E, 3	P	Screen: 20+ feet at bottom of well. Owner's No. 2.
1257	--		--	J, E, 1	P	Screen from 118 to 136 feet. Owner's No. 2.
1258	d/ 44		Apr. 22, 1940	J, E, 3	P	Screen from 304 to 314 feet. Yield 110 gallons a minute with a drawdown of 52 feet when
1259	--		--	J, E, 2	P	Screen from 306 to drilled. Owner's No. 1.
1260	--		--	J, E, 2	P	326 feet. Supplies Prince's Drive-In Stand Screen from 114 to 134 feet. No. 30.
1261	--		--	C, E, 2	P	Casing: 100 feet of 4-inch and 224 feet of 2-inch. Screen from 194 to 324 feet. Yield
1262	--		--	J, E, 2	P	Screen from 118 to 138 feet. 50 gallons a minute when drilled.
1263	d/ 68		1940	J, E, 2	P	Screen from 487 to 507 feet. Supplies night club.
1264	--		--	J, E, 1	P	Screen from 113 to 138 feet. Yield 100 gallons a minute when drilled.
1265	--		--	T, E, 15	D	Screen from 420 to 460 feet. Yield 180 gallons a minute when drilled.
1266	d/ 68		Oct. 1939	T, E, 10	P	Casing: 850 feet of 8-inch and 148 feet of 6-inch. Screen at 911-935 and 948-988 feet. Yield 250 gallons a minute in 1938. Owner's No. 2. Temperature 80° F.

Records of wells in Houston district, Harris County, Texas--Continued.

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1267	5½ miles southwest	City of Southside Place	McMasters & Pomeroy	1941	894	13, 8-5/8	0
1268	do.	City of West University Place	Layne-Texas Co.	1938	768	13-3/8, 6-5/8	0
1269	do.	do.	do.	1939	1,183	16, 8-5/8	1.5
1270	do.	do.	do.	1941	1,673	20, 12½	0
1276	11½ miles south east	West Production Co.	West Production Co.	1935	920+	6	4.0
1277	3¼ miles northeast	Texas Water Co.	McMasters & Pomeroy	1940	544	6	--
1278	7 miles southwest	Southern Floral Co.	M. R. Pretty	1936	260	2	--
1279	6½ miles southwest	J. S. Abercrombie	Layne-Texas Co.	1941	662	6-5/8, 4½	--
1280	7 miles southwest	The Texas Co.	do.	1941	696	6-5/8, 4½	0
1281	6½ miles southwest	Academy of Incarnate Word	do.	1931	115	6-5/8	0
1282	7¼ miles southwest	Harris County	--	1917?	850	4	--
1283	6¼ miles southwest	do.	McMasters & Pomeroy	1936	393	4, 2½	0
1284	7¾ miles southwest	do.	do.	1940	780	6	0
1285	8¼ miles southwest	J. E. Foster	W. J. Swinehart	--	250	4½	--
1286	10¾ miles southwest	R. D. Moers	Layne-Texas Co.	1940	220	4½, 2-5/8	0
1287	12 miles southwest	C. M. Abercrombie	do.	1940	442	4½, 2½	--
1288	11½ miles southwest	E. P. Krenek	--	1932	200+	8,-	0.5
1289	13½ miles southwest	R. W. Henderson	--	1929	48	3	0
1290	1½ miles southwest	Horlock Ice Co.	Layne-Texas Co.	1941	520	8	--

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
1267	d/ 65	July 1941	T,E, 20	P	Casing: 279 feet of 13-inch and 615 feet of 8-5/8-inch. Screen at 484-504, 529-549, 584-604, 694-704, 719-749 and 869-889 feet. Yield 400 gallons a minute with a drawdown of 33 feet
1268	d/ 51	Mar. 13, 1938	T,E, 30	P	Screen at 632- July 1941. Owner's No. 3. 642, 650-691, 700-708, 714-722 and 734-756 feet. Yield 500 gallons a minute July 1941. Owner's
1269	119	Jan. 2, 1942	T,E, 125	P	Casing: 799 feet of 16-inch and No. 3. 384 feet of 8-5/8-inch. Screen at 944-976, 998-1,021, 1,033-1,065, 1,087-1,131 and 1,147-1,169 feet. Yield 1,510 gallons a minute when drilled. Owner's No. 4. See log.
1270	d/103	June 1941	T,E, 150	P	Screen at 1,205-1,221, 1,309-1,340, 1,360-1,370 1,400-1,440, 1,470-1,489, 1,559-1,619 and 1,627 1,649. Yield 2,000 gallons a minute with a drawdown of 67 feet June 1941. Owner's No. 5.
1276	58.9	Dec. 1, 1939	A,D, --	D,S, Ind	
1277	--	--	T,E, 7 1/2	P	Screen from 494 to 544 feet. Yield 125 gallons a minute July 1941. Supplies Kashmere Gardens
1278	--	--	A,-	D,Irr	Screen from 240 to 260 feet. Subdivision.
1279	--	--	T,E, 7 1/2	D,S	Screen: 50 feet in two sections between 590 and 662 feet. Yield 100 gallons a minute 1941
1280	d/ 55	May 28, 1941	T,E, 3	Ind	Casing: 561 feet of Supplies Pin Oak Stable. 6-5/8-inch and 131 feet of 4 1/2-inch. Screen at 606-641 and 662-684 feet. Yield 190 gallons a minute with a drawdown of 29 feet when drilled.
1281	d/ 19.4	May 1931	T,E, --	D	Screen Supplies geophysical laboratory. from 92 to 115 feet. Yield 90 gallons a minute
1282	--	--	A,E, --	D,S	Estimated yield 20 gallons a in 1940. minute 1939. Supplies Bellview Convalescent
1283	d/ 41	Aug. 22, 1936	C,E, --	P	Screen from 373 to 393 feet. Yield Home. 110 gallons a minute when drilled. Supplies
1284	d/ 54	May 3, 1940	T,E, 5	P	Screen at 687-717 and Post Oak School. 746-767 feet. Yield 300 gallons a minute with drawdown of 30 feet when drilled. Supplies
1285	--	--	J,E, --	S,Irr	Screen from 230 to 250 feet. Supplies log. Phenix-Holstein Baby Milk Dairy.
1286	d/ 30	Oct. 1, 1940	J,E, 1 1/2	D,S	Screen from 197 to 207 feet. Yield 60 gallons a minute when drilled.
1287	--	--	T,E, 2	D	Screen from 424 to 442 feet. Yield 35 gallons a minute when drilled.
1288	13.8	Feb. 9, 1939	C,G, 2	D,S	Casing: 40 feet of 8-inch and 160+ feet of smaller diameter casing. Estimated yield 5 gallons a minute 1939. Supplies dairy.
1289	d/ 6	1939	A,E, --	D,S, Ind	Yield 20 gallons a minute in 1939.
1290	--	--	A,-	Ind	

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1291	5 $\frac{1}{4}$ miles south	Ben Taub	McMasters & Pomeroy	1935	592	6	--
1292	7 $\frac{1}{2}$ miles southeast	B. F. Harris	do.	1941	687	6,4	0
1293	6 miles southeast	Consolidated Chemical Co.	Layne-Texas Co.	1941	804	24, 18-5/8, 10 $\frac{3}{4}$	0
1294	3 $\frac{3}{4}$ miles southeast	Petroleum Rectifying Co. of California	Texas Water Supply Corp.	1941	505	6	--
1295	4 $\frac{1}{2}$ miles southeast	Forest Park Cemetery	McMasters & Pomeroy	1936	520	6	--
1296	8 $\frac{1}{2}$ miles southeast	Forest Oaks Water Works	A. E. Fawcett, Sr.	1937	923	6	0
1297	9 miles southeast	The State of Texas	Layne-Texas Co.	1939	650	8-5/8, 5	0
1298	9 $\frac{3}{4}$ miles southeast	Stanolind Oil and Gas Co.	McMasters & Pomeroy	1935	672	8	--
1299	15 miles southeast	U. S. Government War Department	Layne-Texas Co.	1941	558	13-3/8, 7	0
1300	do.	do.	do.	1940	583	13-3/8, 7	0
1302	In Genoa	City of Genoa	do.	1928	832	6,4	1.0
1304	do.	G. H. & H. R.R.	Layne-Bowler Co.	1899	683	6,4	--
1308	14 $\frac{3}{4}$ miles southeast	J. M. West	--	--	101	2	--
1314	16 miles southeast	T. C. Dunn	J. H. Lowery	1930	87	2	--
1315	do.	Steve Waldrip	do.	--	105	4	2
1318	15 $\frac{1}{2}$ miles southeast	J. M. West	-- Crenshaw	--	90	2	1.0
1322	18 $\frac{1}{4}$ miles southeast	S. Siabara	Layne-Texas Co.	1927	806	24, 18, 12	0

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
1291	--	--	T,E, 15	P	Screen from 549 to 592 feet. Yield 150 gallons a minute when drilled. Supplies Brookhaven
1292	d/111	June 9, 1941	T,E, 10	P	Casing: 318 feet Addition. Owner's No. 1. of 6-inch and 327 feet of 4-inch. Screen from 603 to 645 feet. Yield 200 gallons a minute when drilled. Casing of old well pulled and new well drilled in same location. Supplies
1293	d/121	Dec. 1941	T,E, --	Ind	Casing: 30 feet of Allendale Subdivision. 24-inch, 454 feet of 18-5/8-inch and 320 feet of 10 ³ / ₄ -inch. Screen at 594-634, 728-799 feet. Gravel-walled. Yield 760 gallons a minute with
1294	--	--	T,E, 10	Ind	Screen from drawdown of 56 feet when drilled. 475 to 495 feet.
1295	--	--	T,E, 10	P,Irr	Screen from 500 to 520 feet. Estimated yield 100 gallons a minute 1941.
1296	d/ 78.5	1937	T,E, 10	P	Screen from 893 to 923 feet. Yield 220 gallons a minute when drilled.
1297	d/ 85	July 1939	T,E, 15	P	Screen from 587 to 623 feet. Gravel-walled. Yield 100 gallons a minute with a drawdown of 33 feet when drilled. Supplies Houston Airport.
1298	--	--	T,E, --	D,Ind	Screen from 632 to 672 feet. Supplies South Houston Camp and Warehouse. Owner's No. 1.
1299	d/ 73	Mar. 19, 1941	T,E, 50	P,Ind	Screen from 468 to 548 feet. Yield 550 gallons a minute with a drawdown of 26 feet when drilled. Supplies Ellington Field. Owner's No.
1300	d/ 79	Oct. 4, 1940	T,E, 50	P,Ind	Casing: 352 feet of 13-3/8-inch and 281 2. feet of 7-inch. Screen at 465-478 and 500-571 feet. Yield 875 gallons a minute with a drawdown of 49 feet when drilled. Supplies Elling-
1302	48.1	Apr. 3, 1931	C,E, --	P	Screen ton Field. Owner's No. 1. See log. at 655-667, 711-721 and 809-832 feet.
	55.6	Aug. 12, 1936			
	90.6	Aug. 15, 1941			
1304	--	--	C,D, --	RR	Screen from 661 to 683 feet.
1308	--	--	C,W	D,S	
1314	--	--	C,H	D,S	
1315	4.9	Oct. 6, 1932	-,E, --	D,S	
1318	6.6	Jan. 27, 1942	None	N	Measured depth 92 feet.
1322	18	1927	T,E, --	Irr	Screen at 416-437, 494-597 and 769-806 feet. Yield 2,100 gallons a minute when drilled. Well used for irrigating rice.
	d/ 45	Apr. 1935			
	71	June 1940			

Well No.	Water Level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.) ^a / _g	measur-				
1326	g/ 10		1923	C,W	D,S	Screen from 470 to 510 feet.
1327	43.2		Sept. 11, 1931	None	N	
1329	--		--	C,H	S	Screen from 453 to 473 feet.
1330	10.3		Oct. 7, 1932	C,H	D,S	Screen from 220 to 240 feet.
1333	38.5		do.	A,-	N	
1335	32.4		do.	C,W	D,S	Flowed when drilled.
1339	45.4		July 13, 1940	C,W	D,S	
1341	g/ 15		Sept. 1939	C,-	D	Screen from 220 to 230 feet.
1342	--		--	T,E,	D	Screen from 439 to 506 feet. Yield 70 gallons a minute in 1936.
1343	g/ 21		May 1928	A,-	D	Screen from 473 to 508 feet. Yield 105 gallons a minute with a drawdown of 46 feet when drilled
1344	--		--	T,E,	D	Screen from 593 to 660 feet.
1345	53.1		June 7, 1940	J,E,	D	Screen from 510 to 530 feet.
1346	--		--	T,E,	D	
1347	--		--	C,E,	D,S	
1348	52.1		June 7, 1940	A,C,	D	Casing: 527 feet of 2-inch, with 3-inch on outside of 2-inch from 0 to 120 feet to seal leak
1349	g/ 50		1939	T,E,	Ind	Yield 150 gallons in 2-inch casing at 80 feet. a minute with a drawdown of 40 feet when drilled
1350	51.4		June 7, 1940	A,E,	D	
1356	--		--	C,E, ¹ / ₈	D,S	Screen from 103 to 125 feet.
1357	--		--	--	RR	
1359	36.9		Oct. 7, 1932	C,E,	D	
1360	31.5		Apr. 3, 1931	C,E,	D,S	Screen from 547 to 659 feet. Well formerly used for irrigating rice.
	40.2		May 12, 1936	--		
	62.5		Jan. 27, 1942			
1362	--		--	C,E, ² / ₄	D	
1365	15.7		Sept. 15, 1927	None	N	Casing: 102 feet of 10-inch and 550 feet of 8-inch. Screen from 583 to 649 feet. Owner's No. 1.
	47.3		July 13, 1940			

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1366	22 $\frac{3}{4}$ miles southeast	Galveston-Houston Electric Co.	Layne-Bowler Co.	1910	788	6	--
1367	22 $\frac{1}{2}$ miles southeast	Humble Pipe Line Co.	Layne-Texas Co.	1938	660	8-5/8, 6-5/8	0
1368	8 $\frac{1}{4}$ miles northeast	J. M. Cordell & Sons	A. E. Fawcett, Sr.	1938	442	4	--
1369	9 $\frac{1}{2}$ miles southeast	City of South Houston	McMasters & Pomeroy	1935	916	8,6	2.2
1371	9 $\frac{3}{4}$ miles east	Sheffield Steel Corp.	Layne-Texas Co.	1941	449	16,10 $\frac{3}{4}$, 8-5/8	0
1372	do.	do.	do.	1941	713	16, 8-5/8	0
1373	10 $\frac{1}{4}$ miles east	Haden Lime Co.	J. E. Roberts	1929	400+	6	--
1374	9 miles east	Harris County Fresh Water Dist.	Layne-Texas Co. No. 5	1940	750	13-3/8, 6-5/8	0
1375	8 $\frac{1}{2}$ miles east	Federal Investment Co.	A. E. Fawcett, Sr.	1934	489	6	--
1376	7 $\frac{1}{4}$ miles east	George Merritt	W. J. Swinehart	1938	204	6,4	--
1377	7 miles east	T. F. Hackney	J. C. Bland	1940	200	--	--
1378	4 $\frac{1}{2}$ miles east	S. E. Ables	Layne-Texas Co.	1936	342	4,3,2	0
1379	do.	A. M. Geibel	A. E. Fawcett, Sr.	1937	439	3,2	0
1380	do.	A. E. Fawcett, Sr.	do.	1936	600	3,2	0
1381	4 $\frac{1}{4}$ miles northeast	Houston Band Mill	do.	1937	110	6	--
1382	do.	do.	do.	1936	110	6	--
1383	4 $\frac{1}{2}$ miles northeast	Oldham-Parks Lumber Co.	G. Glidden	1936	540	6,4	--
1384	4 $\frac{3}{4}$ miles northeast	Southern Acid & Sulphur Co.	McMasters & Pomeroy	1939	373	6	0
1385	7 miles northeast	Two Point Filling Station	J. W. Evans	1939	314	3,2	--
1386	5 $\frac{3}{4}$ miles northeast	A. W. Baker	A. E. Fawcett, Sr.	1937	481	4,2	--
1387	4 $\frac{1}{4}$ miles northeast	Pittsburg Plate Glass Co.	Layne-Texas Co.	1940	638	13-3/8, 6-5/8	0

Well No.	Water level Below measuring point (ft.) g/	Date of measurement	Method of lift b/	Use of water c/	Remarks
1336	--	--	A,E, --	D,RR	Screen at 568-587 and 611-653 feet. See log.
1367	d/ 42	June 11, 1938	T,E, 7 $\frac{1}{2}$	Ind	Screen from 592 to 659 feet. Yield 150 gallons a minute with a drawdown of 6 feet when drilled.
1368	--	--	J,E, 5	Ind	Screen from 422 to 442 feet. Owner's No. 2. Supplies brick kiln.
1369	95.9	June 5, 1941	T,E, --	P	Casing: 721 feet of 8-inch and 195 feet of 6-inch. Screen from 856 to 916 feet. Owner's
1371	d/ 95	Oct. 17, 1941	T,E, 75	Ind	Casing: 209 feet of 16-inch, 40 feet No. 2. of 10 $\frac{3}{8}$ -inch and 200 feet of 8-5/8-inch. Screen at 249-268, 296-308 and 296-448 feet. Gravel-walled. Yield 660 gallons a minute with a drawdown of 55 feet when drilled. Owner's No. 3.
1372	d/104	Sept. 20, 1941	T,E, 75	Ind	Casing: 483 feet of 16-inch and 230 feet of 8-5/8-inch. Screen at 592-616 and 629-710 feet. Gravel-walled. Yield 610 gallons a minute with a drawdown of 67 feet when drilled.
1373	--	--	A,E, --	Ind	Screen at bottom of well. Owner's No. 2.
1374	d/ 97	June 10, 1940	T,E, 40	P	Casing: 481 feet of 13-3/8-inch and 269 feet of 6-5/8-inch. Screen at 595-630, 640-662, 677-701 and 715-740 feet. Yield 520 gallons a minute with a drawdown of 75 feet when drilled.
1375	--	--	J,E, 3	P	Screen from 479 to 489 feet. Yield See log. 20 gallons a minute when drilled. Supplies
1376	--	--	J,E, 3 $\frac{1}{2}$	P	Screen from 184 to 204 Nira Park Addition. feet. Yield 30 gallons a minute when drilled. Supplies Industrial Addition. Owner's No. 2.
1377	--	--	J,E, 5	P	Supplies Meadowview Addition.
1378	d/ 67	Oct. 1936	T,E, --	D	Screen from 325 to 342 feet.
1379	d/ 72	1937	C,E, 4	D	Screen from 433 to 439 feet.
1380	d/ 87	1940	C,E, 1 $\frac{1}{2}$	D	Screen from 594 to 600 feet.
1361	--	--	S,- --	D,Ind	Screen from 92 to 110 feet. Owner's No. 1.
1332	--	--	S,- --	D,Ind	Screen from 90 to 110 feet. Owner's No. 2.
1333	--	--	A,- --	Ind	Casing: 60 feet of 6-inch and 480 feet of 4-inch. Screen from 516 to 540 feet.
1384	d/ 54	1939	T,E, 7 $\frac{1}{2}$	Ind	Screen at 152-175, 196-218 and 335-355 feet. Yield 150 gallons a minute with a drawdown of
1385	--	--	C,E, 1	D	Screen from 304 to 35 feet when drilled. 314 feet.
1386	--	--	C,T, 1	D,S	Screen from 475 to 481 feet.
1387	d/ 90	June 21, 1940	T,E, 75	Ind	Casing: 398 feet of 13-3/8-inch and 240 feet of 6-5/8-inch. Screen at 514-574, 584-594 and 606-626 feet. Yield 445 gallons a minute with a drawdown of 61 feet when drilled. Temperature 76° F.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1388	4½ miles northeast	General Metals Corp.	A. E. Fawcett, Sr.	1938	912	8,6	--
1389	do.	Industrial Engineering Co.	do.	1940	205	2½	0
1390	5¾ miles northeast	Houston Gardens Subdivision	McMasters & Pomeroy	1938	330	6	0
1391	do.	Rosedale Gardens Subdivision	do.	1938	330	6	0
1392	4½ miles northeast	Houston Belt & Terminal R.R.	do.	1940	826	8	--
1393	6¼ miles southwest	Rice Institute Est.	L. J. Martin	1937	85	3	2.0
1394	3¼ miles northeast	Southern Pacific Co.	Layne-Texas Co.	1941	919	13	0
1395	2½ miles northeast	City of Houston	do.	1938	1,291	21½, 12¾	3.0
1396	2 miles northeast	Ward-Baird Lumber Co.	I. H. Mowery	1941	154	3	--
1397	2¾ miles east	Standard Asbestos Mfg. & Insulating Co.	A. E. Fawcett, Sr.	1938	325	4	0
1398	3¼ miles northeast	Mission Manufacturing Co.	Layne-Texas Co.	1939	574	8-5/8, 6-5/8	0
1399	3½ miles northeast	Elizabeth Moody Est.	G. Crook	1938	207+	6	--
1400	do.	Adams Theatre Interests	do.	1937	400	6,4	0
1401	4½ miles northeast	Whyte Florists	--	1927	260	6	0
1402	3½ miles north	Missouri Pacific Lines	McMasters & Pomeroy	1929	1,000	16	0
1403	3¼ miles north	Houston Concrete Products	M. R. Pretty	1939	204	4	--
1404	3 miles north	Newsom's Truck Lines	Layne-Texas Co.	1939	210	4,2½	0
1405	3¾ miles north	H. C. Hollenback	McMasters & Pomeroy	1939	656	8,6	--
1406	do.	Harris County Water Control Dist. No. 2	do.	1940	853	12,8	0
1407	4½ miles north	Texas Water Co.	do.	1941	753	8,6	0

Well No.	Water level		Date of measurement	Method of lift	Use of water	Remarks
	Below measuring point (ft.)	a/b/				
1398	--		--	T,E, 15	Ind	Casing: 250 feet of 8-inch and 662 feet of 6-inch. Screen from 872 to 912 feet. Estimated yield 200 gallons a minute in 1941.
1399	d/ 59		Nov. 1940	J,E, 2	Ind	Screen from 188 to 198 feet. Yield 10 gallons a minute when drilled.
1390	d/ 59		1938	T,E, 5	P	Screen from 300 to 330 feet. Yield 125 gallons a minute with a drawdown of 41 feet when
1391	d/ 59		Nov. 23, 1938	T,E, 5	P	Screen at 284-304 and 311-321 feet. drilled. Yield 125 gallons a minute with a drawdown of
1392	--		--	T,E, 7½	PR	Screen from 766 to 41 feet when drilled. 826 feet. Yield 100 gallons a minute July 1941. Supplies Gulf Coast Station.
1393	24.1		Feb. 9, 1939	A,G, --	S	
1394	d/11c		Apr. 8, 1941	T,E, 40	RR Ind	Screen at 561-580, 600-620, 775-796 and 835-898 feet. Supplies Englewood Yard and Creosote
1395	88.3		Apr. 25, 1939	T,E, 150	P	Casing: 375 feet of 21½-inch Plant. See log. and 916 feet of 12¾-inch. Screen at 461-534, 629-884, 1,015-1,036, 1,114-1,135 and 1,245-1,279 feet. Gravel-walled. Yield 2,010 gallons a minute January 1942. Owner's Number
1396	--		--	C,E, 1	D,Ind	Screen from 139 to 154 feet. Northeast 2.
1397	d/ 78		1938	C,E, 1	D,Ind	Screen from 310 to 325 feet.
1398	d/ 80		June 6, 1939	T,E, --	Ind	Screen from 519 to 572 feet. Yield 300 gallons a minute with a drawdown of 30 feet when
1399	--		--	J,E, --	D,S, Irr	Screen: 20 feet at drilled. Owner's No. 2. bottom of well.
1400	d/ 37		1939	J,E, 5	D,Ind	Screen from 355 to 400 feet. Yield 100 gallons a minute when drilled.
1401	d/ 35		1938	A,E, 10	D,Irr	Screen from 200 to 230 feet. Yield 90 gallons a minute when drilled.
1402	d/ 76.7		Sept. 20, 1938	T,E, 7½	RR	Screen at 641-682, 745-806, 846-869 and 948-981 feet. Estimated yield 260 gallons a minute in 1939. Supplies Percival Junction Yards.
1403	--		--	C,E, --	D,Ind	Yield 10 gallons a minute when drilled. See log.
1404	d/ 64		Dec. 5, 1939	T,E, --	D,Ind	Screen from 200 to 210 feet. Yield 8 gallons a minute when drilled.
1405	--		--	T,E, 7½	P	Screen from 624 to 656 feet. Estimated yield 130 gallons a minute 1941. Supplies Linder
1406	d/104		June 17, 1940	T,E, 50	P	Casing: 250 feet of 12-inch and 603 Lake. feet of 8-inch. Screen at 626-648, 708-752, 764-774, 799-821 and 831-843 feet. Yield 760 gallons a minute when drilled. Supplies Lin-
1407	d/ 91		May 1941	T,E, --	P	Casing: 304 Dale Park. Owner's No. 2. feet of 8-inch and 449 feet of 6-inch. Screen at 496-520, 615-648 and 712-743 feet. Yield 90 gallons a minute with a drawdown of 23 feet when drilled. Supplies Oakwood Addition. Owner's No. 2.

Records of wells in Houston district, Harris County, Texas--Continued

Well No.	Distance from Houston Courthouse	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1408	4 miles northwest	Houston Independent School District	McMasters & Pomeroy	1936	210	6	--
1409	4 1/2 miles northwest	Texas Water Co.	do.	1939	411	6, 4	--
1410	4 1/2 miles northwest	City of Houston	Layne-Texas Co.	1936	1,232	25, 13	2.0
1411	4 miles northwest	do.	do.	1938	1,252	21 1/2, 12 1/2	3.0
1412	3 1/2 miles northwest	do.	do.	1936	1,458	25, 13	1.0
1413	5 miles northwest	Harris County Water Control and Improvement	McMasters & Pomeroy	1937	300	6	--
1414	do.	do.	Layne-Texas Co.	1940	834	13-3/8, 7	0
1415	5 1/2 miles northwest	Heights Golf Course	Fred Powell	1938	290	6, 4	--
1416	11 miles west	J. C. Bauer	M. R. Pretty	1937	170	3?	--

a/ Plus (+) indicates water level is above ground.

b/ Pump or lift: T, turbine; Cf, centrifugal; J, jet; C, cylinder; A, air; Ng, natural gas; B, rope and bucket.

Power: E, electric; D, diesel; G, gasoline engine; S, steam; W, windmill; H, hand. Figure indicates horsepower.

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
1408	--	--	T,E, 5	P	Screen from 190 to 210 feet. Supplies Roosevelt School.
1409	--	--	T,E, 5	P	Screen from 372 to 411 feet. Estimated yield 75 gallons a minute July 1941. Supplies Air-
1410	95.4	Aug. 21, 1939	T,E, 150	P	Casing: 456 feet of 25-inch line Addition. and 776 feet of 13-inch. Screen at 581-616, 660-695, 766-817, 866-887, 977-1,029, 1,062-1,151 and 1,183-1,226 feet. Gravel-walled. Yield 2,500 gallons a minute January 1942.
	109.1	Sept. 9, 1941			
1411	93.0	Apr. 24, 1939	T,E, 150	P	Casing: 473 feet Owner's Number Heights 6. of 21 $\frac{1}{2}$ -inch and 779 feet of 12 $\frac{3}{4}$ -inch. Screen at 558-580, 679-760, 778-829, 958-1,007, 1,017-1,042, 1,062-1,156 and 1,175-1,240 feet. Gravel-walled. Yield 1,670 gallons a minute January 1942. Owner's Number Heights 8.
	101.3	May 20, 1941			
1412	89.5	May 25, 1939	T,E, 150	P	Casing: 459 feet of 25-inch and 999 feet of 13-inch. Screen at 565-651, 703-778, 798-848, 879-912, 992-1,271, 1,352-1,384 and 1,422-1,454 feet. Gravel-walled. Yield 2,010 gallons a minute January 1942. Owner's Number Heights 7.
	97.0	May 20, 1941			
1413	--	--	T,E, 7 $\frac{1}{2}$	P	Reported yield 125 gallons a minute July 1941. Auxiliary supply for Garden Oaks Subdivision.
1414	d/ 91	Oct. 3, 1940	T,E, 75	P	Casing: 352 feet of 13-3/8- inch and 482 feet of 7-inch. Screen at 362-426, 540-584, 682-766 and 794-814 feet. Yield 1,120 gallons a minute with drawdown of 73 feet when drilled. Supplies Garden Oaks Subdivision.
1415	--	--	J,E, 5	Irr	Owner's No. 2: See log.
1416	--	--	C,E, --	D	

c/ P, public supply; Ind, industrial; Irr, irrigation; D, domestic; S, stock; O, oil field; N, none.

d/ Water level reported by driller or owner.

FORT BEND COUNTY

Records of wells in Houston district, Texas

All wells are drilled unless otherwise stated under Remarks

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
1	10 $\frac{1}{2}$ miles southwest	Pecan Acres, Inc.	Layne-Bowler Co.	1913	205	18, 11-5/8	1.2
6	6 miles southwest	P. V. Cook	Ira Southard	1930	596	16,-	4.0
7	4 miles southwest	C. C. Cardiff	Layne-Texas Co.	1925	337	24,18, 12,6	0.5
9	2 $\frac{1}{4}$ miles southwest	L. D. Brown	Ira Southard	1925	174	26,10	0
11	1 $\frac{3}{4}$ miles southwest	P. V. Cook	do.	1929	170+	28,12	2.0
13	1 mile southeast	T. B. Turner	Layne-Bowler Co.	1909	180	24, 11-5/8	--
15	3 $\frac{1}{2}$ miles southwest	P. V. Cook	I. W. Lawson	Old	172	24,10	0.5
16	4 $\frac{1}{2}$ miles southwest	C. C. Cardiff	Layne-Texas Co.	1925	628	24,12, 10	0.6
17	5 miles south	Mrs. H. L. Gordon	I. W. Lawson	1926	586	24,12, 8	0.7
18	5 $\frac{3}{4}$ miles southwest	Sam Poorman	Layne-Texas Co.	1923	723	26,12, 10	0.3
19	4 $\frac{3}{4}$ miles south	R. Robertson	I. W. Lawson	1926	545	24,10, 6	0
20	5 $\frac{3}{4}$ miles southeast	L. Pauli	do.	1913	250	24,10	1.0
21	6 $\frac{1}{4}$ miles south	do.	--	Old	--	36,-	0
26	10 $\frac{1}{2}$ miles southeast	C. Pillot	Southern Well Drilling Co.	1923	657	26,12	0
29	9 $\frac{1}{4}$ miles southeast	do.	Delta-Shurwell, Inc.	1939	500	20,14	2.8

Well No.	Water level Below measuring point (ft.) a/	Date of measurement	Method of lift b/	Use of water c/	Remarks
1	31.3	Oct. 1, 1940	C,W	D,S	Casing: 104 feet of 18-inch and 101 feet of 11-5/8-inch. Screen at 59-103 and 145-202 feet. Formerly used for irrigating rice. See log.
6	66.0	Jan. 15, 1942	T,E, 50	Irr	Measured yield 1,150 gallons a minute in 1940. Irrigated 280 acres of rice in 1941. Owner's
7	61.7	Jan. 19, 1942	C,W	S	Casing: 98 feet of 24-inch, 14 No. 4. feet of 18-inch, 159 feet of 12-inch and 66 feet of 6-inch. Formerly used for irrigating
9	58.4	do.	T,E, 30	Irr	Casing: 68 feet of rice. Owner's No. 1. 26-inch and 106 feet of 10-inch. Measured
11	48.7	Mar. 18, 1933	T,D, 80	Irr	yield 910 gallons a minute in 1940. Irrigated Casing: 70 feet 160 acres of rice in 1941. of 28-inch; 12-inch to bottom. Measured yield
	57.7	Jan. 15, 1942			570 gallons a minute in 1940. Irrigated 120 acres of rice in 1941. Owner's No. 3.
13	--	--	T,E, 30	Irr	Casing: 74 feet of 24-inch and 106 feet of 11-5/8-inch. Screen from 102 to 178 feet. Irrigated about 200 acres of rice in 1941.
15	52.3	Mar. 24, 1931	T,E, 40	Irr	Casing: 63 feet of 24-inch Owner's No. 1. and 109 feet of 10-inch. Measured yield 575 gallons a minute in 1940. Irrigated 160 acres of rice in 1941. Owner's No. 1.
16	53.8	Mar. 24, 1931	T,E, 60	Irr	Casing: 90 feet of 24-inch, 108 feet of 12-inch and 430 feet of 10-inch. Screen at 284-303, 344 365 and 583-624 feet. Measured yield 1,375 gallons a minute. Irrigated 360 acres of rice in 1941. Owner's No. 2. See log.
	59.4	Jan. 19, 1942			
17	53.2	Jan. 19, 1942	T,E, 75	Irr	Casing: 100 feet of 24-inch, 140 feet of 12-inch and 346 feet of 8-inch. Measured yield 1,415 gallons a minute in 1940. Irrigated 300
18	49.2	Mar. 24, 1931	T,E, 60	Irr	Casing: 132 feet of acres of rice in 1940. 26-inch, 83 feet of 12-inch and 508 feet of 8-inch. Measured yield 1,370 gallons a minute in 1940. Irrigated 400 acres of rice in 1940.
19	34.5	Mar. 24, 1931	T,D, --	Irr	Casing: 100 feet of 24-inch. See log. Irrigated 300 acres of rice in 1940.
	47.6	Mar. 11, 1941			
20	39.9	Jan. 19, 1942	T,E, 30	Irr	Casing: 50 feet of 24-inch and 200 feet of 10-inch.
21	39.4	Mar. 24, 1931	T,E, 40	Irr	Irrigated 315 acres of rice in 1941.
	43.0	Jan. 15, 1942			
26	28.7	Jan. 19, 1942	T,D, 100	D,S, Irr	Casing: 82 feet of 26-inch and 575 feet of 12-inch. Formerly used for rice irrigation.
29	32.7	Mar. 11, 1941	T,E, 50	Irr	Casing: 127 feet of 20-inch and 373 feet of 14-inch; slotted from 85 to 114, 137 to 164, 176 to 254, 294 to 386, 396 to 476 and 486 to 500 feet. Yield 1,700 gallons a minute when drilled. Irrigated 250 acres of rice in 1940. Owner's No. 2.

Records of wells in Houston district, Fort Bend County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
30	6½ miles southwest	B. Ray Woods	Delta-Shurwell, Inc.	1936	334	16,12, 8	0.2
31	5 miles southwest	C. C. Cardiff	do.	1939	496	18,13, 9	2.0
32	6½ miles southwest	L. D. Ware	Ware and Ginn	1940	590	18,12	0.7
33	3½ miles southwest	Earl McMillian	Ira Southard	1938	346	15	1.5
34	3¾ miles southwest	C. C. Cardiff	Delta-Shurwell, Inc.	1939	315	18,12	1.3
35	10½ miles southeast	C. Pillot	do.	1939	500	20,14	2.0
37	3½ miles southwest	J. L. Rose	J. H. Bennett	1922	135	3	0.5
38	3½ miles southwest	do.	do.	1916	118	4	--
39	6½ miles south	M. A. McDonald	--	--	50	3	--
40	6½ miles southeast	-- Settegast	--	--	156	8	1.0
41	7 miles southeast	Jack Mehrens	Otto Mickelson	1941	517	18,16, 12	0
42	do.	do.	C. F. Mahler	1941	80	2½	--
43	6 miles southeast	W. M. Wheless	Delta-Shurwell, Inc.	1941	630	20,13	--
45	9½ miles southeast	C. Pillot	--	--	80	2,1½	2.0
49	In Sugarland	Fort Bend Utilities Co.	Layne-Texas Co.	1941	726	16,10½	1.0
50	do.	do.	do.	1934	733	16,10	4.0

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
30	65.7	Jan. 19, 1942	T,E, 50	Irr	Casing: 123 feet of 16-inch, 38 feet of 12-inch and 171 feet of 8-inch; slotted from 74 to 118; 123 to 139, 146 to 155, 161 to 166, 176 to 181, 225 to 248, 270 to 294 and 310 to 331 feet. Measured yield 1,755 gallons a minute in 1940. Irrigated 356 acres of rice
31	66.5	Oct. 24, 1941	T,E, 60	Irr	Slotted casing: 235 feet. Measured yield 1,600 gallons a minute in July 1940. Irrigated 350 acres of rice in 1941. Owner's No. 2.
32	65.2	Jan. 19, 1942	T,D, 95	Irr	Casing: 140 feet of 18-inch and 450 feet of 12-inch. Slotted casing: 442 feet. Irrigated 325 acres of rice in 1941. Owner's No. 4.
33	62.5	do.	T,E, 50	Irr	Slotted casing: 170 feet. Irrigated 350 acres of rice in 1941.
34	53.9	do.	T,E, 40	Irr	Measured yield 1,740 gallons a minute in 1940. Irrigated 360 acres of rice in 1940. Owner's
35	d/35.5	Sept. 1939	T,E, 75	Irr	Casing: 120 feet of 20-inch and 380 feet of 14-inch; slotted from 135 to 215, 241 to 255, 272 to 346, 355 to 371, 382 to 412, 422 to 426, 431 to 458, 467 to 481 and 484 to 495 feet. Measured yield 2,045 gallons a minute in 1940. Irrigated 293 acres of rice in 1940. Owner's No. 1. See log. No. 3.
37	63.2	June 2, 1941	None	N	Measured depth 123 feet.
38	--	--	C,W	D,S	Screen from 112 to 118 feet.
39	--	--	C,W	D,S	
40	41.4	June 2, 1941	C,W	S	
41	32.4	do.	T,D, 150	Irr	Casing: 120 feet of 18-inch, 80 feet of 16-inch and 317 feet of 12-inch; slotted opposite all sands below 100 feet. Yield 2,600 gallons a minute when drilled. Irrigated about 305
42	--	--	C,H	D	acres of rice in 1941.
43	--	--	T,E, 60	Irr	Casing: 140 feet of 20-inch and 490 feet of 13-inch. Slotted casing: 291 feet between 64 and 630 feet. Irrigated 322 acres of rice in
45	26.7	Mar. 11, 1941	None	N	1941.
49	49.5	Nov. 25, 1941	T,E, 100	Ind	Casing: 420 feet of 16-inch and 306 feet of 10 $\frac{3}{4}$ -inch. Screen from 501 to 561, 581 to 661 and 681 to 721 feet. Yield 400 gallons a minute when drilled. Owner's No. 7.
50	45.8	Mar. 2, 1941	T,E, 75	Ind	Casing: 297 feet of 16-inch and 436 feet of 10-inch. Screen from 555 to 638 and 737 to 802 feet. Yield 1,260 gallons a minute with drawdown of 57 feet in November 1938. Owner's No. 6.

Records of wells in Houston district, Fort Bend County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
54	In Sugarland	Fort Bend Utilities Co.	Layne-Texas Co.	1920	1,606	24,10,8	1.0
55	do.	do.	do.	1922	604	16,8	--
64	21 miles southeast	Balke Electric Co.	do.	1927	297	6,4	--
75	26 miles southeast	Gulf Pipe Line Co.	Gulf Production Co.	1920	800 ⁺	6	2.5
76	24 miles southeast	Unknown	--	--	--	6	2.8

a/ Plus (+) indicates water level is above ground.

b/ Pump or lift: T, turbine; Cf, centrifugal; J, jet; C, cylinder; A, air; Ng, natural gas; B, rope or bucket.

Power: E, electric; D, diesel; G, gasoline engine; S, steam; W, windmill; H, hand. Figure indicates horsepower.

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
54	25.9	May 25, 1941	T, E, 50	D	Casing: 92 feet of 24-inch, 1,400 feet of 10-inch and 114 feet of 8-inch. Screen from
55	--	--	T, E, 50	Ind	Casing: 1,545 to 1,606 feet. Owner's No. 3. 88 feet of 16-inch and 516 feet of 8-inch. Screen at 293-353, 439-460, 505-527, 543-565
64	--	--	C, E, 1/3	D	Casing: and 578-600 feet. Owner's No. 5. 181 feet of 6-inch and 116 feet of 4-inch. Screen from 274 to 296 feet. See log.
75	56.1	Jan. 27, 1942	A, -	D, S	
76	35.7	do.	None	N	

c/ P, public supply; Ind, industrial; Irr, irrigation; D, domestic; S, stock; O, oil field; N, none;

d/ Water level reported by driller or owner.

WALLER COUNTY

Records of wells in Houston district, Texas

All wells are drilled unless otherwise stated under Remarks

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
117	In Prairie View.	Mrs. H. L. Milam	--	1931	20	2	0
119	23 $\frac{1}{2}$ miles northwest	Prairie View State College	Layne-Texas Co.	1930	576	12 $\frac{1}{2}$, 10	--
120	do.	do.	do.	1920	571	6	--
121	do.	do.	--	Old	600+	--	--
128	In Prairie View	H. & T. C. R.R.	--	Old	90+	4	0.4
152	21 miles northwest	-- Meyer	--	1931	20	2	0
154	19 $\frac{3}{4}$ miles northwest	W. D. Weaver	W. D. Weaver	Old	58	5	1.0
221	7 $\frac{3}{4}$ miles northwest	Harry Hebert	Harry Hebert	1930	524	16, 12	0
223	6 $\frac{3}{4}$ miles northwest	T. B. Tucker	Layne-Texas Co.	1928	767	16, 12, 8	0.3
225	5 $\frac{3}{4}$ miles northwest	L. E. Morrison	do.	1929	643	24, 12	1.0
226	4 $\frac{1}{2}$ miles northwest	Campbell & Jones	W. M. Justman	1930	470	16, 12	--
230	3 miles northwest	Francis Young	Southern Well Drilling Co.	1922	273	26, 12	--
233	3 $\frac{1}{2}$ miles west	J. Alt	--	1927	256	12	--
235	2 $\frac{1}{4}$ miles west	John Cope	I. W. Lawson	1932	175	24, -	2.9
236	1 $\frac{1}{2}$ miles northwest	W. J. Alderson	-- Jone	1904	174	48, 11 $\frac{1}{2}$, 8 $\frac{1}{4}$	--
238	3 miles northwest	Francis Young	Delta Shurwell, Inc.	1936	280	12	0
239	12 miles northwest	Lyn Hebert	Norman Ginn	1939	828	30, 18, 12	0.5

Chemical analyses of water from these wells are shown in a table of analyses on pages 169 to 170.

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
117	8.0	Jan. 23, 1942	None	N	Test well used for water level measurements.
119	--	--	T,E, 25	P	Owner's No. 3.
120	--	--	A,-	P	Screen at 519-529 and 550-571 feet. Owner's No. 2. See log.
121	--	--	A,-	P	Owner's No. 1.
128	40.7	Jan. 23, 1942	C,H	D	Rarely used.
152	2.6	do.	None	N	Test well used for water level measurements.
154	11.4	do.	C,W	D,S	
221	46.2	Feb. 10, 1931	None	N	Casing: 150 feet of 16-inch and 374 feet of 12-inch. Screen at 110-150, 286-326, 358-375, 385-405 and 478-518 feet. Irrigated 314 acres of rice in 1940. Abandoned in 1941. Temperature 72° F. Owner's No. 1.
	56.7	Oct. 28, 1941			
223	49.2	Feb. 10, 1931	T,E, 30	Irr	Casing: 115 feet of 16-inch, 93 feet of 12-inch and 559 feet of 8-inch. Screen at 117-145, 165-198, 304-343, 425-445, 467-488, 596-630 and 693-714 feet. Measured yield 880 gallons a minute in 1940. Used with well 247 to irrigate about 460 acres of rice in 1941. Temperature 71° F. Owner's No. 2.
	58.9	Jan. 15, 1942			
225	60.4	Jan. 20, 1942	T,E, 30	Irr	Casing: 120 feet of 24-inch and 523 feet of 12-inch. Screen at 155-165, 201-211, 321-341, 381-443, 529-572 and 607-628 feet. Measured yield of wells 225 and 257, 1,500 gallons a minute in 1940. Two wells irrigated 450 acres of rice in 1941. Owner's No. 2. See log.
226	--	--	T,E, --	Irr	Estimated yield about 2,000 gallons a minute in 1940. Irrigated 400 acres of rice in 1941.
230	--	--	None	N	Casing: 68 feet of 26-inch and 205 feet of 12-inch.
233	--	--	T,E, 40	Irr	Screen at 130-170 and 210-256 feet. Measured yield 1,650 gallons a minute in 1940. Irrigated 146 acres of rice in 1941.
235	49.1	Mar. 12, 1931	T,E, --	Irr	Irrigated 175 acres of rice in 1941.
	62.6	Jan. 15, 1942			
236	--	--	T,E, 30	Irr	Casing: 60 feet of 48-inch with one 8 1/4-inch and one 11-5/8-inch well in bottom of pit. Irrigated 100 acres of rice in 1940; unused in 1941.
238	63.0	Jan. 20, 1942	T,E, 60	Irr	Casing slotted from 9 to 33, 47 to 86 and 90 to 202 feet. Measured yield 1,450 gallons a minute in 1940. Irrigated 200 acres of rice in 1941.
239	54.8	do.	T,D, --	Irr	Estimated yield 2,000 gallons a minute in 1940. Irrigated 385 acres of rice in 1941.

Records of wells in Houston district, Waller County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
240	6 $\frac{1}{4}$ miles west	B. Ray Woods	Delta-Shurwell, Inc.	1939	290	20,14	0.5
241	11 miles northwest	Dr. -- Harris	do.	1938	905	18,12, 10,8	--
242	8 miles northwest	Robichaux and Thompson	do.	1939	555	18,12, 8	1.0
243	9 $\frac{3}{4}$ miles northwest	Clyde M. Nelson	do.	1939	810	18,13	0.5
244	do.	Perry Robertson	Ira Southard	1937	893	24,12	1.0
245	do.	G. P. Nelson	Delta-Shurwell, Inc.	1939	482	20,16, 12	0
246	8 $\frac{1}{2}$ miles northwest	A. E. Thompson	Layne-Texas Co.	1937	926	18-5/8, 12 $\frac{3}{4}$, 8-5/8	1.0
247	6 $\frac{1}{2}$ miles northwest	T. B. Tucker	Delta-Shurwell, Inc.	1938	641	18,12, 8	1.0
248	7 $\frac{1}{2}$ miles northwest	John and C. R. England	do.	1939	428	18,12	2.0
249	6 $\frac{1}{2}$ miles northwest	J. V. Cardiff	Layne-Texas Co.	1940	586	18-5/8, 13	0.5
250	13 $\frac{3}{4}$ miles northwest	Roy Turner	Delta-Shurwell, Inc.	1940	846	24,12 $\frac{3}{4}$	0
251	5 $\frac{1}{2}$ miles northwest	J. V. Cardiff	Layne-Texas Co.	1925	653	24,12, 10	--
252	2 $\frac{1}{4}$ miles northwest	J. A. Kimball	do.	1936	246	24,12	0.2

Well No.	Water level		Method of lift b/	Use of water c/	Remarks
	Below measuring point (ft.) a/	Date of measurement			
240	59.4	Jan. 20, 1942	T,D, --	Irr	Casing: 148 feet of 20-inch and 142 feet of 14-inch; slotted opposite all sands below 30 feet. Used with Well 255 to irrigate 370 acres
241	--	--	T,D, 125	Irr	Casing: 130 feet of 18-inch, 307 feet of 12-inch, 150 feet of 10-inch and 319 feet of 8-inch; slotted from 260 to 278, 395 to 435, 482 to 492, 567 to 585 and 883 to 903 feet. Yield 1,800 gallons a minute when drilled. Irrigated 350 acres of rice in 1941. Owner's No. 3.
242	61.1	Jan. 20, 1942	T,E, --	Irr	Casing: 130 feet of 18-inch, 277 feet of 12-inch and 148 feet of 8-inch; 207 feet of slotted casing between 60 and 555 feet. Yield 1,000 gallons a minute when drilled. Irrigated 360 acres of rice in 1941.
243	45.1	do.	T,E, 75	Irr	Slotted casing: 323 feet between 40 and 810 feet. Yield 1,600 gallons a minute when drilled. Irrigated 360 acres of rice in 1941.
244	75.3	Oct. 7, 1940	T,D, --	Irr	Estimated yield 2,200 gallons a minute in 1940. Irrigated 525 acres of rice in 1941.
245	59.0	Jan. 20, 1942	T,E, 75	Irr	Casing: 148 feet of 20-inch, 169 feet of 16-inch and 169 feet of 12-inch; 288 feet of slotted casing between 51 and 482 feet. Irrigated 425 acres of rice in 1941. Owner's No.2.
246	53.0	do.	T,E, --	Irr	Casing slotted from 145 to 166, 267 to 287, 464 to 523, 840 to 877 and 884 to 908 feet. Measured yield 1,390 gallons a minute in 1940. Irrigated 300 acres of rice in 1941. Owner's
247	60.1	do.	T,E, 40	Irr	Casing: 120 feet of 18-inch, 181 feet of 12-inch and 443 feet of 8-inch; 181 feet of slotted casing between 75 and 630 feet. Used with Well 223 to irrigate 460 acres of rice
248	61.0	do.	T,D, 85	Irr	Casing: 130 feet of 18-inch and 298 feet of 12-inch. Yield 1,700 gallons a minute with a drawdown of 38 feet when drilled. Used with Well 269 to irrigate 600 acres of rice in 1941. Owner's No. 5.
249	59.3	do.	T,E, 60	Irr	Casing slotted from 151 to 243, 343 to 472 and 536 to 576 feet. Measured yield 1,415 gallons a minute in 1940. Irrigated 385 acres of rice
250	65.6	do.	T,D, 90	Irr	Casing: 175 feet of 24-inch and 671 feet of 12 ³ / ₄ -inch; 350 feet of slotted casing between 50 and 838 feet. Estimated yield 2,000 gallons a minute in 1940. Irrigated 450 acres of rice in 1941. See log.
251	--	--	T,E, 50	Irr	Casing slotted from 136 to 198, 283 to 302, 344 to 364 and 583 to 623 feet. Irrigated 325 acres of rice in 1941. Owner's No. 1. See log.
252	60.4	Jan. 15, 1942	T,E, 40	Irr	Casing slotted from 90 to 120, 125 to 146, 166 to 188 and 207 to 209 feet. Measured yield 1,260 gallons a minute in 1940. Irrigated 200 acres of rice in 1941.

Records of wells in Houston district, Waller County, Texas--Continued

Well No.	Distance from Katy	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Height of measuring point above ground (ft.)
253	5 $\frac{1}{2}$ miles west	J. D. Woods	Delta-Shurwell, Inc.	1937	311	16,8	--
254	5 $\frac{1}{2}$ miles west	do.	do.	1935	165	16,12	--
255	6 miles west	B. Ray Woods	do.	1936	150	16,8	--
256	6 $\frac{1}{2}$ miles southwest	Chester Jordan	do.	1936	335	16,12	--
257	5 $\frac{3}{8}$ miles northwest	L. E. Morrison	Layne-Texas Co.	1939	213	20,12	--
258	13 $\frac{1}{2}$ miles northwest	Roy Turner	--	--	60	6	1.5
259	12 miles northwest	C. B. Frazier	J. H. Bennett	1940	65	4	0
260	9 $\frac{1}{2}$ miles northwest	G. P. Nelson	Delta-Shurwell, Inc.	1941	990	20,13, 10 $\frac{3}{4}$	--
261	10 $\frac{1}{2}$ miles northwest	G. E. Longenbaugh	Norman Ginn	1941	585	--	--
262	8 $\frac{1}{4}$ miles northwest	Robichaux & Thompson	--	--	32	12,8	1.5
263	7 $\frac{1}{2}$ miles northwest	Harry Hobert	Layne-Texas Co.	1941	939	20,13	1.0
264	6 $\frac{3}{4}$ miles northwest	-- Loss	--	--	87	4	2.0
265	4 miles west	A. L. Short	Norman Ginn	1934	160	4	--
266	5 $\frac{1}{4}$ miles west	J. D. Woods	J. D. Woods	1934	90	4	--
267	7 miles west	G. E. Bains	-- Smith	1900	62	6	1.0
268	do.	W. F. Entrop	--	1937	84	4	--
269	8 miles northwest	John and C. R. England	Layne-Texas Co.	1941	600	18-5/8, 13	0
270	5 $\frac{1}{4}$ miles west	J. D. Woods	Delta-Shurwell, Inc.	1937	85	4	- 0

a/ Plus (+) indicates water level is above ground.

b/ Pump or lift: T, turbine; Cf, centrifugal; J, jet; C, cylinder; A, air; Ng, natural gas; B, rope and bucket.
Power: E, electric; D, diesel; G, gasoline engine; S, steam; W, windmill; H, hand. Figure indicates horsepower.

Well No.	Water Level		Method of lift	Use of water	Remarks
	Below measuring point (ft.)	Date of measurement			
253	--	--	T,D, --	Irr	Casing: 147 feet of 16-inch and 165 feet of 8-inch; 146 feet of slotted casing between 81 and 305 feet. Yield 1,800 gallons a minute when drilled. Irrigated 350 acres of rice in Casing slotted from 1940. Owner's No. 2. 80 to 165 feet. Estimated yield 1,400 gallons a minute. Irrigated 265 acres of rice in 1941. Casing slotted from 80 to 150 Owner's No. 1. Casing measured yield 1,210 gallons a minute in 1940. Used with Well 240 to irrigate. 370 acres of rice in 1941. Owner's No. 1. 178 feet of 16-inch and 157 feet of 12-inch; slotted opposite all sands below 84 feet. Measured yield 2,000 gallons a minute in 1940. Screen Irrigated 440 acres of rice in 1941. at 56-122, 153-188 and 206-212 feet. Measured yield of wells 225 and 257 1,500 gallons a minute in 1940. Two wells irrigated 450 acres of rice in 1940.. Owner's No. 3.
254	--	--	T,D, --	Irr	Casing slotted from 1940. Owner's No. 2. 80 to 165 feet. Estimated yield 1,400 gallons a minute. Irrigated 265 acres of rice in 1941. Casing slotted from 80 to 150 Owner's No. 1. Casing measured yield 1,210 gallons a minute in 1940. Used with Well 240 to irrigate. 370 acres of rice in 1941. Owner's No. 1. 178 feet of 16-inch and 157 feet of 12-inch; slotted opposite all sands below 84 feet. Measured yield 2,000 gallons a minute in 1940. Screen Irrigated 440 acres of rice in 1941. at 56-122, 153-188 and 206-212 feet. Measured yield of wells 225 and 257 1,500 gallons a minute in 1940. Two wells irrigated 450 acres of rice in 1940.. Owner's No. 3.
255	--	--	T,D, --	Irr	Casing slotted from 1940. Owner's No. 2. 80 to 165 feet. Estimated yield 1,400 gallons a minute. Irrigated 265 acres of rice in 1941. Casing slotted from 80 to 150 Owner's No. 1. Casing measured yield 1,210 gallons a minute in 1940. Used with Well 240 to irrigate. 370 acres of rice in 1941. Owner's No. 1. 178 feet of 16-inch and 157 feet of 12-inch; slotted opposite all sands below 84 feet. Measured yield 2,000 gallons a minute in 1940. Screen Irrigated 440 acres of rice in 1941. at 56-122, 153-188 and 206-212 feet. Measured yield of wells 225 and 257 1,500 gallons a minute in 1940. Two wells irrigated 450 acres of rice in 1940.. Owner's No. 3.
256	--	--	T,D, 60	Irr	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
257	--	--	T,E, 40	Irr	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
258	39.4	Aug. 12, 1940	C,W	S	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
259	d/ 25	1940	C,H	D,S	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
260	--	--	T,D, 150	Irr	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
261	--	--	T,E, 75	Irr	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
262	23.0	Aug. 12, 1940	B,H	D	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
263	59.8	Oct. 28, 1941	T,D, --	Irr	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
264	57.9	Apr. 27, 1940	C,W	S	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
265	--	--	C,H, G,1	D,S	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
266	--	--	C,E, 4	D,S	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
267	58.5	June 2, 1941	C,E, --	D,S	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
268	--	--	C,W	D,S	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
269	d/ 60	Feb. 1941	T,E, --	Irr	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.
270	d/ 58	1940	C,E, --	D,S	Casing: 166 feet of 18-5/8-inch and 434 feet of 13-inch; slotted opposite all sands between 86 and 485 feet. Yield 1,700 gallons a minute with a drawdown of 41 feet when drilled. Used with well 248 to irrigate 600 acres of rice in Screen from 81 to 85 1941. Owner's No. 2. feet.

c/ P, public supply; Ind, industrial; Irr, irrigation; D, domestic; S, stock; O, oil field; N, nonw.
d/ Water level reported by driller or owner.

HOUSTON DISTRICT
Drillers' logs of wells in Harris County, Texas

	Thickness (feet)	Depth (feet)
<u>Well 31</u>		
R. L. Burton, 10 $\frac{1}{2}$ miles northwest of Cypress.		
Soil	2	2
Clay	16	18
Sand	29	47
Clay	2	49
Sand	10	59
Sand rock	1	60
Sand	22	82
Clay	7	89
Sand	48	137
Sand rock	1	138
Sand	4	142
Broken sand and sand rock	23	165
Sand	20	185
Clay	4	189
Sand	32	221
Clay	20	241
Sand	55	296
Sand rock	1	297
TOTAL DEPTH		297

	Thickness (feet)	Depth (feet)
<u>Well 93</u>		
Missouri Pacific Lines, in Spring.		
Clay	82	82
Fine-grained sand	41	123
Clay	41	164
Sand	60	224
Clay	83	307
Sand	48	355
Clay	38	393
Rock	2	395
Clay	11	406
Rock	8	414
Clay	32	446
Boulders and fine-grained sand	41	487
Lime rock	21	508
Gumbo	41	549
Rock	2	551
Gumbo	18	569
Rock	2	571
Sand	18	589
Rock	2	591
Sand	18	609
Gumbo	22	631
Gumbo and rock	163	794
Clay	39	833
Rock	3	836
Clay	4	840

	Thickness (feet)	Depth (feet)
<u>Well 93--Continued</u>		
Sand	22	862
Gumbo	41	903
Shale	40	943
Gumbo	41	984
Sand, water	86	1070
TOTAL DEPTH		1070

	Thickness (feet)	Depth (feet)
<u>Well 155</u>		
E. B. Longenbaugh, 7 $\frac{1}{4}$ miles northwest of Katy.		
Soil	4	4
Red clay and sand	48	52
Coarse-grained sand	16	68
Sand and gravel	30	98
Gravel	2	100
Gravel, with hard layers	30	130
Hard clay	3	133
Soft clay	31	164
Hard layers of sand	34	198
Gumbo	49	247
Clay	7	254
Sand	25	279
Boulders	6	285
Rock	1	286
Sand and gravel	51	337
Sand	2	339
Gumbo	12	351
Sand	75	426
Gumbo	3	429
Sand with layers of shale	28	457
Sand	55	512
Clay	2	514
TOTAL DEPTH		514

	Thickness (feet)	Depth (feet)
<u>Well 225</u>		
Burlington-Rock Island Railroad, 11 $\frac{1}{2}$ miles southeast of Cypress.		
Surface soil, clay, layers of rock and sand	100	100
Yellow clay	120	220
Coarse-grained sand	22	242
Rock	2	244
Sand	16	260
Clay and boulders	30	290
Coarse-grained sand	65	355
Clay	15	370
Gumbo	100	470
Soft gumbo	28	498
Rock	3	501

(Continued on next page)

HOUSTON DISTRICT

Drillers' logs of wells in Harris County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 225--Continued</u>		
Gumbo	17	518
Rock	4	522
Gumbo and boulders	53	575
Sand and gravel	41	616
TOTAL DEPTH		616

	Thickness (feet)	Depth (feet)
<u>Well 226</u>		
Frazer and Lapham, 6 miles east of Cypress.		
Sand and clay	104	104
Sand	15	119
Clay	13	132
Sand	8	140
Sandy clay	8	148
Gravel	12	160
Sand	9	169
Clay	16	185
Sand	20	205
Clay	16	221
Sand	10	231
Clay	7	238
Sand	7	245
Clay	20	265
Sand	37	302
Clay	24	326
Sand and limestone	24	350
Limestone and clay	30	380
Limestone and shale	65	445
Sand	40	485
Sandy clay	15	500
Sandstone and clay	8	508
Boulders and clay	17	525
Limestone and sand	15	540
Clay	10	550
Sandy clay	13	563
Sandy shale	17	580
Sand	23	603
Gumbo	27	630
Sand	22	652
Clay	7	659
Sand and boulders	59	718
Clay	6	724
Sand	10	734
Clay	6	740
TOTAL DEPTH		740

	Thickness (feet)	Depth (feet)
<u>Well 227</u>		
E. S. Hamilton, $5\frac{1}{4}$ miles southeast of Cypress.		
Clay	17	17
White sand	17	34
Clay	23	57

	Thickness (feet)	Depth (feet)
<u>Well 227--Continued</u>		
White clay	18	75
Clay	3	78
Sand and gravel	35	113
Clay	32	145
Sand and gravel	31	176
Clay	3	179
Sand and gravel	11	190
Clay	37	227
Sand and gravel	55	282
Clay	3	285
Sand and gravel	5	290
Clay	20	310
Sandy clay	13	323
Clay, with hard layers	11	334
Red clay	45	379
White brittle clay	19	398
Layers of clay and sand	10	408
Clay	27	435
Sand and clay	23	458
Clay	12	470
Coarse-grained sand	18	488
Clay	5	493
Sand	18	511
Clay	16	527
Sand	16	543
Clay	22	565
TOTAL DEPTH		565

	Thickness (feet)	Depth (feet)
<u>Well 301</u>		
J. H. Powell, $4\text{-}\frac{3}{4}$ miles southeast of Humble.		
Soil	25	25
Brown sand, water	75	100
Soft gumbo	110	210
Gravel and shell	20	230
Shale	110	340
Gumbo	30	370
Sand	12	382
Gumbo and shale	36	418
Hard sand	25	443
Gumbo	37	480
Sand, water	97	577
Gumbo	5	582
Sand, water	20	602
Gumbo and shale	93	695
Gravel	10	705
Hard sandy shale	10	715
Gumbo	10	725
Sand, water	40	765
Gumbo	10	775
Sand, water	70	845

(Continued on next page)

HOUSTON DISTRICT
 Drillers' logs of wells in Harris County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 353--Continued</u>		
Blue clay	5	773
Sand and gravel	30	803
Blue gumbo and rock	31	834
Sand, water	12	846
Blue gumbo and hard rock	27	873
Clay	97	970
Gumbo	20	990
Sand	22	1012
Clay	4	1016
Sand	3	1019
Clay	1	1020
Sand	10	1030
Clay and gumbo	28	1058
Rock	4	1062
Sand	8	1070
Rock	4	1074
Gumbo and soft clay	67	1141
Gravel and clay	14	1155
Gumbo and clay	36	1191
White sand	27	1218
Gumbo	22	1240
Sand, water	18	1258
Hard rock, gumbo and clay	344	1602
TOTAL DEPTH		1602

	Thickness (feet)	Depth (feet)
<u>Well 370</u>		
J. M. Johnson, No. 1, $3\frac{1}{4}$ miles east of Katy.		
Sandy soil	3	3
Clay	20	23
Sand	10	33
Clay	61	94
Sand and gravel	37	131
Soft clay	40	171
Hard sand and gravel	56	227
Soft clay	34	261
Sand	10	271
Soft clay	25	296
Hard sand and gravel	33	329
Soft clay	13	342
Boulders	10	352
Sand and gravel	16	368
Hard rock	3	371
Clay	7	378
Hard rock	2	380
Tough gumbo	23	403
Sand and gravel	17	420
Gumbo	27	447
Clay and small boulders	61	508
Gumbo	26	534
Hard sand	80	614

	Thickness (feet)	Depth (feet)
<u>Well 370--Continued</u>		
Gumbo	4	618
Hard sand	7	625
TOTAL DEPTH DRILLED		625
<u>Well 480</u>		
John Pillot, $19\frac{1}{4}$ miles west of Houston.		
Silt and clay	22	22
White sand	11	33
Clay	74	107
Sand	24	131
Clay	7	138
Sand	4	142
Clay	17	159
Sand	77	236
Blue gumbo	28	264
Sand and gravel	39	303
Clay and shale	17	320
Sand	47	367
Clay	14	381
Sand and rock	43	424
Clay	9	433
Sand with streaks of lime	19	452
Clay	8	460
Sand	10	470
Clay	8	478
Sand	34	512
TOTAL DEPTH		512

	Thickness (feet)	Depth (feet)
<u>Well 553</u>		
River Oaks Country Club, No. 2, Houston.		
Soil	2	2
Red clay	12	14
White sand	36	50
White sand with layers of sand	40	90
Clay with layers of sand	70	160
Red clay	51	211
Sand	35	246
Clay	10	256
Sand	28	284
Clay	33	317
Sand	12	329
Clay	26	355
Sand	11	366
Layers of sand and rock	6	372
Sand	20	392
Clay	35	427
Sand	23	450
Clay	4	454
Sand	12	466
Clay	5	471

(Continued on next page)

HOUSTON DISTRICT

Drillers' logs of wells in Harris County--Continued

Well 728--Continued			Well 744--Continued		
	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Boulders	8	772	Sand	10	909
Sand and boulders	21	793	Gumbo	12	921
Sand and gravel	24	817	Sand and boulders	104	1025
White rock and sand	38	855	Sand	15	1040
Rock	6	861	Shale and gumbo	60	1100
Gumbo	6	867	Boulders	12	1112
Sand and boulders	50	917	Sand	8	1120
Gumbo and shale	13	930	Sand rock	8	1128
Sand and boulders	56	986	Boulders	34	1162
Rock	28	1014	Hard gummy sand	10	1172
Sand and boulders	53	1057	Gumbo	40	1212
Gumbo	28	1095	Hard sand	8	1220
Boulders	5	1100	Sand and gravel	33	1253
Gumbo	141	1241	Gummy sand	15	1268
Sand	51	1292	Sand, water	8	1276
Gumbo	5	1297	Blue shale	36	1312
Sand	14	1311	Sand, water	8	1320
Gumbo	5	1316	Hard gummy sand	11	1331
Sand	13	1329	Gumbo and boulders	39	1370
Gumbo	39	1368	Sand rock	2	1372
Sand and gravel	44	1412	Boulders	20	1392
TOTAL DEPTH DRILLED		1412	Blue shale	7	1399
			Sand and shale	49	1448
			Gumbo, boulders and hard sand	39	1487
			Ledges of rock	62	1549
			Sand, shale and boulders	15	1564
			Sand	10	1574
			Boulders and rock	57	1631
			Gumbo	53	1684
			Rock	2	1686
			Sand	2	1688
			Gumbo and shale	102	1790
			Rock	2	1792
			Sandy shale	9	1801
			Fine-grained sand	31	1832
			Sand	12	1844
			Shale	6	1850
			Sand	26	1876
			Gumbo	23	1899
			Hard shale	11	1910
			Gray sandy shale	3	1913
			Blue sand and pink shale	10	1923
			Pink shale	8	1931
			Shale	5	1936
			Gumbo	40	1976
			Broken lime	8	1984
			Blue shale	29	2013
			Gumbo	52	2065
			Sand	40	2105
			Sand and boulders	26	2131

(Continued on next page)

HOUSTON DISTRICT
 Drillers' logs of wells in Harris County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
<u>Well 744--Continued</u>				<u>Well 788--Continued</u>			
Gumbo		3	2134	Gumbo		12	1323
Sand		12	2146	Sand		40	1363
Gumbo		4	2150	Gumbo		3	1366
TOTAL DEPTH DRILLED			2150	Sand		12	1378
<u>Well 788</u>				<u>Well 793</u>			
Shepherd Laundries, Houston.				City of Houston, South End 5.			
Surface soil and clay		20	20	Surface		6	6
Surface sand		4	24	Fine-grained sand		6	12
Clay		21	45	Clay		20	32
Red sand		15	60	Sand		22	54
Clay		145	205	Rock		1	55
Shale and sand		20	225	Sand		11	66
Sand		20	245	Clay		267	333
Shale		11	256	Sand		70	403
Sand		21	277	Sandy clay		38	441
Shale		51	328	Sand		21	462
Coarse-grained sand		42	370	Clay		41	503
Gumbo		27	397	Sand		11	514
Sand and boulders		9	406	Clay, some sand and gravel		39	553
Gumbo		10	416	Sandy shale		12	565
White rock and sand		20	436	Gumbo		2	567
Hard sandy shale		8	444	Sand		4	571
Gumbo		35	479	Gumbo and shale		11	582
Hard sandy shale		20	499	Sand		16	598
Sand and gravel		29	528	Sandy shale		73	671
Gumbo		53	581	Sand		26	697
Hard gummy sand		22	603	Sandy shale		14	711
Hard sand and white rock		19	622	Sand		52	763
Sandy shale		7	629	Sandy shale		10	773
Sand and boulders		37	666	Sand		23	796
Sand, water		40	706	Gumbo		4	800
Gumbo and boulders		43	749	Sand, with hard streaks		46	846
Gumbo		22	771	Gummy shale		12	858
Sand		5	776	Sand with streaks of			
Gumbo and boulders		22	798	shale		30	888
Sand and boulders		22	820	Gumbo		35	923
Gumbo and boulders		44	864	Sand and shale		29	952
Sand and gravel		61	925	Shale		11	963
Rock		5	930	Sand with streaks of			
Gumbo and boulders		2	932	shale		14	977
Sand and gravel		56	988	Shale		11	988
Gumbo		15	1003	Hard sand with streaks of			
Sand		73	1076	shale		19	1007
Hard rock		1	1077	Shale		5	1012
Gumbo		4	1081	Sand with streaks of			
Fine-grained sand and				shale		29	1041
boulders		30	1111	(Continued on next page)			
Gumbo		115	1226				
Sandy shale		61	1287				
Gumbo		12	1299				
Sand and boulders		12	1311				

HOUSTON DISTRICT
 Drillers' logs of wells in Harris County--Continued

	Thickness (feet)	Depth (feet)
<u>Well 793--Continued</u>		
Sand	17	1058
Hard shale	4	1062
Sandy shale	30	1092
Gumbo	10	1102
Sand, with hard layers	26	1128
Gumbo	38	1166
Shale	21	1187
Gumbo	79	1266
Sand, with hard layers	13	1279
Rock	1	1280
Layers of sandy shale	12	1292
Gumbo	36	1328
Sand, with hard layers	69	1397
Sandy shale	3	1400
Rock	1	1401
Layers of sand and shale	23	1424
Gumbo	19	1443
Sand with streaks of shale	58	1501
Sand	35	1536
Gumbo	7	1543
Layers of sand and shale	15	1558
Sand	38	1596
Gumbo and shale	94	1690
Sand	14	1704
Shale and boulders	6	1710
Rock and shale	18	1728
Gumbo	6	1734
Sand	2	1736
Rock and gumbo	278	2014
Sandy shale	4	2018
Gumbo	45	2063
Sandy shale	13	2076
Gumbo	32	2108
Sand	13	2121
TOTAL DEPTH DRILLED		2121

	Thickness (feet)	Depth (feet)
<u>Well 815</u>		
Greenwood Sanitarium, 5 miles southwest of Houston.		
Soil and clay	24	24
Sand	8	32
Joint clay	108	140
Sand	20	160
Clay	19	179
Gumbo	112	291
Joint clay	19	310
Gumbo	77	387
Shale	21	408
Gumbo	149	557
Packsand	49	606
Gumbo and clay	86	692
Gumbo	22	714

	Thickness (feet)	Depth (feet)
<u>Well 815--Continued</u>		
Sand, water	66	780
Gumbo	21	801
Sand, water	78	879
Gumbo	13	892
TOTAL DEPTH		892

	Thickness (feet)	Depth (feet)
<u>Well 841</u>		
Houston Country Club, No. 2, Houston.		
Rotary	4	4
Soil	4	8
White clay	12	20
Red clay and fine-grained sand	55	75
Red shale	25	100
Fine-grained sand	20	120
Red shale	62	182
Soft shale and sand	28	210
Tough shale	21	231
Sand	9	240
Shale and sand	28	268
Sand	10	278
Tough shale	106	384
Sand	42	426
Shale	53	479
Sand	13	492
Gumbo	16	508
Shale	12	520
Sand	12	532
Soft shale	22	554
Sand	10	564
Shale	3	567
Sand	2	569
Shale	8	577
Sand	7	584
Tough shale	48	632
Sand	10	642
Shale	22	664
Sand	18	682
Tough shale	15	697
Fine-grained sand	20	717
Shale	11	728
Tough shale	16	744
Shale, lime and gravel	24	768
Small gravel and sand	9	777
Tough shale	53	830
Soft shale	17	847
Shale with layers of sand	8	855
Sand, water	44	899
TOTAL DEPTH		899

HOUSTON DISTRICT
 Drillers' logs of wells in Harris County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
<u>Well 1140--Continued</u>				<u>Well 1172--Continued</u>			
Gumbo		6	1008	Sand		18	1134
Sand		48	1056	Gumbo		2	1136
Gumbo		27	1083	Sand		18	1154
Sand		34	1117	Gumbo		73	1227
Gumbo		20	1137	Gumbo and boulders		23	1250
Hard sand		48	1185	Gumbo		60	1310
Sand		36	1221	Rock		4	1314
Gumbo		133	1354	Sand		59	1373
Hard layer of shale		1	1355	Gumbo		3	1376
Sand		54	1409	TOTAL DEPTH			1376
Hard layer of shale		1	1410	<u>Well 1199</u>			
Sand		20	1430	Shell Oil Co., Inc., No. 3, 14 miles east of Houston.			
Gumbo		55	1485	Clay		80	80
Sand		17	1502	White sand		45	125
Hard layer of shale		1	1503	Shale and sand		52	177
Sand		37	1540	Clay		59	236
Gumbo		35	1575	Hard sand		18	254
Sand		130	1705	Sticky shale		81	335
TOTAL DEPTH DRILLED			1705	Sand, water		155	490
<u>Well 1172</u>				Gumbo		30	520
The Texas Co., No. 5, 8 $\frac{1}{4}$ miles southeast of Houston.				Hard sand		10	530
Clay		267	267	Gumbo		32	562
Sand		5	272	Sand with shale streaks		28	590
Clay		10	282	Hard sand		39	629
Sand		28	310	Shale and hard shell		36	665
Clay		6	316	Sand		48	713
Gumbo		61	377	Shale and gumbo		28	741
Sand		21	398	Sand, water		119	860
Gumbo		73	471	TOTAL DEPTH			860
Gumbo and boulders		22	493	<u>Well 1269</u>			
Gumbo		21	514	City of West University Place, No. 4, Houston.			
Gumbo and boulders		21	535	Soil		4	4
Gumbo		69	604	Clay		8	12
Sand		63	667	Red sand		10	22
Gumbo		103	770	Clay		5	27
Sand		22	792	Sandy clay		10	37
Gumbo		52	844	Red clay		13	50
Sand		10	854	Red fine-grained sand		11	61
Gumbo		10	864	Red clay		43	104
Sand		24	888	Fine-grained sand and clay		24	128
Gumbo		5	893	Red clay		18	146
Sand		10	903	Sand		14	160
Gumbo		43	946	Blue and red clay		127	287
Sand		24	970	Sand		11	298
Gumbo		15	985	Clay		28	326
Sand		19	1004	Sand		15	341
Gumbo		42	1046	Clay and sand streaks		20	361
Sand rock		2	1048	(Continued on next page)			
Sand		61	1109				
Gumbo		7	1116				

HOUSTON DISTRICT

Drillers' logs of wells in Harris County--Continued

Well 1366		Well 1374--Continued	
Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
<u>Well 1366</u>		<u>Well 1374--Continued</u>	
Galveston-Houston Electric Co., 22-3/4 miles southeast of Houston.		Tough sticky shale 15 680	
Clay 24	24	Sand 24	704
Sand 12	36	Shale 4	708
Clay 14	50	Sand 4	712
Sand 54	104	Hard shale 6	718
Clay 14	118	Sand 24	742
Sand 116	234	Tough shale 8	750
Clay 67	301	TOTAL DEPTH	750
Gumbo 125	426	<u>Well 1394</u>	
Sand 16	442	Southern Pacific Co., Houston.	
Gumbo 44	486	Surface clay 15	15
Sand 16	502	Sandy clay 10	25
Gumbo 32	534	Clay 31	56
Sand 51	585	Sandy clay 43	99
Gumbo 24	609	Clay 65	164
Sand 44	653	Clay with layers of sand 39	203
Gumbo 82	735	Sand 25	228
Sand 8	743	Sand with layers of clay 30	258
Gumbo 45	788	Clay 18	276
TOTAL DEPTH	788	Sand 15	291
<u>Well 1374</u>		Clay 37	328
Harris County Fresh Water Dist. No. 5, 9 miles east of Houston.		Clay and sand 24	352
Black surface soil 2	2	Clay 22	374
White clay 9	11	Sand 39	413
White sand 9	20	Clay 58	471
Clay 2	22	Clay and sand 23	494
White sand 17	39	Hard layers of sand 25	519
Clay 17	56	Sand and clay 10	529
Sand 14	70	Sand 58	587
Red clay 42	112	Sand and clay 10	597
Hard layers of sand and clay 49	161	Sand 25	622
Red and blue clay 20	181	Clay 15	637
Sand 45	226	Sand 36	673
Clay 111	337	Clay and sand 5	678
Sandy clay 18	355	Gumbo 32	710
Hard clay 32	387	Hard layers of sand 31	741
Tough sticky shale 21	408	Gumbo with hard layers of sand 24	765
Broken sand and shale 5	413	Hard layers of sand 32	797
Tough sticky shale 17	430	Gumbo 8	805
Broken sand and shale 4	434	Sand 106	911
Layers of tough shale 30	464	Gumbo 8	919
Sand 7	471	TOTAL DEPTH	919
Layers of tough shale 29	500	<u>Well 1402</u>	
Fine-grained sand 18	518	Missouri Pacific Lines, Houston.	
Tough sticky shale 56	574	Surface soil 12	12
Fine-grained sand 10	584	Sand 10	22
Tough sticky shale 11	595	Yellow clay 79	101
Sand 38	633	Brown sand 15	116
Tough sticky shale 10	643	(Continued on next page)	
Sand 22	665		

HOUSTON DISTRICT
 Drillers' logs of wells in Harris County--Continued

Well 1402--Continued		Well 1414			
Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Red clay	46	162	Harris County Water Control and Improve-		
Packsand	45	207	ment Dist. No. 3, 5 miles northwest of		
Clay and red shale	35	242	Houston.		
Sand and fine gravel	13	255	Sandy soil	3	3
Tough clay	15	270	Clay	8	11
Packsand	45	315	White sand	15	26
Gumbo	50	365	Red sand	27	53
Sand and gravel	8	373	Red clay	51	104
Gumbo	10	383	Hard blue and white clay	32	136
Sand and rock	15	398	Blue, white and brown clay	99	235
Rock	1	399	Sand	48	283
Gumbo	23	422	Clay	13	296
Packsand and boulders	120	542	Sand and clay	21	317
Brown shale	33	575	Clay and sand breaks	34	351
Gumbo	10	585	Sand	72	423
Sand and boulders	10	595	Hard sandy clay	60	483
Gumbo	33	628	Hard white clay	53	536
Sand and gravel	58	686	Sand	47	583
Gumbo	32	718	Clay	19	602
Sand and gravel	33	751	Sand with layers of rock	29	631
Sand	11	762	Clay	18	649
Sand and gravel	53	815	Sand	16	665
Gumbo	20	835	Sandy clay	11	676
Hard sand	8	843	Sand	88	764
Rock	1	844	Clay	25	789
Coarse gravel	32	876	Sand	21	810
Gumbo	72	948	Clay	81	891
Sand	35	983	Sand	34	925
Gumbo	17	1000	TOTAL DEPTH DRILLED		925
TOTAL DEPTH		1000			

HOUSTON DISTRICT
Drillers' logs of wells in Fort Bend County--Continued

		Thickness	Depth			Thickness	Depth
		(feet)	(feet)			(feet)	(feet)
<u>Well 64</u>				<u>Well 64--Continued</u>			
Balke Electric Co., 21 miles southeast of Katy.				Clay	98	160	
Clay	15	15	Shale	20	180		
Sand	9	24	Clay	25	205		
Clay	14	38	Sand	7	212		
Sand	12	50	Clay	48	260		
Limestone	12	62	Sand	37	297		
				TOTAL DEPTH		297	

HOUSTON DISTRICT
 Drillers' logs of wells in Waller County, Texas

	Thickness (feet)	Depth (feet)
<u>Well 120</u>		
Prairie View State College, No. 2, in Prairie View.		
Surface soil	20	20
Red sand	60	80
Clay	220	300
Soft rock	1	301
Packsand	30	331
Clay	23	354
Hard rock	1	355
Clay	90	445
Rock (?)	38	483
Sand	50	533
Clay	17	550
Sand	21	571
TOTAL DEPTH		571

	Thickness (feet)	Depth (feet)
<u>Well 225</u>		
L. E. Morrison, 5-3/4 miles northwest of Katy.		
Sandy soil	2	2
Clay	15	17
Sand	10	27
Clay	27	54
Coarse-grained sand	25	79
Clay	10	89
Sand and gravel	12	101
Gumbo	35	136
Rock	3	139
Tough gumbo	21	160
Sand and coarse gravel	11	171
Rock	1	172
Clay	20	192
Rock	2	194
Clay	10	204
Coarse-grained sand	10	214
Tough gumbo	76	290
Sand	8	298
Tough gumbo	15	313
Fine-grained sand	18	331
Rock	1	332
Fine-grained sand	17	349
Tough gumbo	8	357
Rock	1	358
Gumbo	27	385
Medium-grained sand	60	445
Gumbo	6	451
Shale	12	463
Tough gumbo	24	487
Sand	12	499
Gumbo	8	507
Sand	10	517
Gumbo	10	527
Coarse-grained packsand	48	575

	Thickness (feet)	Depth (feet)
<u>Well 225--Continued</u>		
Gumbo and shale	30	605
Sand	15	620
Rock	1	621
Sand and rock	22	643
TOTAL DEPTH		643

	Thickness (feet)	Depth (feet)
<u>Well 250</u>		
Roy Turner, 13-3/4 miles northwest of Katy.		
Soil and clay	10	10
Quicksand and dry gravel	35	45
Clay	5	50
Sand and gravel	34	84
Clay	101	185
Sand	31	216
Clay	9	225
Hard shale	12	237
Sandy shale	7	244
Sand	6	250
Clay	6	256
Sand	14	270
Shale	8	278
Sandy shale	15	293
Clay	12	305
Sand	20	325
Clay	15	340
Sandy shale	29	369
Shale	11	380
Sand	22	402
Shale	12	414
Hard sand	16	430
Gumbo	12	442
Hard sand	8	450
Shale	12	462
Sand	11	473
Gumbo	11	484
Sand	14	498
Clay	17	515
Sand and some rock	11	526
Clay	50	576
Sand and some rock	30	606
Clay	43	649
Sand and some rock	23	672
Shale	29	701
Sand	21	722
Clay	16	738
Sand and boulders	18	756
Shale	28	784
Sand	21	805
Gumbo	12	817
Fine-grained sand	18	835
Sandstone	3	838
Shale	8	846
TOTAL DEPTH		846

HOUSTON DISTRICT
 Drillers' logs of wells in Waller County--Continued

		Thickness	Depth			Thickness	Depth
		(feet)	(feet)			(feet)	(feet)
<u>Well 251</u>				<u>Well 251--Continued</u>			
J. V. Cardiff, $5\frac{3}{4}$ miles northwest of				Sand			
Katy.				Clay			
Clay	45	:	45	Rock	1	:	420
Sand	65	:	110	Hard packsand	18	:	438
Clay	5	:	115	Rock	2	:	440
Sand	60	:	175	Sand	8	:	448
Sand and gravel	25	:	200	Clay	92	:	540
Rock	3	:	203	Rock	2	:	542
Clay	14	:	217	Clay	18	:	560
Sand and rock	55	:	272	Sand	10	:	570
Rock	10	:	282	Sand and gravel	65	:	635
Coarse-grained sand	33	:	315	Clay	18	:	653
Fine-grained sand	16	:	331	TOTAL DEPTH		:	653
Clay	8	:	339			:	

HOUSTON DISTRICT

Analyses of water from wells in Harris County, Texas

Unless otherwise noted analyses were made by Margaret D. Foster, E. W. Lohr or W. W. Hastings, Chemists, U. S. Department of the Interior, Geological Survey.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Silica (SiO ₂)	Iron (Fe)
12	J. A. Hafner	61	Aug. 2, 1933	122	-	-
35	O. M. Taylor	35	do.	-	-	-
38	Louis Hegar	75 $\frac{1}{2}$	Aug. 8, 1933	-	-	1.3
39	Mrs. Joe Blake	38	Aug. 5, 1933	-	-	0.95
48	Warren Est.	210	Oct. 14, 1941	140	-	-
49	do.	108	do.	2,925	-	-
51	H. C. Nichols	64	Aug. 5, 1933	-	-	0.43
52	J. Hirsh	37	do.	-	-	0.34
53	E. Schultz	33	Aug. 4, 1933	76	-	0.35
55	Fritz Treichel	21	do.	-	-	0.63
62	Humble Oil & Refining Co.	864	Oct. 14, 1941	401	-	-
65	City of Tomball	303	do.	184	-	-
74	M. F. Michel	23	Aug. 4, 1933	-	-	0.64
75	T. J. Kuehn	30	do.	184	-	0.4
76	W. M. Buvinghausen	96	do.	-	-	-
77	L. C. Hassell	26	do.	-	-	-
78	S. Bloom	30 $\frac{1}{2}$	do.	-	-	0.54
93	Missouri Pacific Lines	1,070	Mar. 31, 1935	344	-	0.05
105	Marshall Elzy	20	Aug. 8, 1933	-	-	-
131	C. E. House	92	Aug. 9, 1933	213	-	0.02
134	Ira Southard	274	Aug. 12, 1940	223	-	-
136	J. Freeman	138	Aug. 7, 1933	252	-	0.35
140	Oscar Kemp	359	Aug. 12, 1940	218	-	-
169	Southern Pacific Co.	400	Sept. 28, 1929	203	26	-
173	Hot Wells Health Resort	110	Aug. 2, 1933	243	-	0
186	T. B. Tucker	628	Aug. 12, 1940	215	-	-
192	Hot Wells Health Resort	729	Oct. 14, 1941	273	-	-
202	R. H. Richards	48	Aug. 19, 1932	400	-	1.3
212	H. & T. C. R. R.	56	May 9, 1932	1,344	28	0.41
219	Tom Franklin	19	Aug. 4, 1933	-	-	0.56
220	Mrs. L. Hargrove	28	do.	-	-	-
223	G. Terpstra	238	Aug. 3, 1933	474	-	1.2
225	Burlington-Rock Island Railroad Co.	616	Oct. 27, 1931	332	40	-
247	W. H. Wood	54 $\frac{1}{2}$	Aug. 3, 1933	-	-	-
264	H. Weary	1,610	June 14, 1939	254	-	-
268	City of Houston	793	Aug. 6, 1939	390	4	b/ 1
269	do.	1,049	June 1, 1939	415	17	.14
290	J. C. Townes	296	Oct. 13, 1941	298	-	-
291	A. T. McDannald	1,308	do.	251	-	-
292	P. C. Cezeaux	440	do.	222	-	-
294	Fred Rudy	150	Mar. 14, 1939	1,053	-	-
295	City of Humble	1,140	Oct. 13, 1941	418	-	-
296	do.	377	do.	249	-	-
297	do.	740	do.	291	-	-
300	Humble Oil & Refining Co.	648	Mar. 14, 1939	304	-	-

a/ Nitrate less than 20 parts per million.

b/ Iron and aluminum oxides.

Results are in parts per million. Well numbers correspond to numbers in table of well records,

Well	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
12	12	3.2	31	50	3.3	46	1.7	-	43
35	-	-	-	35	2	138	84	-	177
38	-	-	-	16	1	8.0	28	-	36
39	-	-	-	38	2	22	2.1	-	33
48	28	7.3	17	110	4	30	a/	0.0	100
49	632	15	289	226	153.6	342	a/	.0	1,639
51	-	-	-	28	1	14	6.7	-	26
52	-	-	-	44	2	30	44	-	51
53	5.1	3.1	16	20	2.2	15	25	-	25
55	-	-	-	12	1	31	47	-	51
62	12	6.1	148	360	3	54	a/	0.8	54
65	51	4.9	14	153	8	30	a/	0.6	148
74	-	-	-	12	2	84	327	-	172
75	17	9.1	34	26	2.7	72	36	-	80
76	-	-	-	134	3	24	0.2	-	114
77	-	-	-	70	3	52	2	-	60
78	-	-	-	124	4	207	22	-	255
93	16	5.9	119	325	11	32	0.05	-	64
105	-	-	-	285	13	149	13	-	318
131	36	5.7	41	167	3.7	44	0.4	-	113
134	-	-	26	206	4	28	-	.4	156
136	61	5.4	32	237	4.0	33	0	-	175
140	-	-	35	170	4	44	-	0	130
169	25	3.4	41	124	4.4	42	-	-	76 c/
173	50	5.5	39	205	4.8	42	0.5	-	148
186	-	-	32	188	5	32	-	0	134
192	42	7.3	59	256	2	37	a/	-	135
202	87	15	55	446	8	17	0.55	-	279
212	278	59	124.6	415	10	540	100	-	937
219	-	-	-	21	2	42	16	-	33
220	-	-	-	407	4	18	0.30	-	288
223	81	36	71	458	16	80	0.42	-	350
225	65	5.7	41	189	12	75	-	-	186
247	-	-	-	443	30	165	0.2	-	372
264	-	-	49	188	10	52	-	-	132
268	15	2	99	235	10	41	-	-	46
269	12	3.5	147	286	15	78	-	1.1	44
290	36	15	65	281	5	39	a/	-	149
291	37	13	45	232	12	30	a/	0.1	148
292	34	8.5	44	220	8	19	a/	-	120
294	137	54	185	404	32	420	-	-	555
295	3.2	4.9	165	323	2	83	a/	1.2	28
296	46	9.7	39	207	8	44	a/	0.2	156
297	34	9.7	70	238	7	53	a/	0.4	126
300	18	6.1	102	270	3	47	-	-	70

o/ Analyzed by C. S. Wilson.

d/ Analyzed by Houston Laboratories.

e/ Analyzed by Penn. Power & Light Co.

f/ Analyzed by City of Houston Water Department.

HOUSTON DISTRICT

Analyses of water from wells in Harris County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Silica (SiO ₂)	Iron (Fe)
302	Rebel Oil Co.	1,000±	Mar. 14, 1939	-	-	-
311	R. Sralla	298±	June 27, 1939	253	-	-
312	do.	98	do.	453	-	-
314	Mrs. J. W. Pate	218	Mar. 3, 1939	257	-	-
315	H. P. Guinn	227	Mar. 7, 1939	243	-	-
318	Crosby Water Works	226	Oct. 13, 1941	256	-	-
331	Unknown	-	Feb. 28, 1939	253	-	-
336	Sinclair Refining Co.	580	Oct. 13, 1941	157	-	-
348	P. V. Cook	269	Aug. 12, 1940	260	-	-
364	John Cope	789	May 27, 1940	262	-	-
370	J. M. Johnson	609	Aug. 2, 1932	327	31	0.1
373	do.	608	Aug. 12, 1940	287	-	-
385	A. J. Jordens	359	do.	261	-	-
396	H. Speckmaier	94	Aug. 7, 1933	300	-	0.92
399	J. I. Brubaker	280	Aug. 1, 1932	285	-	0.03
407	A. G. George	165	Feb. 13, 1939	350	-	-
409	Joe Schiller	184	Feb. 10, 1939	494	-	-
410	E. A. Winkelman	112±	do.	426	-	-
413	Walter Krenek	74	Feb. 9, 1939	545	-	-
415	--- Owens	80±	do.	1,235	-	-
416	Houston Pet Cemetery	65	Feb. 15, 1939	722	-	-
419	Mrs. Nellie E. Rogers	100	do.	847	-	-
431	G. E. Wilkins	2,000±	Jan. 28, 1942	414	-	-
446	C. W. Hahl Co.	60	Aug. 19, 1932	959	-	0.05
454	H. & T. C. R. R.	124	Sept. 27, 1929	512	29	-
473	H. W. Rasmussen	416	Feb. 10, 1939	293	-	-
480	John Pillot	512	Aug. 12, 1940	337	-	-
484	Tim Miles	152	Feb. 10, 1939	375	-	-
485	C. R. Hastings	72	Feb. 15, 1939	891	-	-
489	City of Houston	470	May 13, 1939	425	18	b/ 1
490	do.	1,188	do.	395	14	b/ 5
492	G. H. & S. A. R. R.	220	May 5, 1931	484	6.5	b/ 1.6
497	Westwood Country Club	590	Feb. 9, 1939	278	-	-
499	Brae Burn Country Club	701	do.	285	-	-
500	Mike Albanese	228	Mar. 22, 1939	-	-	-
533	R. W. Gillette	403	Feb. 10, 1939	332	-	-
535	R. H. Goodrich	1,996	Oct. 14, 1941	569	-	-
588	Oriental Textile Mills	800	Jan. 28, 1942	273	-	-
589	City of Houston	1,858	May 3, 1939	565	6	b/ 2
602	River Oaks Country Club	887	Jan. 28, 1942	269	-	-
607	Henke & Pillot	571	Aug. 5, 1939	303	-	-
610	Standard Rice Co., Inc.	853	Jan. 31, 1942	252	-	-
616	City of Houston	1,456	Jan. 18, 1938	495	4	b/ 0
617	do.	1,540	do.	567	3	b/ 2
618	do.	1,320	do.	463	3	b/ 1
620	Public Laundries	1,379	Jan. 31, 1942	300	-	-
622	Horlock Ice Co.	360	do.	343	-	-
624	City of Houston	953	Apr. 16, 1940	438	20	b/ 2
625	do.	2,041	Mar. 29, 1938	815	10	b/ 0
634	Houston Ice & Cold Storage Co.	354	Jan. 31, 1942	318	-	-
635	Houston Lighting & Power Co.	887	Jan. 30, 1942	246	-	-

Well	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
302	-	-	306	72	1	500	-	-	99
311	-	-	94	240	2	31	-	.5	39
312	-	-	92	382	2	82	-	.3	232
314	-	-	82	244	8	26	-	-	66
315	-	-	71	231	5	27	-	-	78
318	6.8	3.6	96	244	2	28	a/	0.2	32
331	-	-	76	222	3	47	-	-	74
336	37	4.9	18	153	7	14	1.0	0.1	113
348	-	-	37	234	3	38	-	0	168
364	-	-	35	216	8	44	.40	-	171
370	68	7.3	41.8	254	11	47	0.1	-	200
373	-	-	43	250	8	42	-	.2	180
385	-	-	36	228	3	42	-	0	171
396	75	9.6	30	271	13	39	0.3	-	227
399	69	7.0	35	260	4	42	0.2	-	201
407	-	-	60	299	6	58	.0	-	202
409	-	-	64	265	10	162	.0	.1	318
410	-	-	63	327	10	87	.0	-	264
413	-	-	73	292	7	180	3.0	-	345
415	-	-	203	313	200	425	10.0	-	630
416	-	-	132	333	10	269	.20	-	375
419	-	-	164	417	24	288	3.4	0	420
431	-	-	165	380	3	59	-	-	40
446	104	50	203	532	25	315	0	-	465
454	118	17	46	427	29	55	8	-	365 c/
473	-	-	39	241	12	47	.24	.0	191
480	-	-	49	270	10	61	-	.2	213
484	-	-	50	307	7	68	.16	.2	248
485	-	-	149	321	4	385	.40	.5	488
489	63	8	36	243	6	45	-	-	190
490	31	7	66	216	17	41	-	-	106
492	77	21	81	341	16	113	-	-	279 c/
497	-	-	22	258	6	34	.3	.1	218
499	-	-	51	242	8	44	.4	.2	159
500	-	-	-	-	4	39	-	-	-
533	-	-	42	254	8	68	.28	.1	222
535	3.6	4.6	229	451	2	106	a/	1.7	28
588	27	9.4	70	248	17	27	-	-	70
589	27	5	127	329	1	67	-	-	88 f/
602	44	12	46	242	18	30	-	-	160
607	-	-	45	234	13	56	-	.1	186
610	37	10	50	232	15	26	-	-	133
616	17	2	121	303	0	49	-	-	50 f/
617	16	1	146	340	0	61	-	-	44 f/
618	19	3	108	285	2	42	-	-	60 f/
620	-	-	106	286	3	36	-	-	58
622	46	14	52	276	13	33	-	-	172
624	37	5	74	249	2	48	-	-	113 f/
625	7	1	232	459	0	107	-	-	22 f/
634	58	14	48	265	13	54	-	-	202
635	38	10	47	228	13	26	-	-	136

HOUSTON DISTRICT

Analyses of water from wells in Harris County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Silica (SiO ₂)	Iron (Fe)
641	Rice Hotel Laundry	1,502	Jan. 31, 1942	370	-	-
646	Model Laundry	1,875	do.	345	-	-
654	H. A. Burden	58	July 21, 1933	404	-	0.08
656	Texas Creosoting Co.	666	Jan. 28, 1942	245	-	-
662	South Texas Cotton Oil Co.	834	do.	250	-	-
667	Sunshine Laundry	602	Jan. 30, 1942	301	-	-
669	Willborg's Laundry	958	do.	262	-	-
677	Houston Lighting & Power Co.	873	Feb. 2, 1939	247	-	-
681	Southern Pacific Co.	861	Jan. 31, 1942	251	-	-
683	Houston Ice & Cold Storage Co.	825	May 23, 1940	232	-	-
684	do.	720	Feb. 18, 1941	243	-	-
688	City of Houston	1,535	Jan. 25, 1938	579	32	b/ 2
689	do.	980	Nov. 15, 1935	373	10	b/ 3
693	First National Bank Bldg.	363	Jan. 30, 1942	290	-	-
700	Rice Hotel	1,395	Feb. 6, 1939	377	-	-
701	do.	896	Jan. 30, 1942	252	-	-
710	Niels Esperson Bldg.	895	Aug. 5, 1939	259	-	-
715	Ambassador Apts.	888	Feb. 17, 1941	-	-	-
728	Burkhart Laundry	1,402	Jan. 30, 1942	341	-	-
731	Missouri Pacific Lines	1,390	do.	356	-	-
732	Gould Wet Wash Laundry	1,391	do.	371	-	-
736	Houston Packing Co.	1,618	do.	471	-	-
744	City of Houston	1,876	Aug. 22, 1938	668	8	b/ 2
747	Southern Pacific Co.	948	Jan. 30, 1942	260	-	-
767	City of Houston	957	Mar. 13, 1939	402	6	b/ 0
775	do.	1,796	Mar. 17, 1938	505	9	b/ 0
779	American Service Co.	584	Feb. 28, 1939	293	-	-
788	Shepherd Laundries	1,416	Jan. 31, 1942	328	-	-
791	Warwick Hotel	576	Jan. 29, 1942	277	-	-
793	City of Houston	1,618	Mar. 29, 1938	458	9	b/ 0
794	do.	777	May 24, 1938	435	8	b/ 0
795	do.	830	Mar. 17, 1938	433	10	b/ 2
797	Rice Institute	910	Jan. 20, 1939	257	-	-
808	Gem Electric Co.	233	July 21, 1933	310	-	0.14
811	Harris County	385	do.	298	-	0.09
821	Houston Gulf Gas Co.	211	Aug. 27, 1932	334	-	0.08
837	C. W. Mowery	260	Aug. 10, 1933	-	-	0.45
840	City of Bellaire	827	Feb. 16, 1939	249	-	-
848	Houston Electric Co.	583	Jan. 30, 1942	258	-	-
855	City of Houston	1,521	Sept. 26, 1938	562	12	b/ 0
856	do.	866	Nov. 26, 1935	380	4	b/ 5
857	do.	1,350	Sept. 26, 1938	428	12	b/ 1
858	do.	1,756	do.	616	13	b/ 3
870	Hygeia Ice Co.	728	Jan. 30, 1942	288	-	-
878	Houston Compress Co.	905	Nov. 9, 1929	267	15	b/ 4.2
879	City of Houston	1,033	Nov. 23, 1936	410	3	b/ 2
883	Carnegie-Illinois Steel Corp.	841	Jan. 30, 1942	259	-	-
892	Lone Star Cement Co.	1,283	Jan. 29, 1942	277	-	-
895	City of Houston	1,637	Mar. 29, 1938	583	10	b/ 0

Well	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calco.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calco.)
641	--	--	138	329	2	58	--	--	54
646	--	--	133	324	3	44	--	--	42
654	78	21	55	402	8.1	44	0	--	281
656	39	10	45	220	15	28	--	--	138
662	44	9.8	42	228	10	32	--	--	150
667	--	--	49	219	15	27	.0	--	126
669	23	7.4	74	246	7	29	--	--	88
677	--	--	49	219	15	27	.0	--	126
681	32	9.5	55	226	17	26	--	--	119
683	--	--	50	200	15	28	.0	--	111
684	--	--	54	206	13	33	--	--	112
688	14	1	142	339	0	50	--	--	39 F/
689	26	7	66	234	0	30	--	--	94 F/
693	48	13	49	258	17	36	--	--	173
700	--	--	144	335	2	59	.10	--	46
701	36	9.9	51	216	13	36	--	--	131
710	--	--	53	232	15	28	--	--	129
715	--	--	--	222	13	30	--	--	120
728	--	--	13	320	2	45	--	--	40
731	--	--	137	334	2	47	--	--	44
732	--	--	144	346	2	50	--	--	44
736	--	--	192	420	2	74	--	--	34
744	4	2	194	380	3	90	--	--	18
747	25	6.7	71	228	17	28	--	--	90
767	34	8	64	257	3	31	--	--	118 F/
775	10	3	130	299	6	48	--	--	38 F/
779	--	--	45	264	7	41	--	--	183
788	16	5.5	113	292	2	48	--	--	62
791	50	12	43	256	18	28	--	--	174
793	14	2	113	277	5	38	--	--	43 F/
794	47	7	61	264	14	34	--	--	146 F/
795	33	3	81	250	24	30	--	--	95 F/
797	--	--	67	236	16	24	.0	--	99
808	62	14	41	270	12	48	0	--	212
811	71	12	29	254	9.2	51	0.4	--	227
821	53	14	60	276	17	54	0.20	--	190
837	--	--	--	281	14	27	0.6	.3	162
840	--	--	50	232	6	29	.10	--	129
848	51	11	36	220	10	42	--	--	172
855	8	3	147	340	0	53	--	--	33 F/
856	39	5	56	242	4	27	--	--	114 F/
857	29	11	70	257	19	29	--	--	117 F/
858	9	3	162	360	4	62	--	--	35 F/
870	29	13	69	266	20	26	--	--	130
878	23	6.4	69	220	14	28	--	--	83 d/
879	32	5	74	246	20	27	--	--	101 F/
883	26	6.5	70	232	18	24	--	--	92
892	--	--	101	250	10	34	--	--	44
895	3	1	160	365	0	43	--	--	12 F/

HOUSTON DISTRICT
Analyses of water from wells in Harris County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Silica (SiO ₂)	Iron (Fe)
906	Garden Villas Subdivision	908	Jan. 29, 1942	302	-	-
907	do.	897	Aug. 8, 1939	299	-	-
909	J. W. Madden	900±	Jan. 27, 1942	310	-	-
938	Harris County Fresh Water Supply Dist. No. 6	640	Oct. 13, 1941	285	-	-
945	Harris County Water Control & Improvement Dist. No. 1	606	do.	292	-	-
995	City of Goose Creek	970	Oct. 14, 1941	577	-	-
996	do.	485	Nov. 10, 1941	568	-	-
1019	Captain Charles Crotty	450	Feb. 17, 1939	449	-	-
1051	Humble Oil & Refining Co.	562	Aug. 9, 1939	378	-	-
1053	do.	974	Feb. 20, 1941	456	-	-
1054	do.	572	do.	370	-	-
1057	do.	515	do.	420	-	-
1058	do.	542	May 24, 1940	519	-	-
1067	do.	545	Feb. 1, 1939	379	-	-
1068	do.	998	Feb. 20, 1941	600	-	-
1072	do.	516	do.	433	-	-
1087	Mrs. John Martin	478	July 11, 1940	381	-	-
1093	Mrs. M. K. Kennedy	600	do.	466	-	-
1097	Allen Saint	510	June 7, 1940	446	-	-
1098	San Jacinto Monument	499	Jan. 29, 1942	324	-	-
1103	Southern Pacific Co.	770	Jan. 29, 1942	691	-	-
1104	City of La Porte	570	May 24, 1940	410	-	-
1107	do.	585	Jan. 29, 1942	465	-	-
1108	T. Schmitt	520	June 5, 1940	570	-	-
1109	-- Schwander	500+	do.	498	-	-
1110	Mrs. C. K. Lockart	485	do.	524	-	-
1114	E. D. Mills	655	June 7, 1940	602	-	-
1115	John Chapman	660±	do.	674	-	-
1117	Stanolind Oil & Gas Co.	526	June 5, 1940	399	-	-
1121	W. R. McClendon	580	July 11, 1940	384	-	-
1124	Shell Oil Co., Inc.	1,329	1941	413	-	-
1129	Champion Paper & Fibre Co.	515	Feb. 19, 1941	299	-	-
1130	do.	1,481	Jan. 29, 1942	375	-	-
1131	do.	960	Feb. 19, 1941	281	-	-
1132	do.	1,840	Jan. 29, 1942	433	-	-
1133	do.	1,399	Feb. 19, 1941	368	-	-
1134	City of Pasadena	350	Aug. 13, 1941	-	-	-
1135	Champion Paper & Fibre Co.	974	Feb. 19, 1941	274	-	-
1136	do.	1.275	do.	314	-	-
1137	do.	1,927	Jan. 29, 1942	516	-	-
1139	Sinclair Refining Co.	1,192	do.	292	-	-
1140	do.	1,701	do.	387	-	-
1151	Southern Pacific Co.	773	Jan. 30, 1942	271	-	-
1155	Gulf Oil Corp.	752	Jan. 29, 1942	116	-	-
1162	Sinclair Refining Co.	1,223	May 24, 1940	287	-	-
1168	Houston Lighting & Power Co.	826	Feb. 19, 1941	266	-	-
1169	do.	823	Mar. 1, 1922	302	14	b/ 4.8

Well	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calo.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calo.)
906	16	4.4	101	252	20	36	-	-	58
907	-	-	111	253	20	38	-	-	40
909	28	11	85	306	3	32	-	-	115
938	16	7.3	91	256	13	31	e/	0.4	70
945	9.6	6.1	104	262	7	35	e/	1.0	49
995	1.2	5.6	234	488	2	94	e/	-	26
996	12	6.1	218	476	2	94	e/	1.6	54
1019	-	-	186	372	2	83	.75	1.2	24
1051	-	-	150	363	1	46	-	-	38
1053	-	-	185	388	3	80	-	-	32
1054	-	-	148	338	2	53	-	-	33
1057	-	-	166	392	5	54	-	-	42
1058	-	-	207	388	4	119	-	-	40
1067	-	-	152	357	3	48	.40	-	33
1068	-	-	250	511	1	108	-	-	28
1072	-	-	173	368	3	75	-	.9	36
1087	-	-	155	342	1	57	.25	1.1	28
1093	-	-	199	395	1	89	.50	1.2	22
1097	-	-	184	376	1	80	.25	1.2	26
1098	18	5.4	108	284	15	38	-	-	67
1103	-	-	288	580	2	128	-	-	32
1104	-	-	167	360	4	65	-	-	28
1107	9.2	3.5	181	398	2	73	-	-	38
1108	-	-	225	372	1	160	-	1.0	44
1109	-	-	201	368	1	117	-	1.0	33
1110	-	-	208	386	1	113	.25	1.2	27
1114	-	-	239	381	1	175	.50	.8	45
1115	-	-	270	428	1	196	.0	.9	45
1117	-	-	155	351	1	64	-	1.0	45
1121	-	-	142	350	1	55	-	.9	60
1124	-	-	163	356	8	66	-	-	40
1129	-	-	88	278	13	31	-	-	93
1130	10	1.2	146	346	7	40	-	-	30
1131	-	-	106	251	12	34	-	-	36
1132	-	-	185	406	2	64	-	-	22
1133	-	-	155	326	7	54	-	-	14
1134	19	8.0	86	244	13	36	0.5	0.3	80
1135	-	-	91	249	12	31	-	-	62
1136	-	-	134	295	7	36	-	-	10
1137	-	-	214	460	2	81	-	-	28
1139	-	-	133	296	12	43	-	-	26
1140	-	-	162	390	2	37	-	-	22
1151	25	8.0	74	242	17	28	-	-	96
1155	32	8.7	75	269	21	25	-	-	75
1162	-	-	99	262	10	34	-	-	58
1168	-	-	77	236	16	29	-	-	84
1169	9.3	5.1	103	227	12	41	0.5	-	44 e/

HOUSTON DISTRICT
Analyses of water from wells in Harris County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Silica (SiO ₂)	Iron (Fe)
1172	The Texas Co.	1,376	Jan. 29, 1942	303	-	-
1187	City of Pasadena	834	May 21, 1940	289	-	-
1199	Shell Oil Co., Inc.	860	Aug. 5, 1939	309	-	-
1200	do.	488	Jan. 29, 1942	320	-	-
1201	do.	1,284	Feb. 19, 1941	-	-	-
1205	City of South Houston	668	Jan. 27, 1942	317	-	-
1229	City of Houston	1,680	June 13, 1939	1,353	12	b/ 2
1230	do.	1,419	June 18, 1939	960	7	b/ 2
1237	East End Water Works	1,157	Jan. 29, 1942	373	-	-
1246	Gulf Oil Corp.	376	Oct. 13, 1941	304	-	-
1270	City of West University Place	1,673	Jan. 31, 1942	307	-	-
1276	West Production Co.	920±	May 10, 1939	288	-	-
1281	Academy of Incarnate Word	115	Feb. 16, 1939	318	-	-
1288	E. P. Krenek	200±	Feb. 9, 1939	1,048	-	-
1302	City of Genoa	832	Jan. 27, 1942	453	-	-
1314	T. C. Dunn	87	Aug. 1, 1933	-	-	3.6
1329	J. W. Goar	473	Jan. 27, 1942	198	-	-
1342	M. E. Boehm	513	July 13, 1940	373	-	-
1345	Peden Est.	530	June 7, 1940	461	-	-
1346	W. W. Plowden	504	July 19, 1940	494	-	-
1347	Morris Siegel	550	June 7, 1940	513	-	-
1348	J. L. Burns	527	do.	553	-	-
1350	Irma Christy	521	do.	567	-	-
1356	A. A. Polk	130	July 20, 1933	958	-	0.61
1359	G. H. Whitcomb	563	Jan. 27, 1942	330	-	-
1366	Galveston-Houston Electric Co.	788	1924	1,175	10	b/ 5
1367	Humble Pipe Line Co.	660	Jan. 27, 1942	438	-	-
1369	City of South Houston	916	do.	372	-	-
1395	City of Houston	1,291	Aug. 17, 1938	392	8	b/ 1
1410	do.	1,232	May 8, 1939	527	9	b/ 2
1411	do.	1,252	June 20, 1939	495	11	b/ 0
1412	do.	1,458	May 8, 1939	583	10	b/ 4

a/ Nitrate less than 20 parts per million.

b/ Iron and aluminum oxides.

Well	Calcium (Ca)	Magnesium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Nitrate (NO ₃)	Fluoride (F)	Total hardness as CaCO ₃ (calc.)
1172	18	6.0	99	276	12	32	-	-	70
1187	-	-	91	248	18	36	-	-	74
1199	-	-	112	278	12	38	-	-	50
1200	19	4.8	106	282	15	36	-	-	67
1201	-	-	-	514	2	80	-	-	27
1205	-	-	124	296	2	42	-	-	34
1229	5	1	422	643	2	286	-	-	16
1230	4	1	303	463	1	208	-	-	14
1237	6.8	2.3	146	342	17	32	-	-	26
1246	41	2.4	81	287	7	32	a/	0	112
1270	10	3.3	114	280	8	34	-	-	38
1276	-	-	81	281	1	32	-	.4	102
1281	-	-	49	266	7	54	.0	-	195
1288	-	-	226	294	81	430	1.0	-	442
1302	12	4.0	172	384	2	74	-	-	46
1314	-	-	-	476	7	137	1.1	-	318
1329	23	11	40	148	7	44	-	-	103
1342	-	-	148	332	1	58	-	1.1	36
1345	-	-	184	355	1	101	-	1.0	39
1346	-	-	197	356	1	121	-	1.0	38
1347	-	-	206	366	3	126	.25	.8	34
1348	-	-	218	377	2	146	.10	1.1	45
1350	-	-	227	387	1	151	.0	1.0	40
1356	48	32	289	468	22	335	1.4	-	251
1359	17	4.5	115	304	2	42	-	-	61
1366	44	45	333	110	96	588	-	-	294
1367	12	3.8	165	330	2	93	-	-	46
1369	-	-	150	338	10	48	-	-	28
1395	27	9	68	248	2	35	-	-	105 f/
1410	26	3	117	318	0	50	-	-	78 f/
1411	23	2	113	301	0	47	-	-	66 f/
1412	24	1	138	353	0	53	-	-	64 f/

o/ Analyzed by C. S. Wilson
d/ Analyzed by Houston Laboratories.

e/ Analyzed by Penn. Power & Light Co.
f/ Analyzed by City of Houston Water Department.

HOUSTON DISTRICT

Analyses of water from wells in Fort Bend County, Texas

Analyses were made by Margaret D. Foster and E. W. Lohr, Chemists, U.S. Department of the Interior, Geological Survey.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Silica (SiO ₂)	Iron (Fe)
9	L. D. Brown	174	Aug. 8, 1933	317	-	0.04
11	P. V. Cook	170±	Sept. 12, 1940	343	-	-
18	Sam Poorman	723	Aug. 12, 1940	349	-	-
29	C. Pillot	500	do.	288	-	-
31	C. C. Cardiff	496	do.	285	-	-
50	Fort Bend Utilities Co.	733	Jan. 27, 1942	305	-	-
54	do.	1,606	do.	342	-	-
75	Gulf Pipe Line Co.	800±	Aug. 15, 1933	-	-	-

Results are in parts per million. Well numbers correspond to numbers in table of well records.

Well	Cal- cium (Ca)	Magne- sium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicar- bonate (HCO ₃)	Sul- phate (SO ₄)	Chlo- ride (Cl)	Ni- trate (NO ₃)	Fluor- ide (F)	Total hardness as CaCO ₃ (calc.)
9	74	8.7	39	262	3.8	62	0.2	-	221
11	-	-	50	272	3	70	-	0	216
18	-	-	56	270	7	71	-	.2	207
29	-	-	51	232	8	52	-	.3	162
31	-	-	38	214	4	63	-	0	186
50	68	12	35	238	10	63	-	-	219
54	13	4.4	121	262	17	58	-	-	50
75	-	-	-	366	24	248	0.3	-	81

HOUSTON DISTRICT

Analyses of water from wells in Waller County, Texas

Unless otherwise noted analyses were made by E. W. Lohr, Chemist, U. S. Department of the Interior, Geological Survey.

Well	Owner	Depth of well (ft.)	Date of collection	Total dissolved solids (calc.)	Silica (SiO ₂)	Iron (Fe)
119	Prairie View State College	576	1930	309	10	-
120	do.	571	Mar. 24, 1928	415	33	-
223	T. B. Tucker	767	Aug. 12, 1940	241	-	-
230	Francis Young	273	Aug. 1, 1932	240	-	0.02
238	do.	280	Aug. 12, 1940	267	-	-
240	B. Ray Woods	290	do.	276	-	-
242	Robichaux and Thompson	555	do.	280	-	-
250	Roy Turner	846	do.	324	-	-

a/ Analyzed by National Supply Company.

Results are in parts per million. Well numbers correspond to numbers in table of well records.

Well	Cal- cium (Ca)	Magne- sium (Mg)	Sodium and Potassium (Na + K) (calc.)	Bicar- bonate (HCO ₃)	Sul- phate (SO ₄)	Chlo- ride (Cl)	Ni- trate (NO ₃)	Fluor- ide (F)	Total hardness as CaCO ₃ (calc.)
119	34	11	70	255	23	36	-	-	130 <u>a/</u>
120	36	5.5	111	336	30	34	-	-	113 <u>b/</u>
223	-	-	33	206	3	41	-	0	159
230	63	5.9	24	220	2	37	0.15	-	182
238	-	-	40	210	4	54	-	0	165
240	-	-	45	180	8	72	-	0	159
242	-	-	49	178	15	69	-	.2	153
250	-	-	91	234	7	74	-	.2	123

b/ Analyzed by International Filter Co.

HOUSTON DISTRICT

Partial analyses of water from observation wells in Harris County, Texas

Unless otherwise noted analyses were made by Margaret D. Foster, E. W. Lohr or W. W. Hastings, Chemists, U.S. Department of the Interior, Geological Survey. Results are in parts per million. Well numbers correspond to numbers in table of well records.

Well	Owner	Depth of well (ft.)	Date of collection	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Total hardness as CaCO ₃ (calc.)
588	Oriental Textile Mills	800	Mar. 20, 1931 <u>a/</u>	-	30	30	110
			Jan. 14, 1939	247	12	26	99
			Aug. 5, 1939	244	12	27	106
			May 21, 1940	248	10	27	102
			Feb. 18, 1941	227	17	28	88
			Jan. 28, 1942	248	17	27	70
602	River Oaks Country Club	887	Jan. 19, 1931 <u>a/</u>	-	20	35	150
			Jan. 20, 1939	244	14	37	150
			July 25, 1939	234	15	30	135
			May 21, 1940	244	20	36	153
			Feb. 18, 1941	224	17	28	117
			Jan. 28, 1942	242	18	30	160
610	Standard Rice Co., Inc.	853	Jan. 25, 1931 <u>a/</u>	-	10	30	140
			Jan. 14, 1939	236	18	25	120
			July 24, 1939	240	15	33	135
			May 21, 1940	204	16	28	100
			Feb. 18, 1941	231	17	34	132
			Jan. 31, 1942	232	15	26	133
620	Public Laundries	1,379	May 2, 1927	-	-	40	65
			Mar. 30, 1935	297	2	42	-
			Jan. 31, 1939	293	2	38	57
			Aug. 5, 1939	290	2	39	58
			May 21, 1940	290	5	37	65
			Feb. 17, 1941	294	2	35	63
622	Horlock Ice Co.	360	Jan. 31, 1939	277	20	34	168
			Aug. 5, 1939	266	17	34	176
			May 21, 1940	264	20	37	166
			Feb. 17, 1941	254	10	41	158
			Jan. 31, 1942	276	13	33	172
			635	Houston Lighting & Power Co.	887	July 24, 1939	235
May 23, 1940	226	20				26	124
Feb. 20, 1941	220	13				25	130
Jan. 30, 1942	228	13				26	136
656	Texas Creosoting Co.	666	Jan. 9, 1931 <u>a/</u>	-	30	35	150
			Feb. 6, 1939	222	10	26	129
			July 25, 1939	208	12	28	129
			May 24, 1940	221	16	28	128
			Feb. 20, 1941	214	8	27	123
			Jan. 28, 1942	220	15	28	138
662	South Texas Cotton Oil Co.	834	Jan. 14, 1931 <u>a/</u>	-	30	40	150
			Jan. 14, 1939	222	10	37	150
			July 25, 1939	222	16	36	141
			May 24, 1940	225	12	34	135
			Feb. 20, 1941	198	5	37	132
			Jan. 28, 1942	228	10	32	150

a/ Field test by Samuel F. Turner.

b/ Analysis by Curtis Laboratories.

c/ Analysis by Houston Laboratories.

d/ Analysis by C. S. Wilson.

e/ Analysis by Penn. Power & Light Co.

HOUSTON DISTRICT

Partial analyses of water from observation wells in Harris County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Bicar-bonate (HCO ₃)	Sul-phate (SO ₄)	Chlo-ride (Cl)	Total hardness as CaCO ₃ (calc.)
667	Sunshine Laundry	602	Jan. 31, 1939	244	12	69	189
			Aug. 5, 1939	227	10	67	195
			May 21, 1940	-	6	68	-
			Feb. 18, 1941	-	10	70	-
			Jan. 30, 1942	222	8	71	208
669	Willborg's Laundry	958	Apr. 26, 1932 a/	-	5	35	90
			Jan. 31, 1939	246	8	28	81
			Aug. 5, 1939	237	5	29	81
			May 21, 1940	245	5	30	80
			Feb. 20, 1941	250	4	29	88
677	Houston Lighting & Power Co.	873	Jan. 29, 1931 a/	-	25	30	120
			Feb. 2, 1939	219	15	27	126
			July 24, 1939	235	17	27	126
681	Southern Pacific Co.	861	Feb. 3, 1931 a/	-	15	30	120
			Feb. 2, 1939	229	10	28	102
			Aug. 9, 1939	216	13	27	104
			May 23, 1940	211	13	26	99
			Feb. 18, 1941	206	14	26	98
683	Houston Ice & Cold Storage Co.	825	Jan. 31, 1939	266	12	49?	189
			Aug. 5, 1939	212	17	29	120
			May 23, 1940	200	15	28	111
684	do.	720	Jan. 31, 1939	236	22	33	144
			Aug. 5, 1939	216	18	33	120
			May 23, 1940	214	15	34	138
			Feb. 18, 1941	206	13	33	112
693	First National Bank Bldg.	363	Feb. 4, 1931 a/	-	10	45	190
			Feb. 2, 1939	255	10	38	153
			Aug. 5, 1939	258	16	38	162
			May 23, 1940	214	16	36	134
			Feb. 18, 1941	-	15	37	-
700	Rice Hotel	1,395	Jan. 30, 1942	258	17	36	173
			Feb. 4, 1931 a/	-	10	40	150
710	Niels Esperson Bldg.	895	Feb. 6, 1939	335?	2	59	46
			Mar. 9, 1927 b/	260	21	31	118
715	Ambassador Apts.	888	Feb. 18, 1931 a/	-	10	30	130
			Feb. 2, 1939	222	20	24	117
			Aug. 5, 1939	232	15	28	129
728	Burkhart Laundry	1,402	Feb. 17, 1941	222	13	30	120
			Feb. --, 1931 a/	-	10	40	30
			Feb. 2, 1939	315	1	35	26
			Aug. 5, 1939	313	1	46	30
			May 23, 1940	312	1	45	28
			Feb. 20, 1941	318	1	45	32
			--	320	2	45	40

HOUSTON DISTRICT

Partial analyses of water from observation wells in Harris County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Bicar- bonate (HCO ₃)	Sul- phate (SO ₄)	Chlo- ride (Cl)	Total hardness as CaCO ₃ (calc.)	
731	Missouri Pacific Lines	1,390	Jan. 28, 1931	a/	-	-	50	30
			Feb. 6, 1939		323	1	51	36
			Aug. 9, 1939		334	1	52	40
			May 27, 1940		328	1	48	40
			Feb. 20, 1941		342	1	49	44
			Jan. 30, 1942		334	2	47	44
732	Gould Wet Wash Laundry	1,391	Mar. 9, 1927	b/	373	8.6	50	63
			Jan. 27, 1931	a/	-	-	55	30
			Feb. 2, 1939		329	1	51	30
			Aug. 5, 1939		328	1	52	33
			May 27, 1940		326	1	51	34
			Feb. 20, 1941		371	1	50	40
			Jan. 30, 1942		346	2	50	44
747	Southern Pacific Co.	948	Jan. 12, 1931		-	5	30	120
			Feb. 6, 1939		234	16	27	102
			Aug. 5, 1939		228	10	27	102
			May 24, 1940		224	17	28	81
			Feb. 20, 1941		234	15	26	105
			Jan. 30, 1942		228	17	28	90
788	Shepherd Laundries	1,416	July --, 1930		-	-	60	70
			Feb. 2, 1939		298	1	52	62
			Aug. 5, 1939		302	1	53	60
			May 21, 1940		294	1	50	60
			Feb. 17, 1941		310	1	49	70
			Jan. 31, 1942		292	2	48	62
791	Warwick Hotel	576	Jan. 31, 1939		258	8	29	145
			Aug. 5, 1939		260	12	31	165
			May 24, 1940		260	20	29	179
			Feb. 17, 1941		261	18	28	177
			Jan. 29, 1942		256	18	28	174
870	Hygeia Ice Co.	728	Jan. 16, 1931	a/	-	5	35	190
			Feb. 2, 1939		257	16	28	141
			Aug. 5, 1939		262	12	28	147
			May 24, 1940		229	7	28	114
			Feb. 19, 1941		-	18	27	-
			Jan. 30, 1942		266	20	26	130
883	Carnegie-Illinois Steel Corp.	841	Mar. 27, 1931	a/	-	20	30	90
			Jan. 19, 1939		235	8	26	75
			Aug. 5, 1939		230	17	25	82
			May 6, 1940		225	13	26	78
			Feb. 20, 1941		214	18	24	74
			Jan. 30, 1942		232	18	24	92
892	Lone Star Cement Co.	1,283	Feb. 4, 1929	c/	354	12	53	31
			Jan. 21, 1931	a/	-	30	45	35
			Feb. 6, 1939		251	12	35	32
			Aug. 5, 1939		252	10	36	34
			May 22, 1940		246	9	36	39
			Feb. 19, 1941		248	9	34	40
			Jan. 29, 1942		250	10	34	44

HOUSTON DISTRICT

Partial analyses of water from observation wells in Harris County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Bicar- bonate (HCO ₃)	Sul- phate (SO ₄)	Chlo- ride (Cl)	Total hardness as CaCO ₃ (calc.)	
906	Garden Villas Subdivision	908	June 7, 1929	c/	256	16	38	88
			Jan. 19, 1939		261	16	32	87
			Aug. 8, 1939		252	15	38	46?
			May 24, 1940		256	8	33	81
			Feb. 18, 1941		-	20	36	58
			Jan. 29, 1942		252	20	36	58
909	J. W. Madden	900±	Jan. 19, 1939		306	3	32	111
			May 24, 1940		316	5	34	134
			Feb. 19, 1941		332	4	32	144
			Jan. 27, 1942		306	3	32	115
1051	Humble Oil & Refining Co.	562	Oct. --, 1931	a/	260	-	50	-
			Feb. 1, 1939		326	5	46	27
			Aug. 9, 1939		362	1	46	38
1053	do.	974	Oct. --, 1931	a/	320	-	140	-
			Feb. 1, 1939		399	3	90	32
			Aug. 9, 1939		396	1	84	32
			May 24, 1940		384	6	84	33
			Feb. 20, 1941		388	3	80	32
1057	do.	515	Oct. --, 1931	a/	300	-	62	-
			Feb. 1, 1939		400	5	55	22
			Aug. 9, 1939		412	1	57	28
			Feb. 20, 1941		392	5	54	42
1058	do.	542	Oct. --, 1931	a/	300	-	99	-
			Feb. 1, 1939		383	2	117	28
			May 24, 1940		388	4	119	40
1103	Southern Pacific Co.	770	Apr. 2, 1931	a/	-	5	130	35
			Oct. 6, 1931	d/	570	-	133	25
			Jan. 18, 1939		507	6	112	22
			Aug. 5, 1939		520	2	120	26
			May 24, 1940		562	1	128	26
			Feb. 20, 1941		571	1	127	32
			Jan. 29, 1942		580	2	128	32
1104	City of La Porte	570	Apr. 2, 1931	a/	-	5	85	40
			Jan. 18, 1939		370	2	67	24
			Aug. 5, 1939		372	1	63	30
			May 24, 1940		360	4	65	28
1107	do.	585	Jan. 18, 1939		406	1	76	24
			Aug. 5, 1939		396	1	75	30
			Feb. 19, 1941		423	2	73	44
			Jan. 29, 1942		398	2	73	38
1140	Sinclair Refining Co.	1,701	Jan. 18, 1939		393	1	36	9
			Aug. 5, 1939		391	1	38	15
			May 24, 1940		394	1	38	15
			Feb. 19, 1941		392	2	36	21
1151	Southern Pacific Co.	773	Sept. 19, 1930	d/	228	16	31	77
			Mar. 27, 1931	a/	-	15	30	85
			Jan. 19, 1939		234	10	30	70
			Aug. 5, 1939		232	15	29	76
			May 24, 1940		236	15	29	78
			Feb. 19, 1941		233	17	29	86
				242	17	28	96	

HOUSTON DISTRICT

Partial analyses of water from observation wells in Harris County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Bicar-bonate (HCO ₃)	Sul-phate (SO ₄)	Chlo-ride (Cl)	Total hardness as CaCO ₃ (calc.)
1155	Gulf Oil Corp.	752	Mar. 27, 1931 <u>a/</u>	-	15	30	120
			Jan. 19, 1939	368	2	36	87
			Aug. 5, 1939	264	18	27	117
			May 24, 1940	268	12	27	104
			Feb. 19, 1941	264	20	25	110
			Jan. 29, 1942	269	21	25	75
1162	Sinclair Refining Co.	1,223	Apr. 1, 1931 <u>a/</u>	-	10	45	60
			Jan. 18, 1939	246	17	31	78
			Aug. 5, 1939	252	15	33	46
			May 24, 1940	262	10	34	58
1168	Houston Lighting & Power Co.	826	Mar. 1, 1922 <u>e/</u>	229	14	35	72
			Jan. 18, 1939	234	16	31	74
			Aug. 5, 1939	234	17	31	82
			May 21, 1940	236	15	30	82
			Feb. 19, 1941	236	16	29	84
1172	The Texas Co.	1,376	Jan. 19, 1939	284	17	31	100
			Aug. 5, 1939	271	12	32	64
			May 24, 1940	260	12	32	82
			Feb. 19, 1941	270	13	31	64
			Jan. 29, 1942	276	12	32	70
1187	City of Pasadena	834	1931 <u>a/</u>	-	15	35	50
			Jan. 18, 1939	524?	12	36	66
			Aug. 5, 1939	244	12	37	69
			May 21, 1940	248	18	36	74
1201	Shell Oil Co., Inc.	1,284	Feb. 17, 1939	601	1	100	16
			Aug. 5, 1939	568	2	93	22
			May 27, 1940	576	5	98	28
			Feb. 19, 1941	514	2	80	27
1205	City of South Houston	668	Aug. 8, 1939	356	8	45	27
			Feb. 19, 1941	309	2	43	39
			Jan. 27, 1942	296	2	42	34
1302	City of Genoa	832	Apr. 3, 1931 <u>a/</u>	-	5	85	50
			Mar. 30, 1935	388	3.1	75	43
			Apr. 3, 1939	388	1	76	30
			Aug. 8, 1939	412	1	77	42
			May 20, 1940	388	2	77	44
			Feb. 19, 1941	382	1	74	46
			Jan. 27, 1942	384	2	74	46
1359	G. H. Whitcomb	563	Sept. 30, 1932 <u>a/</u>	-	5	45	50
			Feb. 3, 1939	306	1	44	51
			Aug. 8, 1939	294	2	44	45
			May 24, 1940	304	1	44	54
			Feb. 18, 1941	308	1	43	56
			Jan. 27, 1942	304	2	42	61
1367	Humble Pipe Line Co.	660	Feb. 3, 1939	363	1	90	34
			Aug. 8, 1939	341	1	94	42
			May 24, 1940	326	5	92	42
			Feb. 18, 1941	332	1	93	44
			Jan. 27, 1942	330	2	93	46
1369	City of South Houston	916	Jan. 19, 1939	336	10	45	10
			Aug. 8, 1939	337	7	46	16
			Feb. 19, 1941	339	8	45	21
			Jan. 27, 1942	338	10	48	28

a/ Field test by Samuel F. Turner.

b/ Analysis by Curtis Laboratories.

o/ Analysis by Houston Laboratories.

d/ Analysis by C. S. Wilson.

e/ Analysis by Penn. Power & Light Co.

HOUSTON DISTRICT

Partial analyses of water from observation wells in Fort Bend County, Texas

Analyses were made by E. W. Lohr, Chemist, U. S. Department of the Interior, Geological Survey. Results are in parts per million. Well numbers correspond to numbers in table of well records.

Well	Owner	Depth of well (ft.)	Date of collection	Bicar- bonate (HCO ₃)	Sul- phate (SO ₄)	Chlo- ride (Cl)	Total hardness as CaCO ₃ (calc.)
50	Fort Bend Utilities Co.	733	Mar. 13, 1939	238	10	61	232
			May 24, 1940	192	10	62	178
			Feb. 19, 1941	240	8	61	201
54	do.	1,606	Mar. 13, 1939	258	12	59	46
			May 24, 1940	264	20	58	90
			Feb. 19, 1941	276	17	59	52

HOUSTON DISTRICT
Analyses of water from City of Houston test wells

Test Well No.	a/ Depth	Date of collection	Total dissolved solids (actual)	Silica (SiO ₂)	Iron (Fe)	Cal-cium (Ca)	Magne-sium (Mg)
1A	438 - 467	Apr. 7, 1939	520	12	1 <u>b/</u>	23	3
2	1,009 - 1,031	Apr. 14, 1939	379	10	.02	15	4.4
2	1,437 - 1,464	Apr. 15, 1939	424	12	.02	11	4.0
2	1,653 - 1,669	Apr. 19, 1939	808	49	5 <u>b/</u>	10	1
2	1,808 - 1,820	Apr. 20, 1939	1,099	287	61 <u>b/</u>	10	1
2	1,943 - 1,998	Apr. 22, 1939	838	56	7 <u>b/</u>	7	1
3	1,766 - 1,810	May 2, 1939	879	17	1 <u>b/</u>	12	2
4	1,203 - 1,230	May 5, 1939	381	4	3 <u>b/</u>	17	2
4A <u>d/</u>	449 - 464	May 13, 1939	425	18	1 <u>b/</u>	63	8
5 <u>d/</u>	1,167 - 1,182	do.	395	14	5 <u>b/</u>	31	7
6	1,684 - 1,704	May 22, 1939	550	38	.06	9.9	2.5
6	1,970 - 2,000	May 25, 1939	2,629	19	.01	102	15
7	583 - 617	May 29, 1939	265	24	.05	47	6.4
7 <u>d/</u>	1,037 - 1,052	June 1, 1939	415	17	.14	12	3.5
8	1,193 - 1,222	June 8, 1939	494	13	.13	7	3.0
8 <u>d/</u>	1,661 - 1,676	June 13, 1939	1,353	12	2 <u>b/</u>	5	1
8	1,666 - 1,706	June 10, 1939	997	14	.05	6.1	2.3
8	1,882 - 1,850	June 12, 1939	613	16	.05	5.2	1.9
9 <u>d/</u>	1,399 - 1,414	June 18, 1939	960	7	2 <u>b/</u>	4	1
9	1,506 - 1,526	June 18, 1939	1,649	14	.10	10	5.2
10A <u>d/</u>	757 - 772	Aug. 6, 1939	390	4	1 <u>b/</u>	15	2

a/ Depth from which samples were taken, in feet below surface.

b/ Iron and aluminum oxides.

Results are in parts per million
 All samples were taken by the drill stem method unless otherwise noted

Test Well No.	Sodium and Potassium (Na + K)	Car-bonate (CO ₃)	Bioar-bonate (HCO ₃)	Sul-phate (SO ₄)	Chlo-ride (Cl)	Fluor-ide (F)	Total hardness as CaCO ₃ (calc.)	Analyst
1A	120	0	267	36	54	-	70	A. J. Hartsook
2	131 <u>c/</u>	0	304	7.8	57	.8	56	E. W. Lohr
2	170 <u>o/</u>	0	384	4.1	65	1.0	44	do.
2	213	9	427	1	89	-	29	A. J. Hartsook
2	219	24	378	-	111	-	29	do.
2	233	18	374	1	133	-	22	do.
3	259	4	382	-	199	-	33	do.
4	93	3	180	24	54	-	51	do.
4A <u>d/</u>	36	0	243	6	45	-	190	do.
5 <u>d/</u>	66	0	216	17	41	-	106	do.
6	196	0	378	14	96	.6	35	E. W. Lohr
6	855	0	141	172	1,330	1.9	316	do.
7	39	0	186	6.3	48	.4	144	do.
7 <u>d/</u>	147	3.9	278	15	78	1.1	44	do.
8	178 <u>o/</u>	20	362	16	47	1.4	30	do.
8 <u>d/</u>	422	30	582	2	286	-	16	A. J. Hartsook
8	397 <u>o/</u>	7.9	594	.8	268	3.4	25	E. W. Lohr
8	243 <u>o/</u>	12	495	1.1	82	2.2	21	do.
9 <u>d/</u>	303	24	414	1	208	-	14	A. J. Hartsook
9	647 <u>o/</u>	4.9	643	.6	645	2.5	46	E. W. Lohr
10A <u>d/</u>	99	12	211	10	41	-	46	A. J. Hartsook

o/ Calculated.

d/ Sample taken after well was completed.

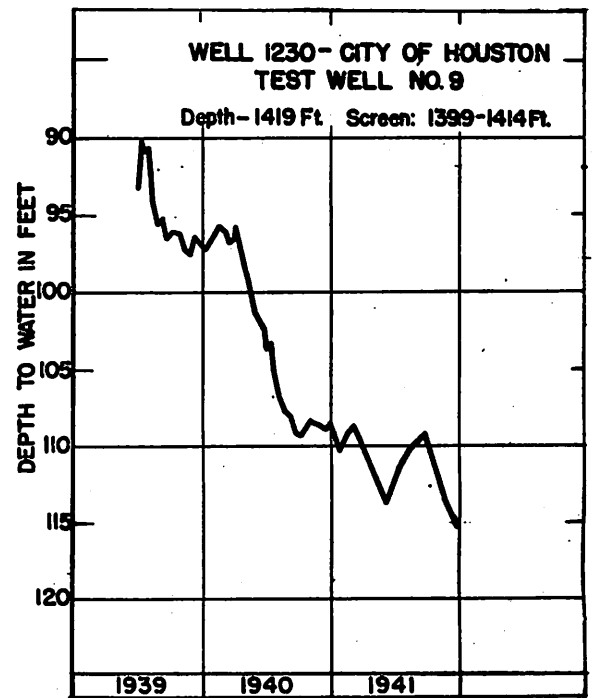
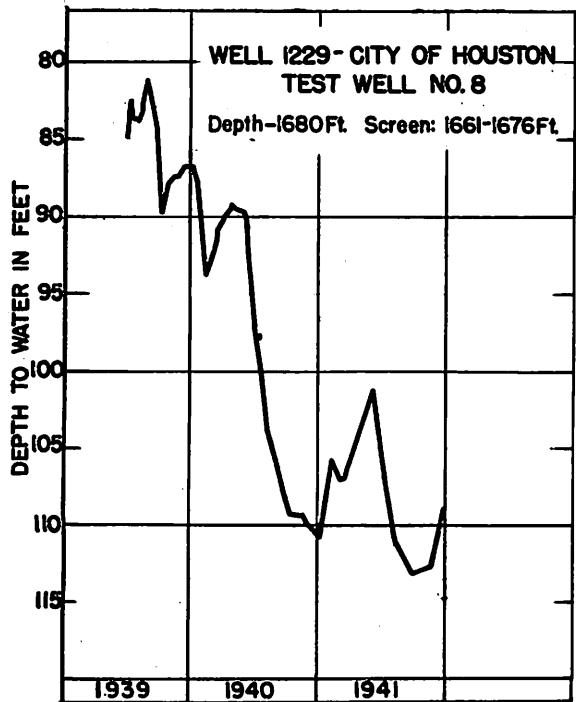
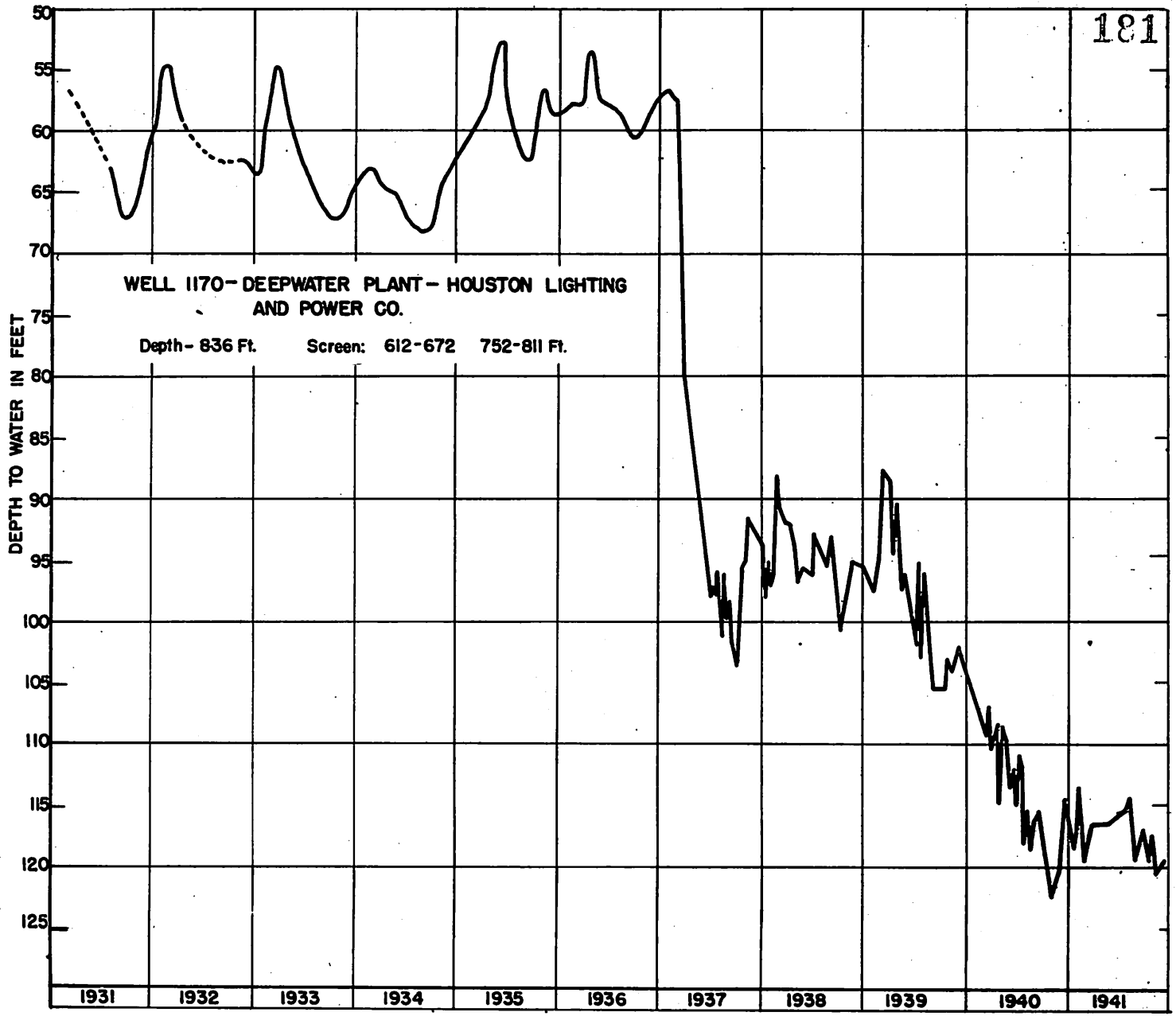


FIGURE 3 - FLUCTUATIONS OF WATER LEVELS IN WELLS IN PASADENA AREA

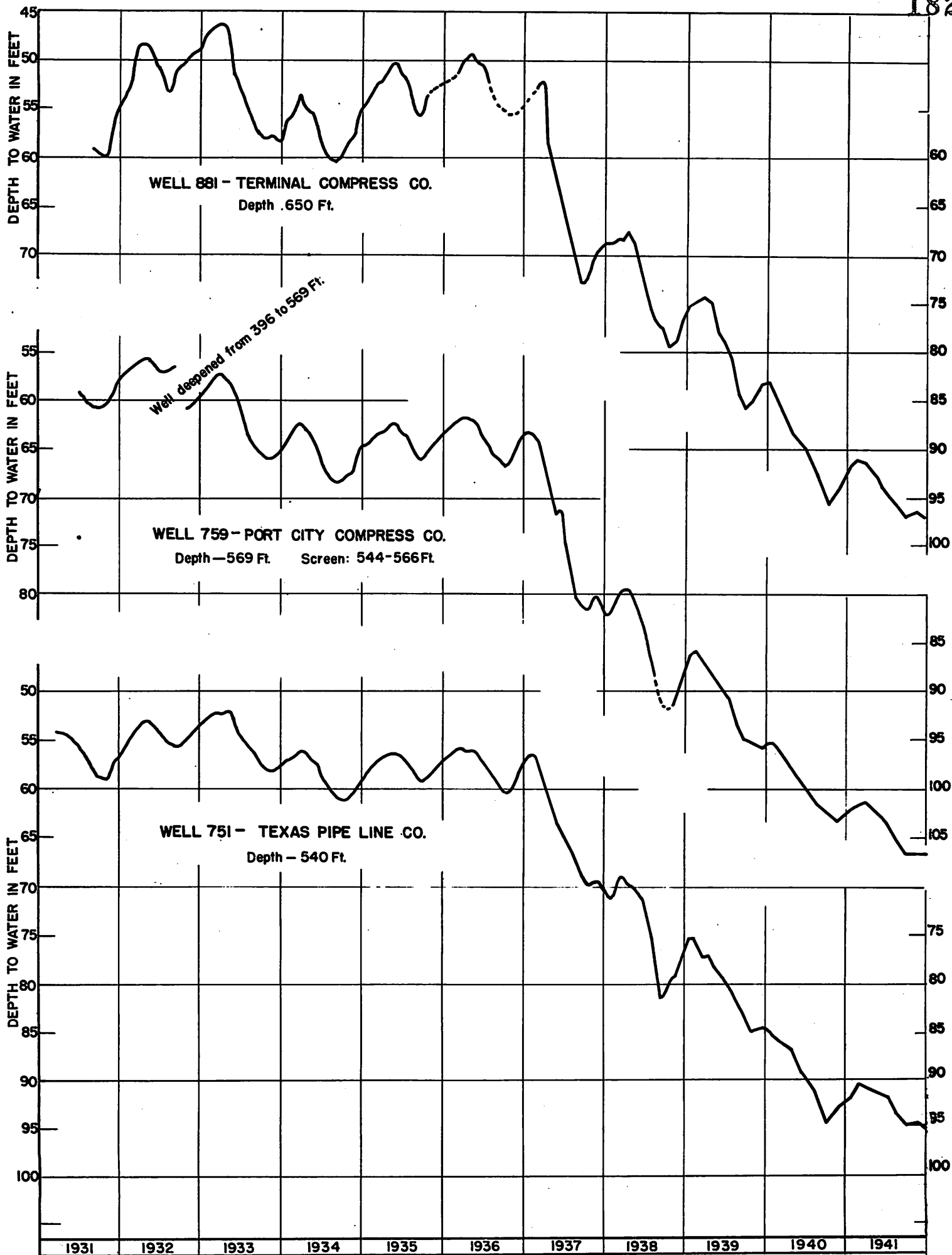


FIGURE 4.-FLUCTUATIONS OF WATER LEVELS IN WELLS IN EASTERN HOUSTON

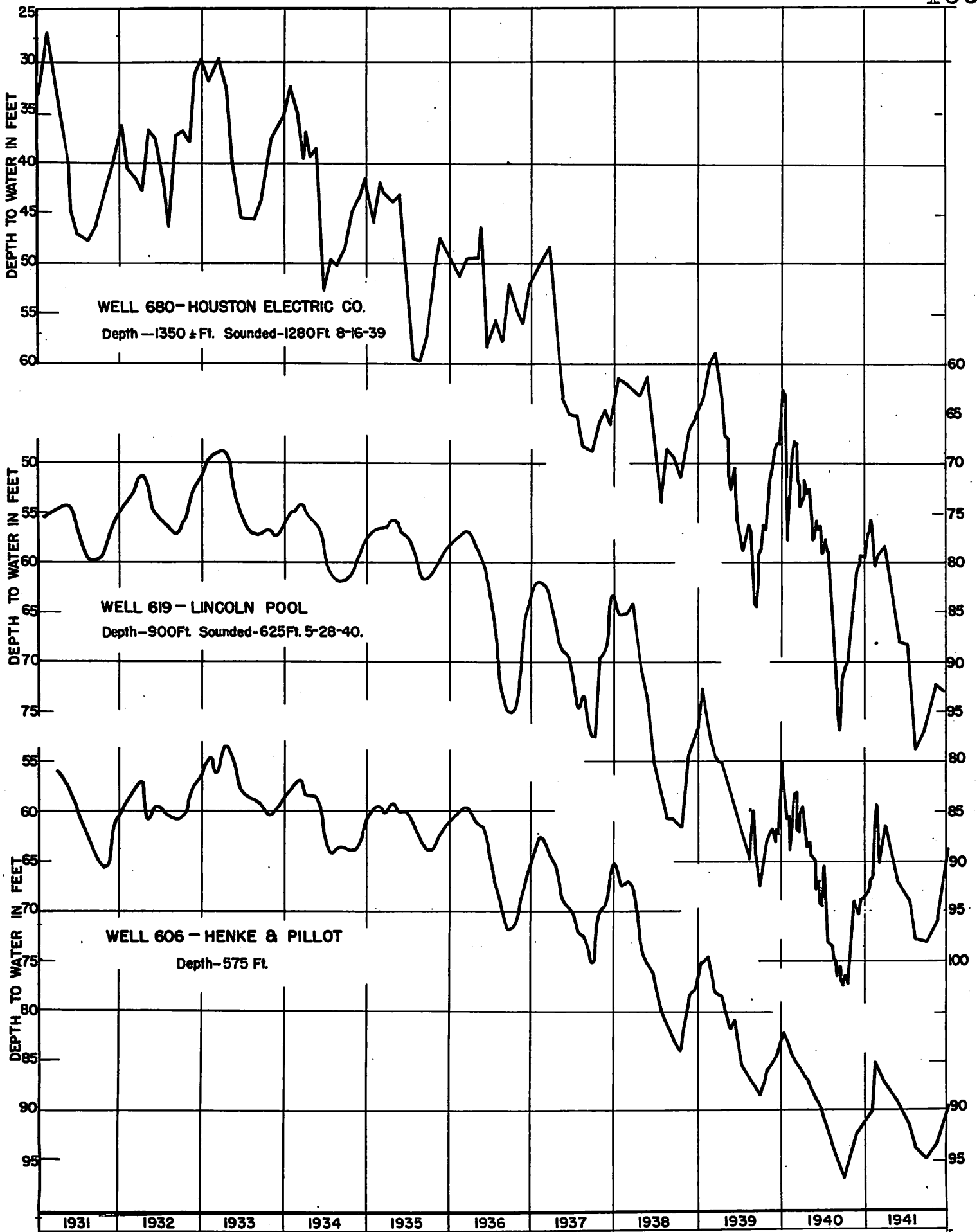


FIGURE 5.- FLUCTUATIONS OF WATER LEVELS IN WELLS IN CENTRAL HOUSTON

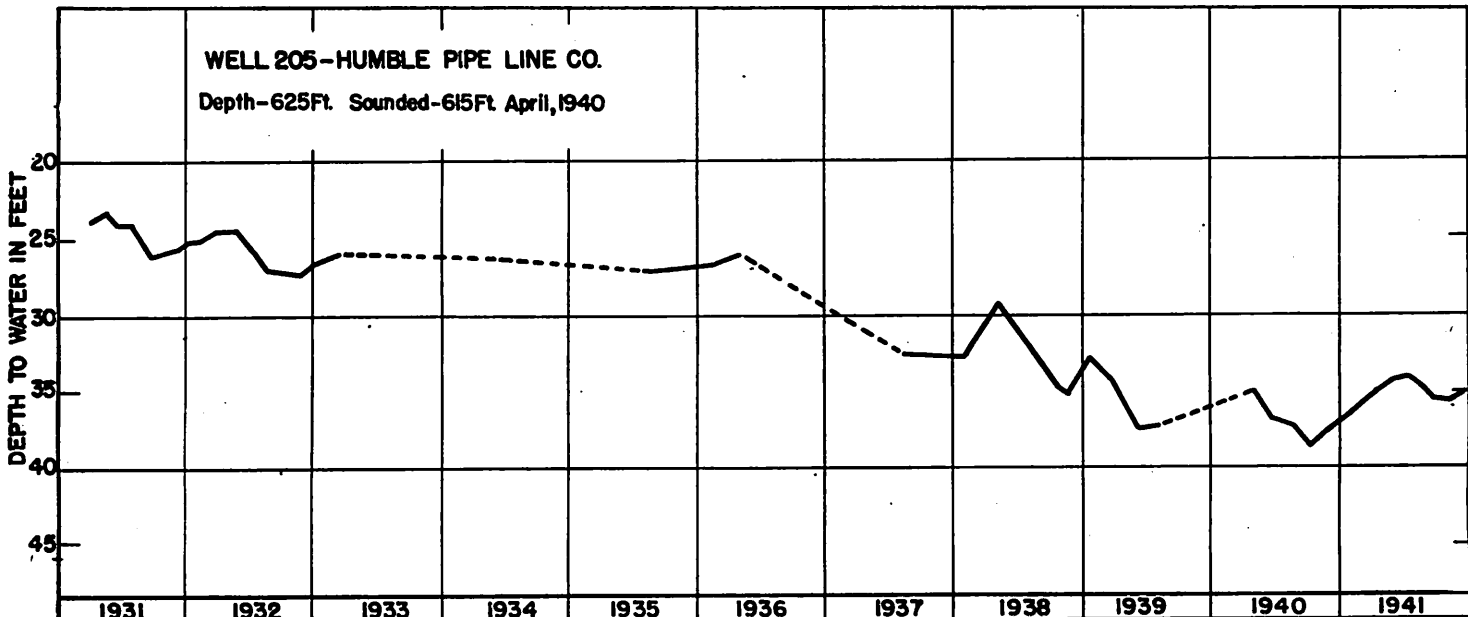
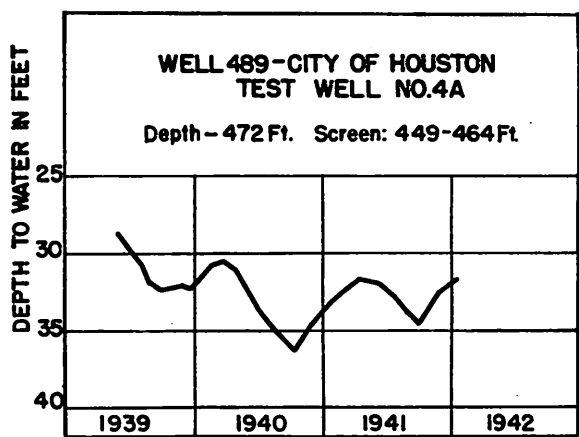
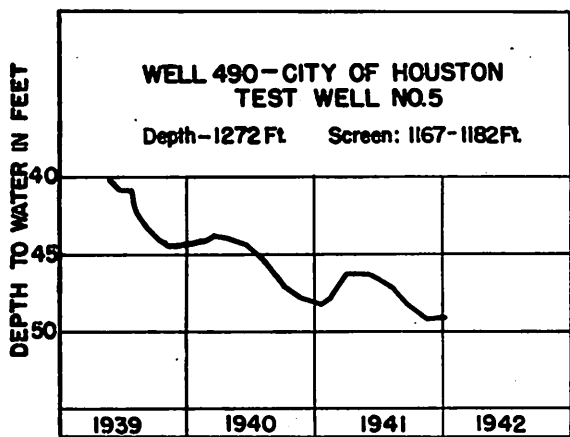
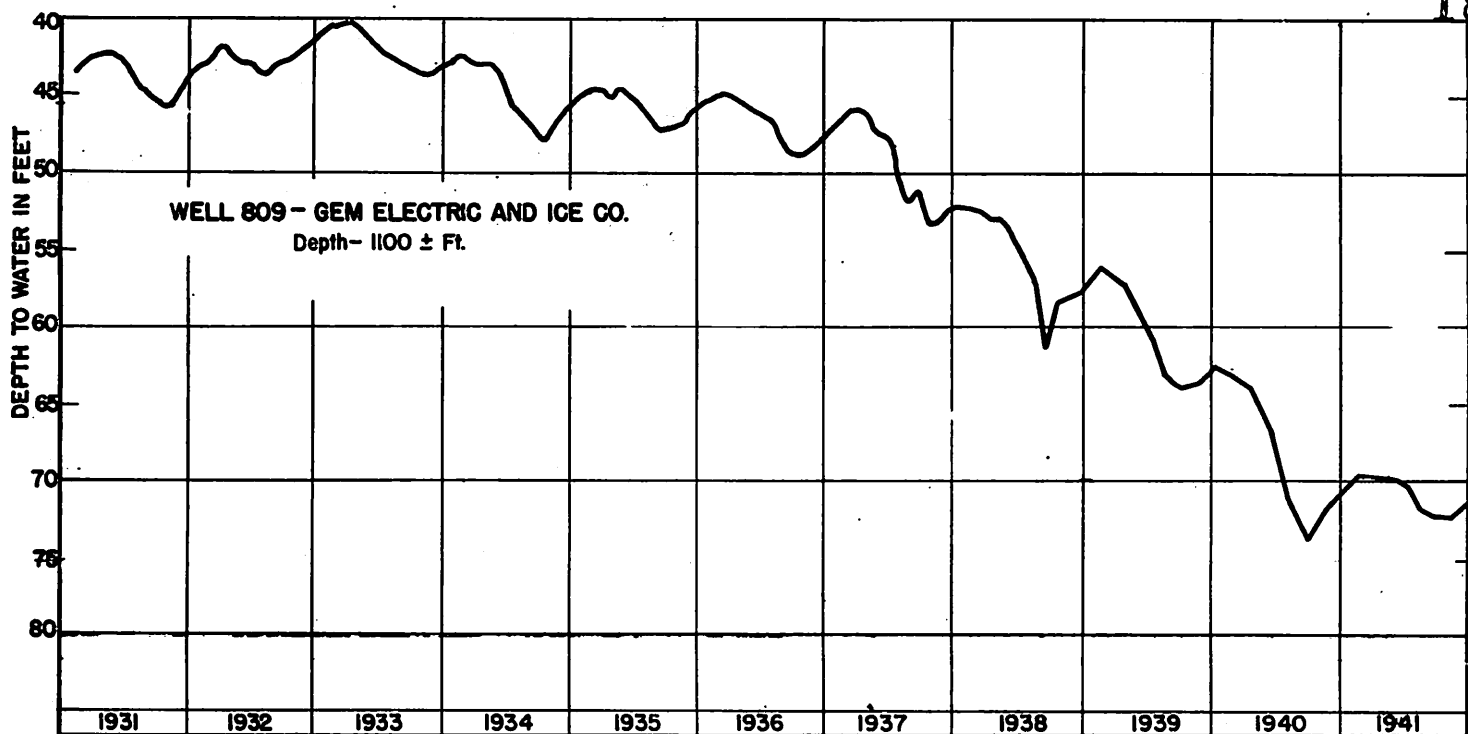


FIGURE 6.- FLUCTUATIONS OF WATER LEVELS IN WELLS WEST OF HOUSTON

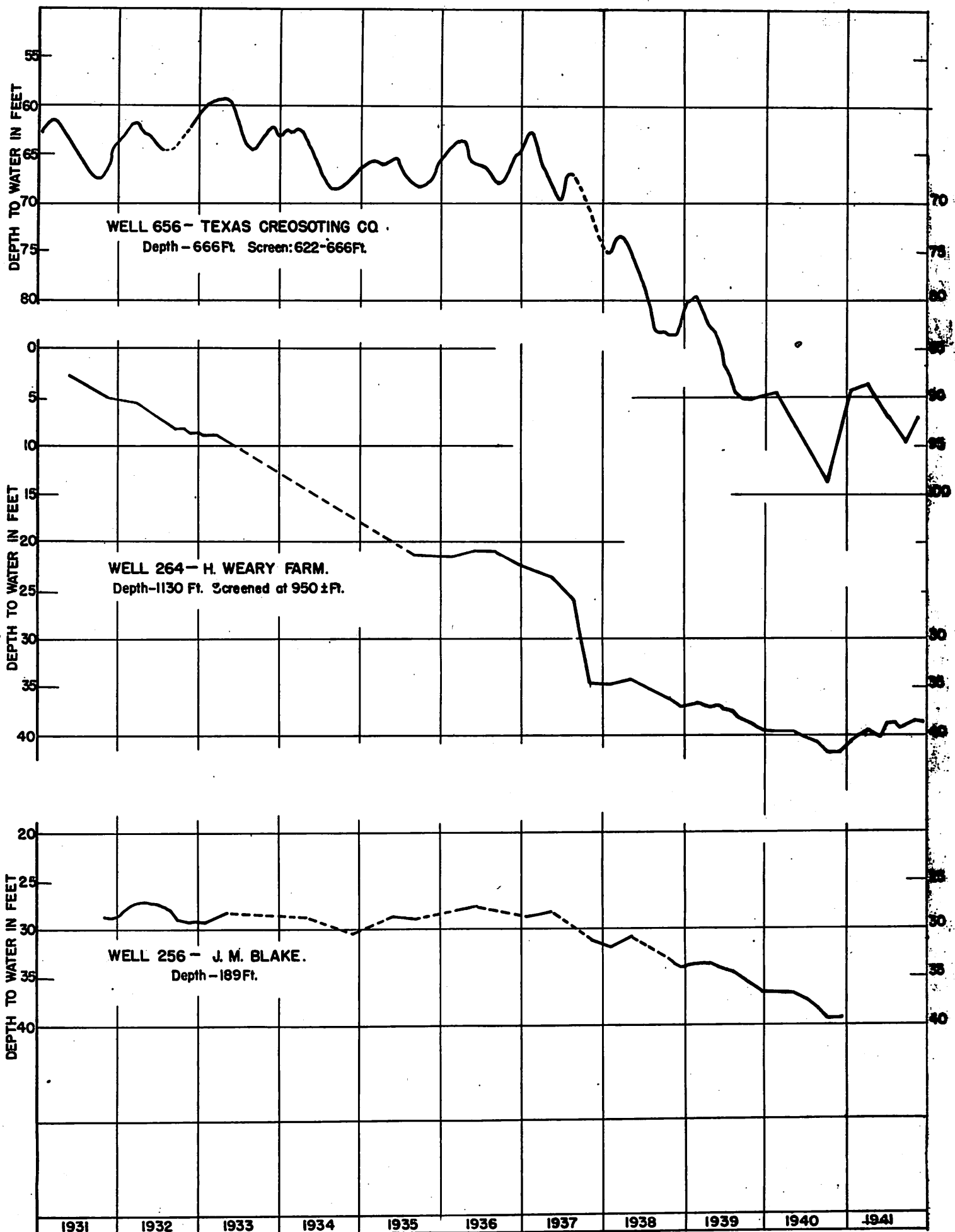


FIGURE 7.- FLUCTUATIONS OF WATER LEVELS IN WELLS NORTH OF HOUSTON

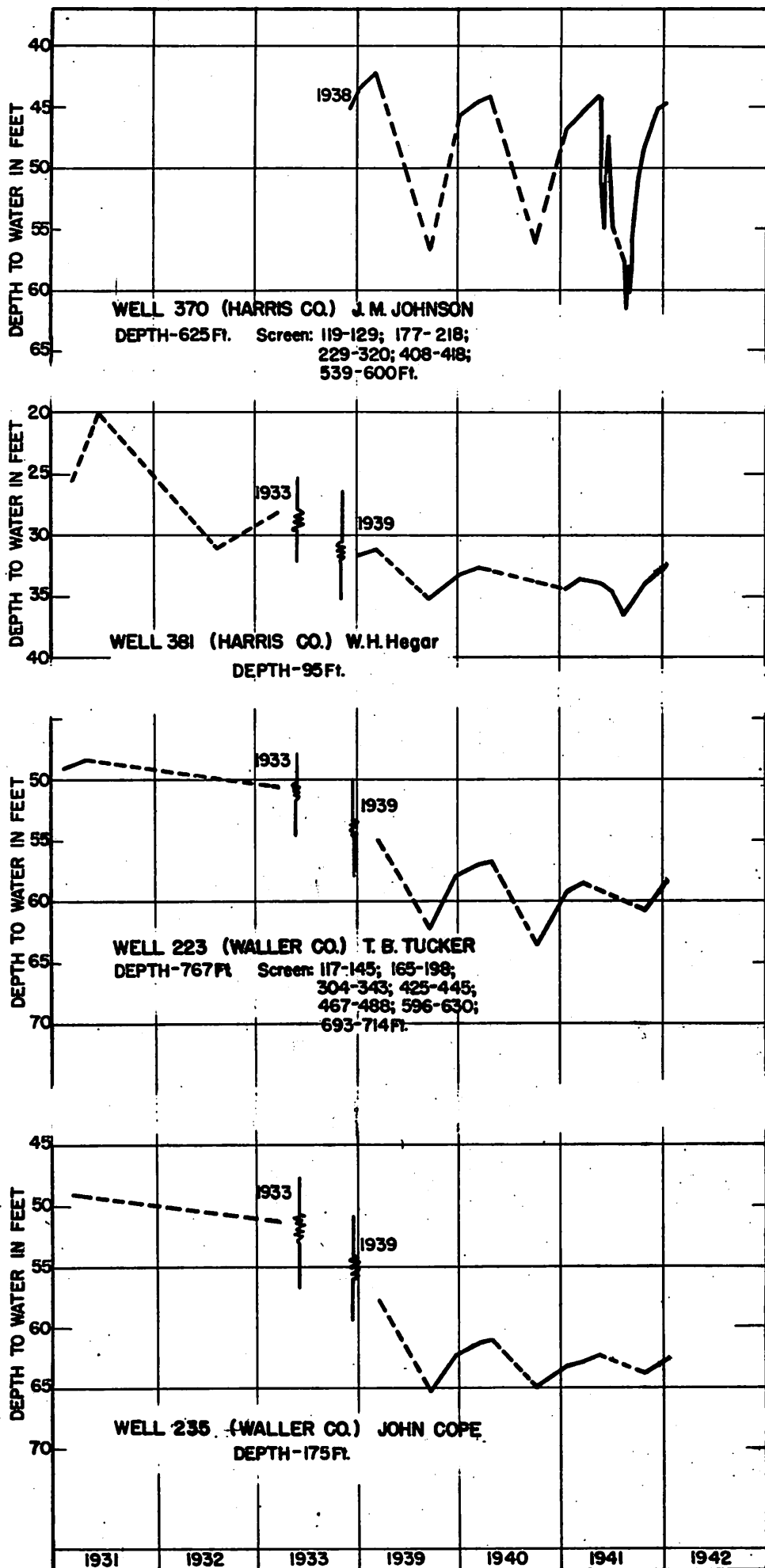


FIGURE 8 - FLUCTUATIONS OF WATER LEVELS IN WELLS IN KATY DISTRICT

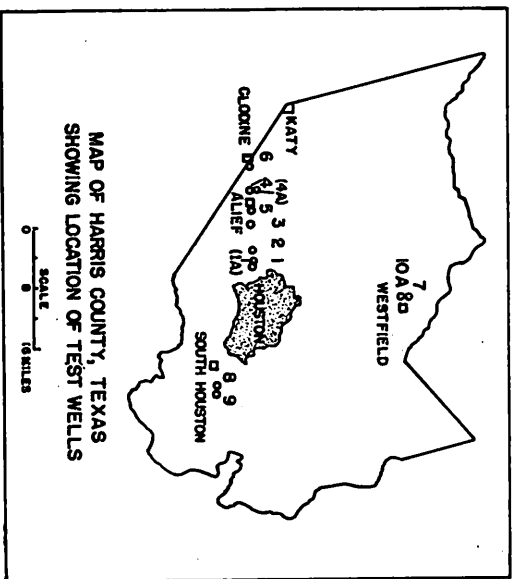
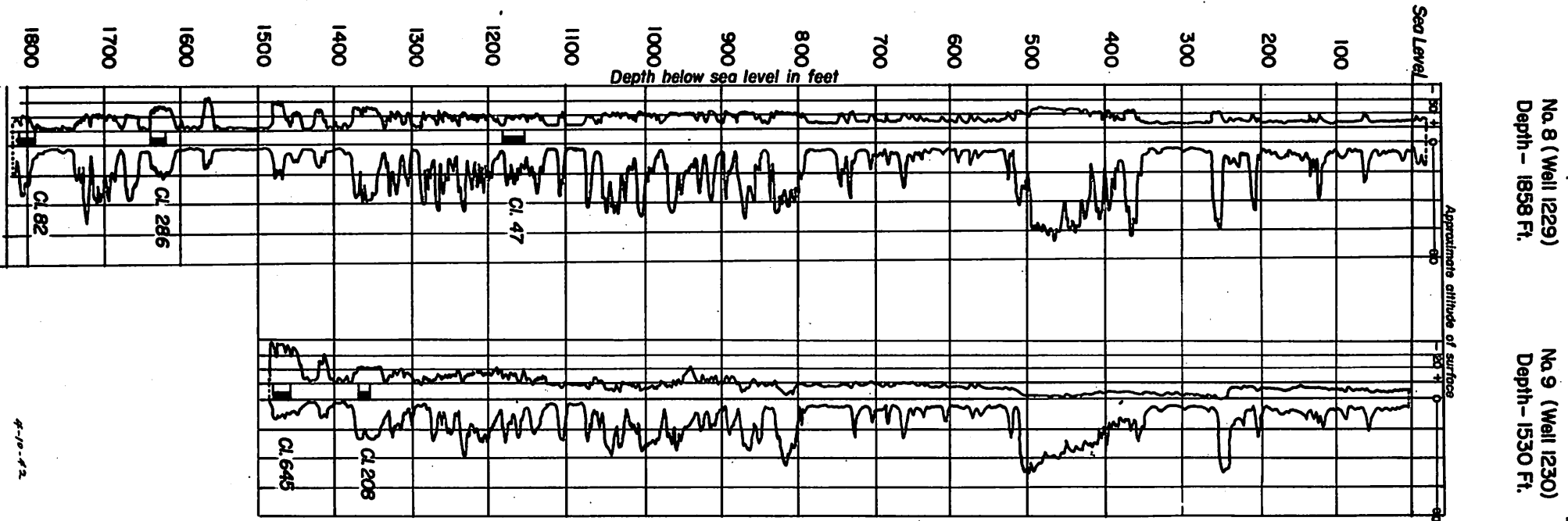
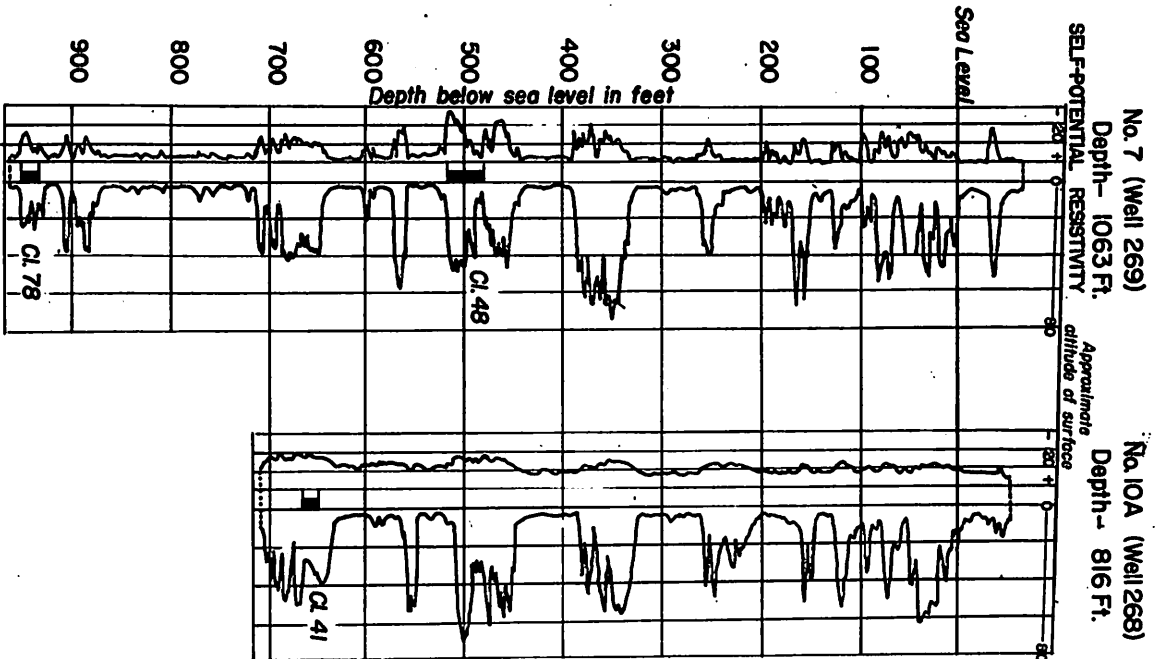


FIGURE IO - ELECTRICAL LOGS OF HOUSTON CITY TEST WELLS AT WESTFIELD, AND NEAR SOUTH HOUSTON.

Cl. 78 = Chlorides in parts per million

4-10-62



FIGURE 9-ELECTRICAL LOGS OF HOUSTON CITY TEST WELLS ALONG HOUSTON-CLODINE ROAD

Cl. 1330 = Chlorides in parts per million

4-10-42