

**TEXAS WATER DEVELOPMENT BOARD**

**REPORT 139**

**RECORDS OF WELLS, DRILLERS' LOGS, AND  
CHEMICAL ANALYSES OF GROUND WATER  
IN GALVESTON COUNTY, TEXAS, 1952-1970**

Compiled by

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U.S. Geological Survey

Prepared by the U.S. Geological Survey  
in cooperation with the  
Texas Water Development Board  
and the  
City of Galveston

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## TABLE OF CONTENTS

	<b>Page</b>
<b>INTRODUCTION</b> .....	1
<b>WELL-NUMBERING SYSTEM</b> .....	1
<b>REFERENCES CITED</b> .....	3

### TABLES

1. Well Numbers Used in This Report and Corresponding Numbers Used by Pettitt and Winslow (1955) .....	4
2. Records of Wells and Test Holes in Galveston County .....	5
3. Drillers' Logs of Wells in Galveston County .....	12
4. Chemical Analyses of Water From Wells in Galveston County .....	30

### FIGURE

1. Map Showing Locations of Wells in Galveston County .....	53
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# RECORDS OF WELLS, DRILLERS' LOGS, AND CHEMICAL ANALYSES OF GROUND WATER IN GALVESTON COUNTY, TEXAS, 1952-1970

## INTRODUCTION

The collection of hydrologic data for an intensive ground-water study in Galveston County, Texas, was begun by the U.S. Geological Survey in 1938. The program was interrupted during World War II, but periodic water-level measurements were made during the war years. In 1950, the cooperative program of investigation was renewed. The current program is carried out in cooperation with the Texas Water Development Board and the city of Galveston. All wells in Galveston County draw water from the Gulf Coast aquifer.

This report contains the records of 97 wells and test holes, 60 drillers' logs, and 652 chemical analyses of water samples collected since 1952. Barnes (1941) and Pettitt and Winslow (1955) recorded data collected earlier. Additional data relative to 42 wells recorded by Pettitt and Winslow has since been collected. A cross-reference of numbers assigned to these wells is given in Table 1. The records of wells and test holes are given in Table 2, the drillers' logs in Table 3, and the chemical analyses in Table 4. The locations of wells for which data appear in this report are shown on Figure 1.

Data on the geology, hydrology, pumpage, and chemical quality of ground water may be obtained from the previous publications (Barnes, 1941; Gabrysch, 1967; Pettitt and Winslow, 1955; Wood and Gabrysch, 1965). Measurements of water levels in wells for the period 1894-1969 were compiled by Gabrysch, McAdoo, and Bonnet (1970).

## WELL-NUMBERING SYSTEM

The well-numbering system used in this report was devised by the Texas Water Development Board for use throughout the State. Under this system, each 1-degree quadrangle is given a number consisting of two digits. These are the first two digits in the well number. Each 1-degree quadrangle is divided into 7½-minute quadrangles which are given 2-digit numbers from 01 to 64. These are the third and fourth digits of the well number. Each 7½-minute quadrangle is divided into 2½-minute quadrangles which are given a single digit number from 1 to 9. This is the fifth digit of the well number. Finally, each well within a 2½-minute quadrangle is given a 2-digit number in the order in which it was inventoried, starting with 01. These are the last two digits of the well number.

On the well-location map (Figure 1), only the last three digits of the well number are shown at each well location; the second two digits are shown in the northwest corner of each 7½-minute quadrangle; and the first two digits are shown by the large block numerals 64 and 65.

In addition to the 7-digit well number, a 2-letter prefix is used to identify the county. The prefix for Galveston County is KH.



## REFERENCES CITED

- Barnes, B. A., 1941, Records of wells, drillers' and electrical logs, water-level measurements, water analyses, and map showing location of wells in Galveston County: Texas Board Water Engineers duplicated rept., 155 p.
- Gabrysch, R. K., 1967, Development of ground water in the Houston district, Texas, 1961-65: Texas Water Devel. Board Rept. 63, 39 p., 19 figs.
- Gabrysch, R. K., McAdoo, Gene D., and Bonnet, C. W., 1970, Records of water-level measurements in wells in Galveston County, Texas, 1894-1969: Texas Water Development Board Rept. 123, 101 p., 1 fig.
- Petitt, B. M., Jr., and Winslow, A. G., 1955, Geology and ground-water resources of Galveston County, Texas: Texas Board Water Engineers Bull. 5502, 219 p., 33 figs., 3 pls.
- Wood, L. A., and Gabrysch, R. K., 1965, Analog model study of ground water in the Houston district, Texas: Texas Water Comm. Bull. 6508, 103 p., 43 figs.

**Table 1.—Well Numbers Used in This Report and Corresponding Numbers Used by Pettitt and Winslow (1955)**

NEW NUMBER	OLD NUMBER	NEW NUMBER	OLD NUMBER
KH-64-33-707	F-32	KH-65-32-716	B-45
708	F-33	720	B-32
807	F-47	726	B-38
902	F-41	39-601	D-14
903	F-42	40-201	E-26
904	F-45	401	E-78
905	F-46	503	E-81
907	F-59	614	E-67
908	F-44	616	E-70
35-601	H-6	703	E-84
36-201	J-5	704	E-87
41-102	M-1	706	E-92
103	M-2	802	E-83
303	M-38	48-207	L-61
305	M-39	209	L-64
306	M-40	210	L-65
308	M-36	211	L-66
309	M-37	212	L-67
310	M-35	213	L-62
42-303	N-1	214	L-68
49-501	Q-3	309	L-12
		502	L-21
		56-902	P-2



Table 2.--Records of Wells and Test Holes in Galveston County

This table does not include those wells listed in Table 1 which are described by Pettitt and Winslow (1955); however, chemical analyses for those wells are included in Table 4.

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given in feet and tenths.

Method of lift and type of pump: A, airlift; Cf, centrifugal; E, electric; J, jet; N, none; Ng, natural gas; Sub, submersible; T, turbine.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		ALTI-TUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)		ABOVE (+) OR BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* KH-64-25-701	Bacliff Municipal Utility District No. 1	Layne-Texas Co.	1965	660	14 8 5/8	578 660	19	133	Apr. 2, 1965	T,E	P	Screen 595-645 ft. <u>1/2</u>
712	Humble Oil & Refining Co.	--	--	65	4	--	16	3.6	Nov. 6, 1969	N	N	<u>3</u>
26-702	do	Humble Oil & Refining Co.	--	--	4	--	0	76.8	May 23, 1969	N	N	<u>3</u>
703	do	do	--	--	4	--	0	69.8	June 16, 1965	N	N	<u>3</u>
705	do	do	--	--	4	--	0	81.6	May 23, 1969	N	N	<u>3</u>
801	do	do	1960	871	5	871	0	64.2	do	N	N	Top of screen 84.7 ft. <u>3</u>
* 28-901	Mrs. Vera Govep	--	--	15	--	--	--	--	--	J,E	P	Furnishes water to motel.
* 29-701	William Hearn	B & L Drilling Co.	1958	286	2	286	5	--	--	J,E	D	
* 702	N.G. Brown	Angelton Water Well Service	1963	260	5	260	5	--	--	J,E	D	Screen 250-260 ft.
* 703	Canal City Development Co.	--	--	470	2	--	3	--	--	A,E	P	
* 33-101	Houston Lighting and Power, Well 1	Layne-Texas Co.	1963	664	18 10 3/4	565 664	12	159.3	Nov. 13, 1969	Sub,E	Ind	76 ft of screen between 575-650 ft. <u>1/2</u> <u>3</u>
* 102	Houston Lighting and Power, Well 2	do	1964	666	18 10 3/4	565 666	12	166.2	Nov. 6, 1969	T,E	Ind	76 ft of screen between 575-651 ft. <u>1/2</u> <u>3</u>
* 103	Houston Lighting and Power, Well 3	do	1964	660	18 10 3/4	555 660	10	157.8	Nov. 12, 1969	Sub,E	Ind	80 ft of screen between 565-645 ft. <u>1/2</u> <u>3</u>
201	Darby and Schroeder	Lowry Water Wells	1964	667	4,2 1/2	667	5	90	Mar. 25, 1964	Sub,E	Ind	2 1/2-in. screen 630-650 ft. <u>1</u>

See footnotes at end of table.

Table 2.--Records of Wells and Test Holes in Galveston County--Continued

WELL	OWNER	DRILLER	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		ALTI- TUDE OF LAND SUR- FACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)		ABOVE (+) OR BELOW LAND SUR- FACE DATUM (FT)	DATE OF MEASUREMENT			
KH-64-33-202	Ed. A. Smith, Jr.	Lowry Water Wells	1965	665	4 2 1/2	639 665	10	106	June 1965	Sub,E	D	2 1/2-in. screen 645-665 ft. <u>1</u>
210	Lee Yarbrough	Parsons Water Well Service	1968	210	2	198	11	48	Mar. 19, 1968	J,E	D	Open hole 198-210 ft. <u>1</u>
* 301	Bob Lowry	Lowry Water Wells	1961	680	4,2 1/2	680	11	121.9	Nov. 6, 1969	Sub,E	D	2 1/2-in. screen 660-680 ft. <u>3</u>
* 402	General Aniline and Film Corp.	Layne-Texas Co.	1966	665	16 10 3/4	555 665	6	114	Feb. 11, 1966	T,E	Ind	Reported 560 gpm with 65 ft drawdown when drilled. Screen 565-650 ft. <u>1</u> <u>2</u>
408	do	do	1967	4,018	20,13,9, 6,4	4,018	8	--	--	--	Ind	Disposal well. Screen 234 ft between 3,686-4,016 ft. <u>1</u> <u>2</u>
601	A.R. Swanson	Lowry Water Wells	1966	383	4 2 1/2	341 383	5	64	Aug. 2, 1966	Sub,E	D	Screen 373-383 ft. <u>1</u>
* 701	City of Texas City	Layne-Texas Co.	1962	737	16 10 3/4	737	12	116	Apr. 24, 1962	T,E	P	Reported 524 gpm with 80 ft drawdown when drilled. 138 ft of screen 310-725 ft.
710	do	Katy Drilling Co.	1969	644	14 8 5/8	644	11	198	Oct. 23, 1969	N	N	126 ft of screen 386-634 ft. <u>2</u>
* 801	do	Layne-Texas Co.	1955	768	16 8 5/8	768	9	116.2	May 7, 1956	T,E	P	140 ft of screen 530-755 ft. <u>1</u>
* 802	do	do	1955	702	18 10 3/4	300 702	10	131.4	Nov. 13, 1967	T,E	P	150 ft of screen 325-690 ft. <u>3</u>
* 803	do	do	1962	715	16 10 3/4	425 715	12	182.7	Nov. 12, 1969	T,E	P	151 ft of screen 434-700 ft. <u>1</u> <u>3</u>
* 804	do	do	1963	785	14 8 5/8	785	6	86 103.2	Apr. 25, 1963 Nov. 8, 1968	T,E	P	100 ft of screen 510-775 ft. <u>1</u> <u>3</u>
814	do	Katy Drilling Co.	1969	884	14 8 5/8	884	8	--	--	N	N	110 ft of screen 638-884 ft. <u>2</u>
* 901	do	Layne-Texas Co.	1956	772	16 8 5/8	500 772	10	172.9	May 7, 1969	T,E	P	152 ft of screen 504-770 ft. <u>1</u> <u>3</u>
* 912	Marathon Oil Co.	do	1967	771	16 10 3/4	460 771	8	176	Aug. 1, 1967	T,E	Ind	130 ft of screen 470-761 ft. <u>1</u> <u>2</u>
* 34-901	J.M. Hornbeck	A.C. Kuhlmann	1963	886	4 2 1/2	886	5	68	Mar. 20, 1963	Sub,E	Ind	Screen 846-886 ft. <u>1</u>
* 35-405	E.W. Boyd Estate	Green Brothers Water Well Service	1965	471	2	471	5	13	1965	Cf,E	Ind, P	Screen 463-471 ft. <u>1</u>

See footnotes at end of table.

Table 2.--Records of Wells and Test Holes in Galveston County--Continued

WELL	OWNER	DRILLER	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		ALTI- TUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)		ABOVE (+) OR BELOW LAND SUR- FACE DATUM (FT)	DATE OF MEASUREMENT			
* KH-64-35-507	E.W. Boyt Estate	--	1940's	450	--	--	7	--	--	--	S	
* 602	Ronnie McCall	--	1966	17	--	--	8	--	--	J,E	D	
* 603	C.F. Holmes	--	1959	16	4	16	10	--	--		D	
* 36-202	Sun Oil Co.	--	--	274	5	--	6	--	--	J,E	D	
203	do	R.H. Schneider	1953	230	4	230	8	--	--	A,Ng	N	Screen 204-230 ft. <u>Y</u>
41-101	C.H. Davidson	Skripka Drilling Co.	1963	116	2	116	15	18	Oct. 10, 1963	J,E	D	Screen 108-116 ft. <u>Y</u>
* 114	Galveston County Water Conservation and Improvement District No. 19	Layne-Texas Co.	1966	634	10 3/4 6 5/8	520 634	7	134.3	Nov. 14, 1969	T,E	P	81 ft of screen 530-622 ft. <u>Y</u> <u>Z</u> <u>3</u>
201	Steward Production Co.	Palmo Drilling Co.	1955	128	4	128	4	4.8	May 13, 1957	A,Ng	Ind	
* 202	Galveston County Water Conservation and Improvement District No. 3	Layne-Texas Co.	1956	722	16 10 3/4	722	15	140	Oct. 5, 1956	T,E	P	169 ft of screen 316-710 ft. <u>Y</u> <u>Z</u>
207	Mah Chang Corp.	Katy Drilling Co.	1965	596	18 10	340 596	10	162	Apr. 3, 1965	T,E	Ind	114 ft of screen 348-586 ft.
301	Texas City Terminal Railroad Co.	Layne-Texas Co.	1953	575	10 3/4 6 5/8	476 550	5	155	June 1953	T,E	Ind	Well worked over in 1963. Screen 480-525 ft; original screen setting 478-526 ft and 540-563 ft. <u>Y</u>
* 307	Texas City Refinery	do	1965	645	14 8 5/8	475 645	6	185	June 23, 1965	T	Ind	100 ft of screen 484-624 ft. <u>Y</u> <u>Z</u>
42-201	Texas City Marina	Loury Water Wells	1964	204	4 2 1/2	188 204	5	15	June 5, 1964	Sub,E	Ind	Screen 188-204 ft. <u>Y</u>
* 49-207	Pirate Cove Subdivision	Layne-Texas Co.	1969	420	8 5/8 4 1/2	380 420	4	25	Apr. 15, 1969	Sub,E	P	Screen 380-410 ft. <u>Y</u>
* 401	Jamaica Beach No. 2	B.J. Swinehart	1964	315	18 9 5/8 4 1/2	13 243 315	8	27.9	Nov. 17, 1969	Sub,E	P	43 ft of screen 243-312 ft. <u>Y</u> <u>Z</u>
402	do	--	--	315 ±	10	--	5	--	--	Sub,E	P	
403	Acapulco Village	David Bros. Drilling Co.	1967	489	6 4	459 489	7	16	May 10, 1967	Sub,E	P	Screen 465-489 ft. <u>Y</u>

See footnotes at end of table.

Table 2.--Records of Wells and Test Holes in Galveston County--Continued

WELL	OWNER	DRILLER	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		ALTI- TUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)		ABOVE (+) OR BELOW LAND SUR- FACE DATUM (FT)	DATE OF MEASUREMENT			
* KH-65-31-707	Galveston County Water Conservation and Improvement District No. 21	Layne-Texas Co.	1966	650	16 10 3/4	505 650	34	172	Jan. 7, 1967	T,E	P	100 ft of screen 520-635 ft. Y Z
* 801	Galveston County Water Conservation and Improvement District No. 15	Texas Water Wells	1957	545	10 3/4 6 5/8	475 545	33	142	Oct. 5, 1957	T,E	P	Screen 485-535 ft. Z
* 805	do	do	1963	620	12 3/4 6 5/8	450 620	25	146	Feb. 27, 1963	T,E	P	Screen 460-610 ft. Y Z
824	G.W. Offenhauser	David Bros. Drilling	1964	608	4	608	25	--	--	Sub,E	D	Screen 598-608 ft. Y
825	Harry Melcer	do	1969	614	4	614	26	160	Feb. 11, 1969	Sub,E	D	Screen 604-614 ft. Y
* 32-516	Campbell Utility Co.	B.J. Swinchart	1960	553	6 4	507 553	16	138	1960	T,E	P	40 ft of screen 507-551 ft.
517	City of League City	Lowry Water Wells	1960	637	4 2 1/2	637	11	--	--	Sub,E	P	Screen 605-635 ft.
* 524	Glen Cove Subdivision	Layne-Texas Co.	1966	705	10 3/4 6 5/8	600 705	16	166	June 9, 1966	T,E	P	Screen 610-690 ft. Y Z
* 712	Galveston County Water Conservation and Improvement District No. 2	Texas Water Wells	1962	530	14 5/8 8 5/8	400 530	18	130	July 3, 1962	T,E	P	76 ft of screen 410-525 ft. Y Z
* 713	do	do	1962	710	14 8 5/8	435 710	22	151	Dec. 8, 1962	T,E	P	130 ft of screen 440-680 ft. Y Z
* 901	Galveston County Water Conservation and Improvement District No. 12	do	1953	563	14	563	16	113 124.0	July 1953 May 2, 1961	T,E	P	70 ft of screen 430-560 ft. Z
* 902	do	Layne-Texas Co.	1960	590	12 3/4 6 5/8	502 590	12	162.0	May 12, 1969	T,E	P	Screen 520-575 ft. Y Z Z
903	Texas Corinthian	A.C. Kuhlmann	1962	606	4 2	576 606	15	140	Sept. 17, 1962	Sub,E	Ind	Screen 580-606 ft. Y
* 904	Bayview Municipal Utility District	Layne-Texas Co.	1965	645	14 8 5/8	558 645	20	147	July 14, 1965	T,E	P	Screen 568-628 ft. Y Z
911	Harmon E. Platzler	A.C. Kuhlmann	1968	567	4 2 1/2	550 567	19	165	July 1968	Sub,E	D	Screen 550-567 ft. Y
39-302	Hardy Egg Farm	Lowry Water Wells	1963	615	4 2	567 615	20	143	Sept. 1963	Sub,E	S	Y

See footnotes at end of table.

Table 2.--Records of Wells and Test Holes in Galveston County--Continued

WELL	OWNER	DRILLER	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		ALTI- TUD E OF LAND SUR- FACE SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)		ABOVE (+) OR BELOW LAND SUR- FACE DATUM (FT)	DATE OF MEASUREMENT			
KH-65-39-303	Ward McLendon	Lowry Water Wells	1965	180	4 2 1/2	168 180	27	30	Oct. 7, 1965	Sub,E	D	Screen 170-180 ft. <u>1</u>
* 503	City of Galveston	Layne-Texas Co.	1966	757	6	757	29	152	Dec. 8, 1966	N	N	Test well. Screen 737-757 ft. Partial D-log. <u>1</u> <u>2</u>
504	do	do	1966	742	--	--	34	--	--	N	N	Test hole. <u>2</u>
40-101	Ben McCormick	Katy Drilling Co.	1954	825	20 12	340 825	25	--	--	T,E	Irr	Slotted casing 495-825 ft. <u>1</u>
* 102	Aaron Finger	Layne-Texas Co.	1954	800	18 12 3/4	359 800	25	166.8	May 15, 1969	N	N	Formerly rice irrigation. Slotted casing 349 ft between 310-781 ft. <u>1</u> <u>2</u> <u>3</u>
* 213	Galveston County Water Conservation and Improvement District No. 1	do	1968	590	16 10 3/4	380 590	17	157	Apr. 26, 1968	T,E	P	130 ft of screen 390-570 ft. <u>1</u> <u>2</u>
* 214	do	do	1964	587	14 8 5/8	587	17	182	Sept. 2, 1964	T,E	P	Screen 492-521 ft and 541-572 ft. <u>1</u> <u>2</u>
* 407	City of Galveston	do	1966	795	4	795	23	151	Dec. 29, 1966	N	N	City of Galveston test hole number 3. <u>2</u>
* 408	do	do	1967	733	3 1/2	733	16	--	--	N	N	City of Galveston test hole number 4. Screen 694-714 ft.
409	Thomas A. Drees	Birdwell Water Well Service	1968	160	4	160	16	20	Oct. 3, 1968	Sub,E	P	Furnishes water to trailer court. Plastic screen 145-160 ft. <u>1</u>
* 411	City of Galveston, Well 16	Layne-Texas Co.	1969	750	24 18 10 3/4	38 625 750	19	165	May 7, 1969	T,E	P	Screen 635-740 ft. <u>1</u>
* 412	City of Galveston, Well 17	do	1969	736	24 18 10 3/4	32 640 736	22	165	Apr. 1, 1969	T,E	P	Screen 650-730 ft. <u>1</u>
* 501	Mount Olivet Cemetery	Layne-Texas Co.	1953	470	10 3/4 5 1/2	350 470	15	--	--	T,E	Irr	Irrigates lawn. 60 ft of screen 371-461 ft. <u>1</u> <u>2</u>
502	Galveston County Water Conservation and Improvement District No. 1	Fred Hintz	1956	530	12 3/4 6 5/8	434 530	14	105	Aug. 19, 1956	T,E	P	138 ft of screen 361-522 ft. <u>2</u>
522	Texaco Corp.	Lowry Water Wells	1968	213	4 2 1/2	213	16	33	Apr. 15, 1968	Sub,E	Ind	Texaco service station. Screen 189-198 ft. <u>1</u>

See footnotes at end of table.

Table 2. --Records of Wells and Test Holes in Galveston County--Continued

WELL	OWNER	DRILLER	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		ALTI- TUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)		ABOVE (+) OR BELOW LAND SUR- FACE DATUM (FT)	DATE OF MEASUREMENT			
XH-65-40-523	Pines Club	Birdwell Water Well Service	1967	390	4	390	16	89	Nov. 11, 1967	Sub,E	P	Screen 370-390 ft. <u>1</u>
*	701 City of Galveston	Coastal Water Well Co.	1959	776	18 10 3/4	677 776	26	--	--	T,E	P	Screen 677-773 ft. <u>2</u>
*	702 Santa Fe School District	A.C. Kuhlmann	1953	813	8 6	813	28	110	Sept. 23, 1953	T,E	P	Screen 763-813 ft. <u>2</u>
	714 Robert Doran	Birdwell Water Well Service	1968	229	2	229	30	30	July 15, 1968	J,E	D	Plastic screen 215-227 ft. <u>1</u>
	801 E.J. Martin	Skripka Drilling Co.	1963	95	2	84	19	13	Sept. 21, 1963	J,E	D	Open hole 84-95 ft. <u>1</u>
*	901 City of Texas City	Texas Water Wells	1956	850	18 10 3/4	488 850	19	107.6	May 8, 1969	T,E	P	150 ft of screen 500-850 ft. <u>2</u> / <u>3</u>
*	903 do	Katy Drilling Co.	1970	874	14 8 5/8	874	20	--	--	N	N	110 ft of screen 484-864 ft. <u>2</u>
	48-101 Penrod Drilling Co.	Palmo Drilling Co.	1952	800	4	--	25	119.1	Nov. 14, 1969	N	N	Supply well for oil test. <u>3</u>
*	102 Galveston County Water Conservation and Improvement District No. 8	Katy Drilling Co.	1964	781	14 8 5/8	590 781	25	--	--	T,E	P	60 ft of screen 594-776 ft. <u>2</u>
	103 Penrod Drilling Co.	B & P Drilling Co.	1966	772	4 3	649 772	28	--	--	N	N	Furnished water for oil test. Torch slotted 742-772 ft. <u>1</u>
*	201 City of Galveston	Layne-Texas Co.	1956	817	14 8 5/8	700 817	22	139.8	Nov. 13, 1969	T,E	P	87 ft of screen 710-805 ft. <u>1</u> / <u>2</u> / <u>3</u>
*	202 do	Coastal Water Well Co.	1960	836	18 10	836	24	126.0	May 14, 1968	T,E	P	Screen 744-836 ft. <u>2</u> / <u>3</u>
*	203 Margaret Hunt Trust Estate	Patterson	1960	726	4 1/2	726	20	106 115	1960 May 17, 1963	Sub,E	Ind	Screen 685-715 ft. <u>1</u>
*	204 City of Galveston	Layne-Texas Co.	1964	775	14 8 5/8	705 775	19	121.7	Nov. 7, 1968	T,E	P	Screen 715-765 ft. <u>1</u> / <u>2</u> / <u>3</u>
*	301 Galveston County Water Conservation and Improvement District No. 7	do	1958	790	12 3/4	625	17	112.6	May 14, 1969	T,E	P	102 ft of screen 656-780 ft. <u>1</u> / <u>2</u> / <u>3</u>
*	501 John W. Mecom	John W. Mecom	1959	865	13 12	865	14	87.2	July 22, 1963	T,Ng	Irr	Screen 365-865 ft.

See footnotes at end of table.

Table 2.--Records of Wells and Test Holes in Galveston County--Continued

WELL	OWNER	DRILLER	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		ALTI- TUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)		ABOVE (+) OR BELOW LAND SUR- FACE DATUM (FT)	DATE OF MEASUREMENT			
* KH-65-56-801	Sea Isle, Well 1	Layne-Texas Co.	1957	310	8 5/8 4 1/2	251 310	5	14.4	Mar. 22, 1967	T,E	P	30 ft of screen 260-300 ft. 1/
* 802	Sea Isle, Well 2	Jackson Drilling Co.	1968	300	10 6	130 300	5	15.0	May 15, 1969	Sub,E	P	Screen 260-300 ft. 1/ 3/

\* See Table 4 for chemical analyses of water from wells.

1/ See Table 3 for drillers' logs of wells.

2/ Electrical log in files of U.S. Geological Survey.

3/ Water-level observation well.

**Table 3.—Drillers' Logs of Wells in Galveston County**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-25-701</b>			Shale and sand streaks	65	405
Owner: Bacliff Municipal Utility District No.1 Driller: Layne-Texas Co.			Sand broken	9	414
Topsoil	3	3	Shale and sandy shale	31	445
Clay	11	14	Shale, sandy	15	460
Sand, brown, fine	30	44	Sand and sandy shale	24	484
Clay	32	76	Shale	2	486
Sand, brown	39	115	Shale, broken	9	495
Shale	35	150	Shale and sandy shale	22	517
Sand	8	158	Sand, broken, and shale hard streaks	58	575
Shale and sandy shale	129	287	Sand (cut good)	73	648
Sand, fine	25	312	Shale, sandy	4	652
Shale	87	399	Shale	12	664
Sand and sandy shale	26	425			
Shale	35	460	<b>Well KH-64-33-102</b>		
Sand	20	480	Owner: Houston Lighting and Power, Well 2 Driller: Layne-Texas Co.		
Shale, shell, and sandy shale	67	547	Clay	70	70
Shale	15	562	Sand	35	105
Sand	7	569	Clay	43	148
Shale	4	573	Sand	29	177
Sand	68	641	Clay, sandy	11	188
Shale and sandy shale	65	706	Sand	9	197
<b>Well KH-64-33-101</b>			Clay and sand streaks	42	239
Owner: Houston Lighting and Power, Well 1 Driller: Layne-Texas Co.			Sand and shale sandy	31	270
Topsoil	4	4	Clay	13	283
Clay	24	28	Sand and sandy clay	61	344
Sand	13	41	Clay	20	364
Clay and sandy clay	38	79	Sand and sandy clay	12	376
Sand	32	111	Clay and streaks of sand	20	396
Clay and sandy clay	13	124	Sand	16	412
Shale, sandy	50	174	Clay, sandy	12	424
Shale	17	191	Shale and sandy shale	36	460
Shale, sandy	27	218	Sand	22	482
Sand, with shale layers	44	262	Shale, sandy	20	502
Shale, hard	12	274	Shale	13	515
Shale, sandy	4	278	Shale, sandy	15	530
Sand, shale layers	62	340	Shale	45	575
			Sand, broken	75	650
			Shale	17	667



**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-33-103</b>			Sand, shaley	12	216
Owner: Houston Lighting and Power, Well 3 Driller: Layne-Texas Co.			Shale, broken, sandy	72	288
Surface soil	4	4	Clay, blue tough	48	336
Clay	21	25	Shale, sandy	83	419
Sand	7	32	Sand, powder, shaley	13	432
Clay and clay, sandy	22	54	Shale, tough	24	456
Sand	49	103	Sand breaks 2 and 3 feet	24	480
Clay and clay, sandy	34	137	Shale, sand breaks	48	528
Sand	21	158	Sand, top loose	21	549
Shale	17	175	Shale, sticky	18	567
Sand	15	190	Sand	9	576
Shale, sandy and sand	64	254	Shale	35	611
Shale	20	274	Sand	56	667
Sand, broken	57	331	<b>Well KH-64-33-202</b>		
Shale, sandy, hard	30	361	Owner: Ed. A. Smith, Jr. Driller: Lowry Water Wells		
Shale, sandy	37	398	Surface	24	24
Sand	23	421	Sand and clay	46	70
Clay	11	432	Sand	44	114
Sand and clay	6	438	Shale, blue	6	120
Sand and clay with streaks of sand	9	447	Clay, yellow	56	176
Sand and clay	14	461	Sand	32	208
Sand, broken	16	477	Shale, sandy	74	282
Sand and shale	10	487	Sand	34	316
Shale	9	496	Shale, blue, soft	92	408
Sand	10	506	Sand and shale	24	432
Sand and shale	6	512	Gumbo, tough	40	472
Shale and sand streaks	53	565	Sand	14	486
Sand, fine, broken	38	603	Gumbo	47	533
Sand, broken, cut hard	45	648	Sand	24	557
Shale	16	664	Gumbo	43	600
<b>Well KH-64-33-201</b>			Shale	34	634
Owner: Darby and Schroeder Driller: Lowry Water Wells			Sand	31	665
Clay, yellow surface	24	24	<b>Well KH-64-33-210</b>		
Clay, brown, top sandy	46	70	Owner: Lee Yarbrough Driller: Parsons Water Well Service		
Sand, mud, broken	40	110	Topsoil	3	3
Shale, blue	34	144	Clay	11	14
Clay, red	60	204			

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-33-210—Continued</b>			<b>Well KH-64-33-408</b>		
Sand, red	14	28	Owner: General Aniline and Film Corp. Driller: Layne-Texas Co.		
Clay	18	46	Surface soil	19	19
Sand, red	3	49	Clay, sticky	20	39
Clay	37	86	Clay, sandy	17	56
Sand, coarse, water salty	25	111	Clay	16	72
Clay, greenish	60	171	Sand and clay breaks	45	117
Sand, water	8	179	Clay	10	127
Clay, blue	19	198	Clay, sandy and sand breaks	18	145
Sand, water	12	210	Clay	33	178
<b>Well KH-64-33-402</b>			Sand	9	187
Owner: General Aniline and Film Corp. Driller: Layne-Texas Co.			Clay	43	230
Topsoil	4	4	Sand and clay	73	303
Clay and sandy clay	57	61	Clay	62	365
Sand, fine	41	102	Clay, sandy	5	370
Clay	50	152	Sand and clay streaks	22	392
Clay and sandy clay	48	200	Clay	13	405
Shell and fine sand	20	220	Clay, sandy and sand	17	422
Clay, sandy	21	241	Clay and sandy clay	64	486
Clay, sandy and sand streaks	61	302	Sand and clay streaks	25	511
Clay and sand breaks	56	358	Clay, sandy	12	523
Shale	30	388	Sand and sandy clay streaks	56	579
Shale, sandy	7	395	Sand and hard streaks	60	639
Shale	12	407	Sand and clay streaks	31	670
Sand and shale	12	419	Clay, sandy and sand	20	690
Shale and sand streaks	45	464	Sand	102	792
Sand	16	480	Clay, sandy	61	853
Shale (cut hard)	75	555	Sand and hard streaks	183	1,036
Sand and shale broken	99	654	Sand and clay streaks	27	1,063
Shale and sandy shale	25	679	Clay	16	1,079
Sand, broken	81	760	Sand and clay streaks	9	1,088
Sand (cut good)	49	809	Sand, clay and clay layers	9	1,097
Shale	4	813	Clay	14	1,111
Sand (cut good)	66	879	Clay, sandy and clay breaks	26	1,137
Sand and sandy shale	31	910	Sand and clay streaks	20	1,157
Shale and sandy shale	5	915	Clay and shale	130	1,287
			Clay and sand breaks	13	1,300

Table 3.—Drillers' Logs of Wells in Galveston County—Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well KH-64-33-408—Continued			Sand	25	2,315
Clay	13	1,313	Shale, hard	42	2,357
Sand	62	1,375	Sand rock, hard	12	2,369
Sand and clay breaks	44	1,419	Shale, hard and rock	48	2,417
Sand	16	1,435	Sand, hard, and shale breaks	31	2,448
Shale and sand streaks	40	1,475	Rock	23	2,471
Shale	38	1,513	Shale	23	2,494
Shale and sand breaks	18	1,531	Shale and sand breaks	15	2,509
Shale	50	1,581	Sand and shale streaks	71	2,580
Shale, sandy and sand	20	1,601	Shale	32	2,612
Shale	13	1,614	Sand and sandy shale	25	2,637
Sand and sandy shale	24	1,638	Shale	25	2,662
Shale	15	1,653	Lime and shale	61	2,723
Shale, sandy	15	1,668	Shale	15	2,738
Sand and hard streaks	34	1,702	Sand and sandy shale breaks	63	2,801
Shale	12	1,714	Shale	44	2,845
Shale, sandy, and sand streaks	16	1,730	Shale and hard sand	27	2,872
Clay, sandy	32	1,762	Shale	26	2,898
Clay	28	1,790	Shale, sandy	40	2,938
Shale, shell and sand	55	1,845	Shale and sand streaks	15	2,953
Shale, sandy, hard	54	1,899	Sand, hard	14	2,967
Shale, hard and sand streaks	16	1,915	Rock	3	2,970
Sand, hard, and sandy shale	35	1,950	Shale, hard, and limestone	50	3,020
Shale, hard, and sandy shale breaks	47	1,997	Rock	19	3,039
Sand	10	2,007	Sand, hard, and shale	11	3,050
Shale	3	2,010	Shale and sand	43	3,093
Sand and shale breaks	30	2,040	Shale, hard, and sand breaks	26	3,119
Shale	25	2,065	Shale, hard, sticky	7	3,126
Shale, sandy and sand breaks	20	2,085	Lime, hard, sandy, and shale	26	3,152
Sand	16	2,101	Shale, sticky	31	3,183
Shale	9	2,110	Shale, sandy and sand streaks	18	3,201
Sand	7	2,117	Shale	19	3,220
Shale	5	2,122	Sand and hard streaks	9	3,229
Rock	2	2,124	Shale	14	3,243
Shale, hard, sandy	12	2,136	Shale and hard sand	32	3,275
Clay, sandy	59	2,195	Shale, hard and limestone	44	3,319
Shale, hard, sandy	32	2,227	Rock, hard and shale	15	3,334
Shale, hard	63	2,290	Sand and shale streaks	57	3,391

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-33-408—Continued</b>			Shale	23	383
Shale	5	3,396	Sand	3	386
Sand, hard, and shale breaks	27	3,423	Shale and sandy shale streaks	73	459
Shale, hard	8	3,431	Sand and shells (cut fair)	13	474
Sand	122	3,553	Shale and sandy shale streaks	23	497
Sand and shale streaks	95	3,648	Sand (cut good)	10	507
Shale	28	3,676	Shale, sandy and shale	25	532
Sand and shale streaks	13	3,689	Sand, gray, fine	19	551
Lime, hard, sandy	11	3,700	Shale	17	568
Sand and few hard streaks	135	3,835	Sand	5	573
Sand and shale breaks	42	3,877	Shale	6	579
Shale, sandy and sand	29	3,906	Sand	7	586
Sand, hard	42	3,948	Shale, hard	20	606
Sand	13	3,961	Shale, hard, and sandy shale streaks	29	635
Shale	31	3,992	Sand and sandy shale	16	651
Sand	80	4,072	Shale	5	656
Sand and shale	71	4,143	Shale, sandy and sand streaks	8	664
Shale, hard	2	4,145	Shale hard	4	668
<b>Well KH-64-33-601</b>			Sand and sandy shale and shale streaks	24	692
Owner: A. R. Swanson Driller: Lowry Water Wells			Sand	24	716
Clay, red, hard	36	36	Sand, sandy shale, wood and shells	20	736
Clay, gray, soft	40	76	Sand (cut good)	24	760
Sand, mud bottom	20	96	Shale, sticky	8	768
Shale, blue, mud	68	164			
Sand	14	178			
Shale, blue, few sand streaks	144	322			
Sand (good)	61	383			
<b>Well KH-64-33-801</b>			<b>Well KH-64-33-803</b>		
Owner: City of Texas City Driller: Layne-Texas Co.			Owner: City of Texas City Driller: Layne-Texas Co.		
Topsoil, clay and shale	180	180	Soil and clay	23	23
Sand	20	200	Sand, shale and clay	25	48
Shale	48	248	Clay	32	80
Shale, sandy and sand streaks	60	308	Shale and sand streaks	13	93
Sand (cut poor)	20	328	Sand, gray, fine	14	107
Shale, sandy and sand streaks and shale	32	360	Shale	74	181
			Shale, sandy	8	189
			Shale, sandy and shale	146	335
			Shale, sandy and streak of fine sand	30	365
			Shale, sandy and shale	67	432

Table 3.—Drillers' Logs of Wells in Galveston County—Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-33-803—Continued</b>			Shale, blue	18	438
Sand, fine	26	458	Sand	7	445
Shale	3	461	Shale, blue and white	29	474
Sand and shale	19	480	Sand and sandy shale	9	483
Shale, sandy and shale streaks	18	498	Shale, blue and sand streaks	26	509
Sand, fine and shale streaks	25	523	Sand and shale streaks	15	524
Shale	9	532	Shale, brown and gray and sand streaks	65	589
Shale, fine and sand streaks	18	550	Shale and sand breaks	16	605
Shale	11	561	Sand	45	650
Shale, sandy and sand	7	568	Shale	10	660
Shale	9	577	Sand and shale breaks	54	714
Sand and shale streaks	20	597	Shale and sand streaks	36	750
Shale and sand streaks	24	621	Sand	56	806
Sand and shale	9	630			
Sand, gray, fine	18	648	<b>Well KH-64-33-901</b>		
Shale	5	653	Owner: City of Texas City Driller: Layne-Texas Co.		
Sand, white	44	697	Soil, surface	15	15
Shale	10	707	Sand	15	30
Sand, fine and shale streaks	29	736	Shale, sandy	38	68
Shale	10	746	Clay and sandy clay	22	90
<b>Well KH-64-33-804</b>			Clay, sandy	14	104
Owner: City of Texas City Driller: Layne-Texas Co.			Clay and sandy clay	18	122
Clay	8	8	Sand	12	134
Sand, fine	7	15	Shale, sandy	10	144
Clay, blue	51	66	Sand	7	151
Sand, fine	29	95	Shale	4	155
Shale, few sand breaks	75	170	Shale, sandy	10	165
Sand	15	185	Shale, sticky	11	176
Shale and shells	65	250	Shale, sticky shale, and shell	25	201
Sand	15	265	Shale, sandy	14	215
Shale, blue	20	285	Sand and shell	30	245
Sand, fine	15	300	Shale, sandy	19	264
Shale, blue	30	330	Sand and sandy shale and shell	62	326
Sand, gray, fine	30	360	Shale sandy, sandy and shell	69	395
Sand and sandy shale	7	367	Shale, sandy shale breaks	75	470
Shale, blue and brown	40	407	Shale, sandy and shale breaks	18	488
Sand and sandy shale	13	420	Shale hard	28	516

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-33-901—Continued</b>			<b>Well KH-64-34-901</b>		
Sand with rock layers	19	535	Owner: J. M. Hornbeck Driller: A. C. Kuhlmann		
Shale	2	537	Sand and shell	84	84
Sand, sandy shale, and rock layers	29	566	Clay	3	87
Shale, sticky	40	606	Clay, blue, sandy	34	121
Shale, sandy	5	611	Sand and gravel	70	191
Shale, hard, sticky, sandy and shell	21	632	Sand, logs, clay	135	326
Shale, sandy	4	636	Sand	23	349
Sand and shale	17	653	Shale, sandy	79	428
Shale, hard, sandy	19	672	Sand	5	433
Sand	31	703	Shale, sandy	149	582
Shale	9	712	Sand	6	588
Sand with shale layers	15	727	Shale, sandy, sand breaks	242	830
Sand	33	760	Sand	55	885
Shale, hard, sticky	12	772	Clay	1	886
<b>Well KH-64-33-912</b>			<b>Well KH-64-35-405</b>		
Owner: Marathon Oil Co. Driller: Layne-Texas Co.			Owner: E. W. Boyt Estate Driller: Green Brothers Water Well Service		
Soil	10	10	Sand and shell	50	50
Sand and clay	21	31	Clay, blue	64	114
Clay	63	94	Sand (salt water)	45	159
Clay, sandy	26	120	Clay, blue	61	220
Shale and sandy shale	135	255	Sand (salt water)	80	300
Sand	15	270	Limestone	20	320
Shale, sandy	61	331	Clay, gray	60	380
Sand and shale streaks	30	361	Limestone	30	410
Shale	97	458	Sand (fresh water)	61	471
Sand, fine and shale streaks	22	480			
Shale and sandy shale	86	566	<b>Well KH-64-36-203</b>		
Sand, gray, fine	28	594	Owner: Sun Oil Co. Driller: R. H. Schneider		
Shale	7	601	Sand, surface	20	20
Sand, gray, fine	22	623	Shale	72	92
Shale and sand streaks	44	667	Sand	6	98
Sand and shale streaks	17	684	Shale	47	145
Shale	11	695	Sand	5	150
Sand and shale streaks	29	724	Shale	56	206
Sand and shale streaks	37	761	Sand	24	230
Shale	10	771			

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-41-101</b>			<b>Well KH-64-41-202</b>		
Owner: C. H. Davidson Driller: Skripka Drilling Co.			Owner: Galveston County Water Conservation and Improvement District No. 3 La Marque Driller: Layne-Texas Co.		
Clay, red	8	8	Soil, sandy	3	3
Sand, red	3	11	Sand and sandy clay	34	37
Clay, red	20	31	Clay	23	60
Sand, red	4	35	Clay and shell	30	90
Clay, red	8	43	Sand	32	122
Sand, red	5	48	Sand and shell	29	151
Clay, red	5	53	Sand, broken	54	205
Sand, brown	4	57	Shale	35	240
Clay, brown, sandy	13	70	Shale, sandy and sand breaks	60	300
Clay, blue	19	89	Sand	110	410
Sand, blue gray, hard	29	118	Shale	9	419
<b>Well KH-64-41-114</b>			Sand, fine and shale layers	90	509
Owner: Galveston County Water Conservation and Improvement District No. 19 Driller: Layne-Texas Co.			Sand, coarse	60	569
Topsoil	25	25	Sand and shale	29	598
Sand	15	40	Sand and shell	32	630
Clay and sandy clay	60	100	Shale	7	637
Sand	27	127	Sand and shell	53	690
Clay and sand streaks	48	175	Sand, fine	23	713
Sand	8	183	Shale, broken	7	720
Clay	15	198	Sand	130	850
Clay, sandy and sand streaks	25	223	<b>Well KH-64-41-301</b>		
Clay	30	258	Owner: Texas City Terminal Railroad Co. Driller: Layne-Texas Co.		
Clay, sandy and sand streaks	116	374	Fill	3	3
Sand, fine	15	389	Clay, sandy and clay	104	107
Clay and sand streaks	67	456	Sand, gray	15	122
Clay, sandy	74	530	Clay and sandy clay	358	480
Sand (good)	23	553	Sand, gray, clean	45	525
Sand (good)	27	580	Clay	14	539
Clay, sandy	7	587	Clay and sand breaks	69	608
Sand	35	622	<b>Well KH-64-41-307</b>		
Shale, sandy and sand streaks	74	696	Owner: Texas City Refinery Driller: Layne-Texas Co.		
Sand, fine	24	720	Fill clay and shale	15	15
Shale, sandy	80	800	Clay	37	52

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-41-307—Continued</b>			<b>Well KH-64-49-207</b>		
Shale, sandy	18	70	Owner: Pirate Cove Subdivision Driller: Layne-Texas Co.		
Shale and shale, sandy	20	90	Sand	11	11
Sand	29	119	Clay	42	53
Shale and shale, sandy	20	139	Shale, blue	87	140
Shale, sandy and shell	24	163	Shale, hard	125	265
Shale	11	174	Shale, sandy	15	280
Sand	13	187	Shale	25	305
Clay	10	197	Shale, sandy	25	330
Shale, sandy with sand and shell	33	230	Shale	13	343
Shale	43	273	Sand, fine and shale breaks	14	357
Shale and shell	43	316	Shale, sandy	23	380
Shale and shale, sandy	75	391	Sand, broken	30	410
Shale, sandy with sand breaks	65	456	Shale	10	420
Sand, broken	21	477	<b>Well KH-64-49-401</b>		
Shale, sandy, hard and sand	23	500	Owner: Jamaica Beach No. 2 Driller: B. J. Swinehart		
Sand	20	520	Sand, surface	12	12
Shale	5	525	Clay, sandy, shell and silt	78	90
Shale, sandy with sand and shale	20	545	Clay	23	113
Sand, broken	39	584	Clay, silty and soft	46	159
Shale, sandy and shell	13	597	Rock, sand	1	160
Shale and shell	10	607	Clay	38	198
Sand	14	621	Sand	8	206
Sand broken	14	635	Clay, soft	37	243
Shale, hard and shale, sandy	20	655	Sand and shell	20	263
<b>Well KH-64-42-201</b>			Clay, soft with sand streaks	26	289
Owner: Texas City Marina Driller: Lowry Water Wells			Sand	23	312
Surface and clay	19	19	Clay, soft	138	450
Sand, gray, fine	15	34	Sand	4	454
Shale, blue	24	58	Clay, soft	181	635
Clay, yellow	34	92	<b>Well KH-64-49-403</b>		
Shale, blue, soft	39	131	Owner: Acapulco Village Driller: Davis Brothers Drilling Co.		
Sand, powder, few breaks	61	192	Sand	60	60
Sand, hard (good)	12	204	Clay, soft	235	295
			Sand, fine	6	301



**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

		THICKNESS (FEET)	DEPTH (FEET)			THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-64-49-403—Continued</b>					Sand	25	144
Clay, soft and shell		25	326	Shale and sand streaks		325	469
Sand		2	328	Sand		139	608
Clay and strippy sand		15	343	Shale		5	613
Sand		2	345	Sand		67	680
Clay and blue shell		114	459	Shale		8	688
Sand, medium-coarse		30	489	Sand and shale		60	748
Clay, blue, soft		16	505	Shale		8	756
				Sand		50	806
<b>Well KH-65-31-707</b>					Shale	7	813
<p style="text-align: center;">Owner: Galveston County Water Conservation and Improvement District No. 21 Driller: Layne-Texas Co.</p>							
Clay, sticky		100	100				
Sand		55	155				
Shale, sandy		20	175	Clay		20	20
Shale		25	200	Sand		15	35
Shale, sandy		9	209	Clay		105	140
Sand		15	224	Sand		20	160
Shale, sandy		21	245	Clay		190	350
Shale and sandy shale		35	280	Sand		32	382
Sand, broken		20	300	Clay		141	523
Sand (cut good)		29	329	Sand		85	608
Sand, broken		10	339				
Shale, hard		21	360				
Shale, sandy		15	375	Clay		68	68
Sand and sandy shale		75	450	Sand		5	73
Clay and sand breaks		65	515	Clay		57	130
Sand with shale streaks		70	585	Sand		10	140
Shale, sandy		15	600	Clay		65	205
Sand		40	640	Sand, fine		14	219
Shale, sandy		10	650	Clay and shell, stripped sand		303	522
<b>Well KH-65-31-805</b>					Sand, coarse	92	614
<p style="text-align: center;">Owner: Galveston County Water Conservation and Improvement District No. 15 Driller: Texas Water Wells</p>							
Surface		3	3				
Clay, yellow		20	23	Soil		5	5
Sand		6	29	Clay and sand streaks		48	53
Clay		90	119	Sand and shale		31	84
<b>Well KH-65-31-824</b>							
<p style="text-align: center;">Owner: G. W. Offenhauser Driller: Davis Brothers Drilling Co.</p>							
<b>Well KH-65-31-825</b>							
<p style="text-align: center;">Owner: Harry Melcer Driller: Davis Brothers Drilling Co.</p>							
<b>Well KH-65-32-524</b>							
<p style="text-align: center;">Owner: Glen Cove Subdivision Driller: Layne-Texas Co.</p>							

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-65-32-524—Continued</b>			Shale	20	235
Clay	15	99	Sand, broken	31	266
Clay, sandy and sand streaks	77	176	Shale, shells	20	286
Sand	13	189	Shale	113	399
Clay	9	198	Sand, broken	57	456
Sand	9	207	Shale, shells	24	480
Clay, sandy	42	249	Shale	25	505
Clay, sandy and sand streaks	58	307	Sand	20	525
Clay and sandy clay	14	321	Shale	5	530
Clay, sandy and sand streaks	36	357	Sand and shale	16	546
Sand and sandy clay	20	377	Sand, broken	30	576
Clay, sandy	15	392	Shale, shells	42	618
Clay, sandy and sand streaks	38	430	Sand, broken	48	666
Clay	28	458	Shale	5	671
Sand, broken	42	500			
Clay, sandy	10	510			
Sand (cut good)	41	551			
Clay	2	553			
Sand, broken	7	560			
Sand and clay	6	566			
Sand	31	597			
			<b>Well KH-65-32-713</b>		
			Owner: Galveston County Water Conservation and Improvement District No. 2 Driller: Texas Water Wells		
			Surface	4	4
			Clay	8	12
			Sand	8	20
			Clay	11	31
			Clay, sandy	6	37
			Clay	15	52
			Sand	20	72
			Clay	15	87
			Sand	8	95
			Clay	3	98
			Sand	7	105
			Shale	8	113
			Sand	29	142
			Sand and shells	7	149
			Sand	48	197
			Shale	50	247
			Sand	13	260
			Shale	20	280
			Sand	17	297
			Shale	19	316
<b>Well KH-65-32-712</b>					
Owner: Galveston County Water Conservation and Improvement District No. 2 Driller: Texas Water Wells					
Surface	1	1			
Clay	7	8			
Clay, sandy	3	11			
Clay	30	41			
Sand	5	46			
Clay	15	61			
Shell	32	93			
Clay	28	121			
Sand	18	139			
Clay, sandy	12	151			
Sand	42	193			
Clay	6	199			
Sand	16	215			

Table 3.—Drillers' Logs of Wells in Galveston County—Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-65-32-713—Continued</b>			Clay, red	77	192
Shale, sandy	21	337	Gumbo, blue	366	558
Shale	43	380	Sand (good)	48	606
Shale, sandy	47	427			
Sand	53	480	<b>Well KH-65-32-904</b>		
Shale	16	496	Owner: Bayview Municipal Utility District Driller: Layne-Texas Co.		
Sand	24	520	Topsoil	2	2
Rock	1	521	Clay	14	16
Sand	5	526	Clay and sand streaks	14	30
Shale	16	542	Clay	34	64
Shale, sandy	10	552	Sand	31	95
Sand	11	563	Clay, sandy	8	103
Sand	45	608	Clay	37	140
Sand, broken	64	672	Clay, sandy	13	153
Shale	10	682	Sand	5	158
Shale, sandy	20	702	Shale, sandy and sand	30	188
			Shale	10	198
<b>Well KH-65-32-902</b>			Shell	10	208
Owner: Galveston County Water Conservation and Improvement District No. 12 Driller: Layne-Texas Co.			Shale, sandy with shell and sand	40	248
Topsoil	2	2	Shale, hard	15	263
Clay and sand streaks	65	67	Sand, broken	57	320
Sand	14	81	Shale, hard	22	342
Clay	80	161	Sand	12	354
Sand	10	171	Shale, sandy	16	370
Sand	23	194	Shale	20	390
Shale	118	312	Shale, sandy and sand streaks	15	405
Shale and sandy shale	26	338	Shale	16	421
Shale and sandy shale	183	521	Shale, sandy	40	461
Sand	53	574	Shale, hard	16	477
Shale	16	590	Shale	36	513
			Sand	15	528
<b>Well KH-65-32-903</b>			Shale, sandy	7	535
Owner: Texas Corinthian Driller: A. C. Kuhlmann			Sand, broken	12	547
Topsoil	38	38	Shale	20	567
Sand, fine	8	46	Shale, sandy	10	577
Clay, yellow	51	97	Sand, broken	16	593
Sand	18	115	Sand (cut good)	39	632

Table 3.—Drillers' Logs of Wells in Galveston County—Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-65-32-904—Continued</b>			<b>Well KH-65-39-303</b>		
Sand, broken	23	655	Owner: Ward McLendon Driller: Lowry Water Wells		
Shale and shale, sandy	20	675	Clay, red	15	15
<b>Well KH-65-32-911</b>			Clay, yellow	28	43
Owner: Harmon E. Platzer Driller: A. C. Kuhlmann			Sand	6	49
Clay	28	28	Clay, yellow	21	70
Sand	12	40	Clay, blue mud	26	96
Clay	18	58	Sand, fine	9	105
Sand	7	65	Clay, red	15	120
Clay	8	73	Sand	8	128
Sand	22	95	Clay, red	18	146
Clay	71	166	Sand	7	153
Sand	37	203	Shale	6	159
Clay	162	365	Sand	21	180
Sand	12	377	<b>Well KH-65-39-503</b>		
Clay	58	435	Owner: City of Galveston Driller: Layne-Texas Co.		
Sand (good)	8	443	Unknown	0	757
Clay	106	549	Clay	57	814
Sand	18	567	Sand	40	854
<b>Well KH-65-39-302</b>			Clay, sandy	16	870
Owner: Hardy Egg Farm Driller: Lowry Water Wells			Sand and clay streaks	18	888
Surface	36	36	Clay and sandy clay	25	913
Clay, red	21	57	Sand and sandy clay	50	963
Clay, white	13	70	Clay and sandy clay	16	979
Sand, fine	14	84	<b>Well KH-65-40-101</b>		
Shale, gray	12	96	Owner: Ben McCormick Driller: Katy Drilling Co.		
Clay, red	30	126	Topsoil	75	75
Sand, powder	54	180	Sand	28	103
Shale, blue, sandy	169	349	Clay	32	135
Sand and shale	24	373	Sand	29	164
Shale, sandy, soft	46	419	Clay	59	223
Sand, top broken	29	448	Shale	123	346
Shale, tough	8	456	Rock, lime	10	356
Sand, shale broken	48	504	Shale, blue	167	523
Shale, tough	25	529	Sand	85	608
Sand (very good)	86	615			

**Table 3.—Drillers' Logs of Well in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-65-40-101—Continued</b>			<b>Well KH-65-40-213</b>		
Shale	35	643	Owner: Galveston County Water Conservation and Improvement District No. 1 Driller: Layne-Texas Co.		
Sand	12	655			
Sand and rock	40	695	Topsoil	3	3
Shale	7	702	Clay	86	89
Sand	23	725	Sand, gray, broken	19	108
Shale	10	735	Shale	10	118
Sand and rock	16	751	Sand, gray, fine, broken	8	126
Shale	11	762	Clay	24	150
Sand	11	773	Sand and clay streaks	29	179
Shale	29	802	Clay	14	193
Sand and rock bottom clay	23	825	Clay, sandy and sand streaks	64	257
<b>Well KH-65-40-102</b>			Clay	9	266
Owner: Aaron Finger Driller: Layne-Texas Co.			Clay, sandy and clay streaks and shell	76	342
Soil	2	2	Clay	20	362
Clay	69	71	Shale, hard (cut slow)	16	378
Sand	19	90	Shale, hard and shell streaks	17	395
Clay, sandy	40	130	Sand, broken	9	404
Clay	72	202	Sand (cut good)	31	435
Sand	45	247	Clay	13	448
Shale, blue	30	277	Clay sandy and sand streaks	27	475
Sand	62	339	Sand, broken	39	514
Shale	30	369	Clay	12	526
Shale, sandy	32	401	Clay and sand streaks	7	533
Shale	23	424	Sand (cut good)	41	574
Sand	30	454	Clay	23	597
Shale	77	531	Clay, sandy and sand streaks	39	636
Sand	28	559	Clay	11	647
Shale, sandy	105	664	Sand (cut good)	16	663
Sand	73	737	Clay	29	692
Shale	10	747	Sand	27	719
Sand	37	784	Clay and sand streaks	73	792
Shale and sand streaks	41	825	Clay, sandy and sand streaks	9	801

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-65-40-214</b>			Sand	17	118
Owner: Galveston County Water Conservation and Improvement District No. 1 Driller: Layne-Texas Co.			Clay, blue	9	127
			Clay, blue and shell	10	137
Topsoil	4	4	Clay, blue	5	142
Clay, hard	35	39	Sand	18	160
Clay, hard and sandy clay	37	76			
Sand	35	111	<b>Well KH-65-40-411</b>		
Clay	11	122	Owner: City of Galveston, Well 16 Driller: Layne-Texas Co.		
Clay, sandy	15	137	Clay	30	30
Sand, broken	10	147	Sand	30	60
Sand	20	167	Clay and sand streaks	125	185
Shale and sandy shale	41	208	Shale, blue and clay	125	310
Sand, broken	60	268	Few sand streaks	31	341
Shale	14	282	Shale	91	432
Sand	20	302	Shale and sand streaks	30	462
Shale and sandy shale	58	360	Shale	60	522
Sand, broken	20	380	Sand and shale streaks	27	549
Sand (cut good)	20	400	Shale and sand streaks	75	624
Shale, sandy, hard	20	420	Sand and shale streaks	18	642
Shale, sandy	6	426	Sand, medium to fine	58	700
Sand (cut good)	15	441	Sand, medium to coarse	65	765
Shale, sandy	8	449	Shale	0	765
Sand (cut good)	68	517			
Sand and sandy shale	22	539	<b>Well KH-65-40-412</b>		
Sand, hard	29	568	Owner: City of Galveston, Well 17 Driller: Layne-Texas Co.		
Shale and shell breaks	7	575	Surface soil	3	3
Sand, hard	23	598	Clay	183	186
Shale	4	602	Clay and sand streaks	60	246
Shale and sandy shale	18	620	Shale	159	405
Sand	43	663	Shale and sand streaks	31	436
			Sand	20	456
<b>Well KH-65-40-409</b>			Shale	6	462
Owner: Thomas A. Drees Driller: Birdwell Water Well Service			Sand	5	467
Clay	18	18	Shale	46	513
Sand, red	10	28	Sand and shale, sandy	31	544
Clay	48	76	Shale, and shale, sandy	41	585
Sand, white	20	96	Shale	43	628
Clay, sandy	5	101	Sand, fine and shale streaks	32	660

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-65-40-412—Continued</b>			Sand	7	105
Sand, fine, medium	20	680	Clay	22	127
Sand and gravel, fine	54	734	Sand	15	142
Shale and sand streaks	2	736	Clay	5	147
			Sand	8	155
<b>Well KH-65-40-501</b>			Clay	33	188
Owner: Mount Olivet Cemetery Driller: Layne-Texas Co.			Sand (good)	19	207
Topsoil	3	3	Clay, sandy	13	220
Clay, red	62	65	Sand	38	258
Sand, gray, fine	18	83	Clay, sandy	20	278
Clay, pink	89	172	Sand	24	302
Sand, gray, fine and shale	36	208	Clay, sandy	53	355
Shale, gray and sandy shale	69	277	Sand	35	390
Sand	15	292	Clay	2	392
Shale	64	356			
Sand, gray, fine (cut good)	33	389	<b>Well KH-65-40-714</b>		
Shale	12	401	Owner: Robert Doran Driller: Birdwell Water Well Service		
Shale, sandy	17	418	Clay	7	7
Sand, gray (cut good)	44	462	Sand	58	65
Shale	167	629	Clay	30	95
Sand, broken and shale	12	641	Sand	41	136
Sand, gray	64	705	Clay	75	211
			Sand, water	18	229
<b>Well KH-65-40-522</b>					
Owner: Texaco Corp. Driller: Lowry Water Wells			<b>Well KH-65-40-801</b>		
Surface and red clay	82	82	Owner: E. J. Martin Driller: Skripka Drilling Co.		
Sand, fine	38	120	Clay, red	42	42
Sand	24	144	Clay, blue	42	84
Sand (break)	26	170	Sand, blue	11	95
Sand	22	192			
Sand	17	209	<b>Well KH-65-48-103</b>		
Shale, sandy	4	213	Owner: Penrod Drilling Co. Driller: B & P Drilling Co.		
			Soil	4	4
<b>Well KH-65-40-523</b>			Clay	4	8
Owner: Pines Club Driller: Birdwell Water Well Service			Sand	10	18
Clay	80	80	Clay	27	45
Sand	15	95	Clay, sandy	29	74
Clay	3	98	Sand	5	79

**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-65-48-103—Continued</b>			<b>Well KH-65-48-204</b>		
Clay, sandy	33	112	Owner: City of Galveston Driller: Layne-Texas Co.		
Sand	14	126	Soil	2	2
Clay, sandy	62	188	Caliche	6	8
Lime, sandy	6	194	Clay	57	65
Clay, sandy	243	437	Sand	8	73
Sand and clay	10	447	Clay	20	93
Clay, sandy	212	659	Sand	25	118
Sand, fine	12	671	Clay and sand streaks	8	126
Clay, sandy	24	695	Clay	119	245
Clay	8	703	Clay, sandy	4	249
Sand and lime	27	730	Clay and sand streaks	12	261
Sand, fine	42	772	Shale, blue, soft	38	299
<b>Well KH-65-48-201</b>			Clay	12	311
Owner: City of Galveston Driller: Layne-Texas Co.			Shale, sandy and shale	214	525
Topsoil and clay	100	100	Shale, hard	52	577
Sand	20	120	Sand and shale streaks	10	587
Shale	18	138	Shale	8	595
Sand, fine	12	150	Sand and sandy shale	12	607
Shale, sticky and sea shells	388	538	Shale	28	635
Sand	10	548	Sand and sandy shale	9	644
Shale, hard, and sand streaks	30	578	Shale and sand streaks	49	693
Shale, sandy shale and lime streaks	123	701	Sand and shale (cut good)	97	790
Shale and sandy shale	15	716	Shale, hard, sandy	26	816
Sand (cut good)	34	750	Shale	9	825
Shale	5	755	<b>Well KH-65-48-301</b>		
Sand (cut good)	90	845	Owner: Galveston County Water Conservation and Improvement District No. 7 Driller: Layne-Texas Co.		
Shale	36	881	Clay, sandy	22	22
<b>Well KH-65-48-203</b>			Clay and sandy clay	41	63
Owner: Margaret Hunt Trust Estate Driller: Patterson			Clay	16	79
Surface	19	19	Sand, fine	31	110
Sand	21	40	Shale	46	156
Shale	58	98	Sand	25	181
Sand	8	106	Shale, sandy	17	198
Shale	563	669	Shale	29	227
Sand	57	726	Shale, sandy	4	231



**Table 3.—Drillers' Logs of Wells in Galveston County—Continued**

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
<b>Well KH-65-48-301—Continued</b>			Sand, fine	17	276
Shale and sandy shale	300	531	Shale	6	282
Sand with fine thin shale breaks	19	550	Sand, fine	17	299
Shale	34	584	Shale	11	310
Shale sandy and shale	112	696			
Sand	17	713			
Shale and sandy shale	18	731			
Sand and shale breaks	44	775			
<b>Well KH-65-56-801</b>					
Owner: Sea Isle, Well 1 Driller: Layne-Texas Co.					
Clay, sandy	40	40	Sand, surface	38	38
Shale, sandy	35	75	Clay, sandy	23	61
Shale, sandy and shell	72	147	Clay, red	6	67
Sand	7	154	Sand	5	72
Shale and sandy shale	105	259	Clay, blue	138	210
			Sand	11	221
			Clay, red	39	260
			Sand	40	300

**Well KH-65-56-802**  
Owner: Sea Isle, Well 2  
Driller: Jackson Drilling Co.

Table 4.--Chemical Analyses of Water From Wells in Galveston County

Analyses given are in milligrams per liter except percent sodium, SAR, RSC, specific conductance, pH, and temperature.

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-64-25-701	595- 645	May 9, 1966	15	0.07	7.4	1.8	227	1.2	368	0.4	153	1.1	0.2	0.34	589	26	95	19	5.51	1,040	7.7	25
	28-901	Aug. 24, 1966	--	--	--	--	--	--	576	--	470	--	--	--	--	460	--	--	.24	2,500	7.3	--
29-701	286	do	--	--	--	--	--	--	406	--	5,680	--	--	--	--	936	--	--	.00	16,600	6.8	--
	702	Aug. 25, 1966	--	--	--	--	--	--	363	--	5,680	--	--	--	--	916	--	--	.00	16,600	6.9	--
703	470	do	--	--	--	--	--	--	251	--	5,780	--	--	--	--	886	--	--	.00	16,800	6.7	--
33-101	310- 330	Oct. 1, 1963	19	.06	16	5.3	323	2.1	616	.0	194	.2	.5	.56	864	62	92	18	8.86	1,480	7.6	23
	101	Oct. 5, 1963	15	.04	8.8	2.4	250	1.5	424	.0	162	1.2	.0	.33	649	32	94	19	6.31	1,150	7.6	26
101	762- 782	Oct. 12, 1963	15	.02	11	3.0	415	1.6	520	.0	372	1.6	.2	.86	1,080	40	96	29	7.72	1,930	7.8	26
	101	Dec. 13, 1963	11	.07	5	2	* 224	--	404	--	124	--	--	--	565	20	--	--	--	1,000	8.1	25
101	577- 652	do	15	.04	5.5	1.8	* 224	--	400	.00	126	1.3	.0	--	571	21	96	2.1	6.14	1,000	7.3	26
	101	Nov. 8, 1966	--	--	--	--	--	--	400	--	130	--	--	--	--	24	--	--	6.08	1,010	7.5	--
33-102	575- 651	Feb. 7, 1964	10	.05	5	2	* 222	--	400	--	125	--	--	--	561	22	--	--	--	970	7.8	26
	102	do	15	.00	5.5	1.6	222	.8	398	.2	125	1.4	.0	--	568	20	96	22	6.12	991	8.0	26
103	565- 645	Nov. 17, 1964	13	.08	8.0	2.0	* 278	--	450	.0	186	--	--	--	708	28	--	--	--	1,250	8.0	--
	103	Nov. 20, 1964	17	.10	7.2	2.4	* 275	--	449	.4	180	1.3	.0	--	704	28	96	23	6.80	1,220	7.6	26
301	660- 680	Aug. 14, 1962	15	.24	6.8	2.1	256	1.4	542	.2	100	1.5	.0	.48	651	26	95	22	--	1,110	7.4	--
	301	July 17, 1963	17	.12	6.5	1.9	* 264	--	556	.2	98	1.5	.2	--	662	24	96	23	8.63	1,120	7.6	24
301	do	May 27, 1965	--	--	--	--	--	--	560	--	97	--	--	--	--	25	--	--	8.68	1,100	8.1	--
	301	May 11, 1966	--	--	--	--	--	--	566	--	93	--	--	--	--	22	--	--	8.84	1,120	7.7	--
301	do	Nov. 8, 1966	--	--	--	--	--	--	554	--	95	--	--	--	--	24	--	--	8.60	1,100	7.8	23
	301	May 9, 1967	--	--	--	--	--	--	548	--	95	--	--	--	--	25	--	--	8.48	1,100	7.9	--
301	do	May 7, 1968	--	--	--	--	--	--	512	--	95	--	--	--	--	29	--	--	8.54	1,120	8.5	--
	301	Nov. 12, 1968	--	--	--	--	--	--	566	--	95	--	--	--	--	22	--	--	8.84	1,130	7.8	25
301	do	May 12, 1969	--	--	--	--	--	--	554	--	97	--	--	--	--	24	--	--	8.60	1,100	7.9	24
	301	Nov. 6, 1969	--	--	--	--	--	--	556	--	99	--	--	--	--	24	--	--	8.63	1,100	8.1	24
402	613- 627	Jan. 12, 1966	15	6.7	9	4	* 274	--	420	1	204	--	--	--	714	37	--	--	--	1,230	8.5	--
	402	Jan. 13, 1966	27	.70	9	2	* 271	--	398	0	224	--	--	--	739	32	--	--	--	1,250	8.5	--
402	826- 849	Jan. 14, 1966	16	.43	20	5	* 281	--	390	0	525	--	--	--	1,210	69	--	--	--	2,270	8.3	--
	402	Feb. 11, 1966	12	.15	8	2	* 456	--	412	0	200	--	--	--	696	30	--	--	--	1,210	8.1	--

See footnotes at end of table.

Table 4.---Chemical Analyses of Water From Wells in Galveston County---Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-66-33-701	310- 725	July 18, 1963	19	0.05	6.0	2.4	264	1.4	424	0	184	1.2	0.2	0.42	687	25	96	23	6.45	1,220	7.3	--
701	do	May 11, 1964	--	--	--	--	--	--	† 452	--	173	--	--	--	--	24	--	--	5.49	1,200	8.6	--
701	do	May 18, 1966	--	--	--	--	--	--	430	--	193	--	--	--	--	26	--	--	6.53	1,250	8.2	--
701	do	Nov. 10, 1966	--	--	--	--	--	--	446	--	180	--	--	--	--	82	--	--	5.67	1,230	7.5	25
701	do	May 19, 1967	--	--	--	--	--	--	446	--	181	--	--	--	--	29	--	--	6.73	1,220	7.7	26
701	do	May 10, 1968	--	--	--	--	--	--	420	--	185	--	--	--	--	36	--	--	6.69	1,260	8.4	26
701	do	Nov. 8, 1968	--	--	--	--	--	--	454	--	188	--	--	--	--	28	--	--	6.88	1,230	7.9	26
701	do	May 8, 1969	--	--	--	--	--	--	446	--	194	--	--	--	--	30	--	--	6.71	1,260	7.7	25
701	do	Nov. 12, 1969	--	--	--	--	--	--	450	--	199	--	--	--	--	30	--	--	6.78	1,250	7.9	25
707	500 ±	Jan. 31, 1953	--	--	--	--	--	--	† 411	--	188	--	--	--	--	19	--	--	--	1,180	8.5	--
707	500 ±	May 14, 1954	--	--	--	--	--	--	† 427	--	185	--	--	--	--	22	--	--	--	1,210	8.9	--
707	500 ±	May 9, 1955	--	--	--	--	--	--	--	--	181	--	--	--	--	--	--	--	--	1,210	--	--
708	578- 700	May 14, 1954	--	--	--	--	--	--	† 419	--	220	--	--	--	--	52	--	--	--	1,310	8.8	--
708	do	May 9, 1955	--	--	--	--	--	--	† 430	--	178	--	--	--	--	28	--	--	--	1,230	8.5	--
708	do	May 11, 1956	--	--	--	--	--	--	† 362	--	225	--	--	--	--	30	--	--	--	1,260	8.5	--
708	do	May 16, 1958	--	--	--	--	--	--	360	--	240	--	--	--	--	34	--	--	--	1,280	8.0	--
801	530- 755	do	--	--	--	--	--	--	479	--	210	--	--	--	--	28	--	--	--	1,360	8.2	--
801	do	May 12, 1959	--	--	--	--	--	--	† 480	--	200	--	--	--	--	21	--	--	--	1,370	8.7	--
801	do	May 3, 1960	--	--	--	--	--	--	476	--	205	--	--	--	--	20	--	--	--	1,360	7.9	--
801	do	Nov. 16, 1960	--	--	--	--	--	--	468	--	205	--	--	--	--	21	--	--	--	1,350	7.5	--
801	do	May 4, 1961	--	--	--	--	--	--	478	--	202	--	--	--	--	22	--	--	--	1,340	7.8	--
801	do	Aug. 11, 1961	--	--	--	--	--	--	478	--	210	--	--	--	--	21	--	--	--	1,340	8.0	--
801	do	May 1, 1962	--	--	--	--	--	--	474	--	212	--	--	--	--	22	--	--	--	1,340	7.9	--
801	do	July 26, 1962	16	.02	5.5	2.5	297	1.5	474	.0	205	1.1	.0	.48	762	24	96	26	--	1,370	7.7	27
801	do	July 18, 1963	16	.02	5.5	2.1	296	1.5	480	.2	200	1.2	1.0	.48	760	22	96	27	7.43	1,360	7.8	27
801	do	Nov. 6, 1964	--	--	--	--	--	--	† 492	--	208	--	--	--	--	35	--	--	--	1,360	8.5	27
801	do	May 21, 1965	--	--	--	--	--	--	† 486	--	198	--	--	--	--	22	--	--	7.51	1,320	8.8	27
801	do	May 19, 1967	--	--	--	--	--	--	468	--	205	--	--	--	--	26	--	--	7.15	1,340	7.4	27
801	do	May 16, 1969	--	--	--	--	--	--	478	--	210	--	--	--	--	23	--	--	--	1,380	7.8	27

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
KH-64-33-801	530- 755	Nov. 12, 1969	--	--	--	--	--	--	476	--	215	--	--	--	--	24	--	--	7.32	1,320	7.9	27
802	325- 690	May 12, 1959	--	--	--	--	--	--	† 490	--	160	--	--	--	--	31	--	--	--	1,240	8.8	--
802	do	Sept. 11, 1961	--	--	--	--	--	--	464	--	165	--	--	--	--	28	--	--	--	1,210	8.1	--
802	do	July 26, 1962	21	0.06	6.5	2.9	271	1.2	494	0.0	155	1.2	0.2	0.52	703	28	95	22	7.60	1,150	7.9	24
802	do	May 19, 1967	--	--	--	--	--	--	504	--	146	--	--	--	--	33	--	--	7.57	1,190	7.5	24
803	434- 700	July 18, 1963	16	--	7.0	2.6	340	1.8	496	.0	265	1.0	1.0	.52	879	28	96	28	7.00	1,560	7.7	27
803	do	May 21, 1965	--	--	--	--	--	--	† 472	--	345	--	--	--	--	36	--	--	7.00	1,740	8.8	--
803	do	May 18, 1966	--	--	--	--	--	--	472	--	355	--	--	--	--	37	--	--	7.00	1,810	7.9	--
803	do	May 19, 1967	--	--	--	--	--	--	438	--	348	--	--	--	--	38	--	--	6.75	1,760	8.0	--
804	510- 775	Apr. 26, 1963	23	.05	6.0	3.0	* 266	--	373	0	212	--	--	--	693	26	--	--	1,240	8.2	--	
804	do	May 11, 1964	26	.03	7.0	2.3	274	1.6	350	0	240	.9	.8	.31	725	27	95	23	5.20	1,310	8.0	--
804	do	May 21, 1965	--	--	--	--	--	--	† 348	--	348	--	--	--	--	48	--	--	4.76	1,600	8.6	28
804	do	Nov. 12, 1965	--	--	--	--	--	--	356	--	390	--	--	--	--	52	--	--	4.79	1,760	7.7	28
804	do	May 18, 1966	--	--	--	--	--	--	350	--	448	--	--	--	--	63	--	--	4.48	1,940	7.7	28
804	do	Nov. 10, 1966	--	--	--	--	--	--	354	--	435	--	--	--	--	82	--	--	4.16	1,890	7.6	27
804	do	May 19, 1967	--	--	--	--	--	--	360	--	458	--	--	--	--	75	--	--	4.40	1,960	7.7	27
804	do	May 19, 1968	--	--	--	--	--	--	324	--	570	--	--	--	--	97	--	--	3.64	2,230	8.3	28
804	do	May 8, 1969	--	--	--	--	--	--	338	--	540	--	--	--	--	93	--	--	3.68	2,160	7.7	28
804	do	Nov. 12, 1969	--	--	--	--	--	--	350	--	560	--	--	--	--	88	--	--	3.98	2,170	7.9	28
807	309- 695	May 19, 1967	--	--	--	--	--	--	572	--	262	--	--	--	--	40	--	--	8.58	1,660	7.6	26
901	504- 770	May 16, 1958	--	--	--	--	--	--	467	--	270	--	--	--	--	30	--	--	--	1,510	7.7	--
901	do	July 26, 1962	17	.07	7.5	3.3	353	1.9	470	.6	302	1.7	.60	.60	919	32	96	27	1,560	7.9	27	
902	659- 760	May 7, 1953	--	--	--	--	--	--	† 485	--	200	--	--	--	--	32	--	--	--	1,350	9.0	--
902	do	May 14, 1954	--	--	--	--	--	--	† 464	--	200	--	--	--	--	21	--	--	--	1,320	8.8	--
902	do	Nov. 23, 1954	--	--	--	--	--	--	† 460	--	200	--	--	--	--	26	--	--	--	1,320	8.5	--
902	do	May 9, 1955	--	--	--	--	--	--	--	--	198	--	--	--	--	--	--	--	--	1,340	--	--
902	do	Nov. 10, 1955	--	--	--	--	--	--	† 457	--	205	--	--	--	--	24	--	--	--	1,320	8.7	--
902	do	May 7, 1956	--	--	--	--	--	--	† 458	--	212	--	--	--	--	22	--	--	--	1,360	8.6	--
902	do	Nov. 7, 1956	--	--	--	--	--	--	† 480	--	218	--	--	--	--	28	--	--	--	1,390	8.8	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
KH-64-33-902	659- 760	May 16, 1958	--	--	--	--	--	--	459	--	205	--	--	--	--	27	--	--	--	1,310	8.0	--
902	do	May 12, 1959	--	--	--	--	--	--	† 458	--	195	--	--	--	--	24	--	--	--	1,320	8.7	--
902	do	Nov. 3, 1959	--	--	--	--	--	--	452	--	205	--	--	--	--	23	--	--	--	1,310	7.9	--
902	do	May 3, 1960	--	--	--	--	--	--	454	--	200	--	--	--	--	24	--	--	--	1,310	8.1	--
902	do	Nov. 16, 1960	--	--	--	--	--	--	446	--	200	--	--	--	--	23	--	--	--	1,310	7.6	--
902	do	May 4, 1961	--	--	--	--	--	--	458	--	220	--	--	--	--	22	--	--	--	1,390	8.1	--
902	do	Aug. 11, 1961	--	--	--	--	--	--	450	--	200	--	--	--	--	23	--	--	--	1,310	8.0	27
902	do	May 1, 1962	--	--	--	--	--	--	444	--	218	--	--	--	--	26	--	--	--	1,300	7.5	--
902	do	Nov. 15, 1962	--	--	--	--	--	--	456	--	208	--	--	--	--	24	--	--	--	1,320	7.7	27
902	do	Nov. 12, 1965	--	--	--	--	--	--	460	--	215	--	--	--	--	25	--	--	7.04	1,350	7.7	--
902	do	May 19, 1967	--	--	--	--	--	--	446	--	211	--	--	--	--	26	--	--	6.79	1,320	7.6	27
902	do	May 10, 1968	--	--	--	--	--	--	448	--	218	--	--	--	--	30	--	--	6.74	1,350	7.9	27
902	do	Nov. 8, 1968	--	--	--	--	--	--	484	--	210	--	--	--	--	24	--	--	7.45	1,290	8.1	27
902	do	May 8, 1969	--	--	--	--	--	--	456	--	212	--	--	--	--	26	--	--	6.95	1,320	7.8	--
903	548- 769	Nov. 16, 1953	--	--	--	--	--	--	† 434	--	270	--	--	--	--	27	--	--	--	1,440	8.5	--
903	do	Nov. 23, 1954	--	--	--	--	--	--	438	--	284	--	--	--	--	32	--	--	--	1,550	7.9	--
903	do	May 16, 1958	--	--	--	--	--	--	444	--	318	--	--	--	--	37	--	--	--	1,550	8.1	--
903	do	July 18, 1963	28	0.09	15	5.0	414	2.3	360	0.2	480	0.8	0.8	0.42	1,120	58	94	4.74	2,020	7.7	28	
903	do	May 19, 1967	--	--	--	--	--	--	424	--	302	--	--	--	--	39	--	--	6.17	1,570	7.4	--
903	do	May 10, 1968	--	--	--	--	--	--	408	--	292	--	--	--	--	39	--	--	6.38	1,560	8.3	28
903	do	Nov. 8, 1968	--	--	--	--	--	--	440	--	290	--	--	--	--	34	--	--	6.53	1,520	7.9	--
904	552- 759	May 7, 1953	--	--	--	--	--	--	† 484	--	222	--	--	--	--	28	--	--	--	1,430	8.9	--
904	do	Nov. 6, 1953	--	--	--	--	--	--	† 469	--	225	--	--	--	--	23	--	--	--	1,350	8.5	--
904	do	May 14, 1954	--	--	--	--	--	--	† 475	--	228	--	--	--	--	20	--	--	--	1,420	8.8	--
904	do	Nov. 23, 1954	--	--	--	--	--	--	470	--	241	--	--	--	--	40	--	--	--	1,460	8.1	--
904	do	May 9, 1955	--	--	--	--	--	--	--	--	228	--	--	--	--	--	--	--	--	1,430	--	--
904	do	Nov. 10, 1955	--	--	--	--	--	--	† 477	--	230	--	--	--	--	25	--	--	--	1,420	8.6	--
904	do	May 7, 1956	--	--	--	--	--	--	† 472	--	232	--	--	--	--	26	--	--	--	1,430	8.6	--
904	do	May 3, 1960	--	--	--	--	--	--	474	--	230	--	--	--	--	24	--	--	--	1,430	7.8	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SOLIDUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
KH-64-33-904	552- 759	Nov. 16, 1960	--	--	--	--	--	--	470	--	235	--	--	--	--	24	--	--	--	1,440	7.6	--
904	do	July 26, 1962	15	0.05	6.5	3.0	314	1.8	470	0.0	238	1.1	0.2	0.48	811	28	96	26	--	1,480	7.8	27
904	do	Nov. 6, 1964	--	--	--	--	--	--	488	--	240	--	--	--	--	34	--	--	--	1,460	8.6	27
904	do	Nov. 12, 1965	--	--	--	--	--	--	472	--	248	--	--	--	--	30	--	--	7.14	1,480	7.6	27
904	do	Nov. 10, 1966	--	--	--	--	--	--	462	--	245	--	--	--	--	28	--	--	7.01	1,460	7.6	27
904	do	May 10, 1968	--	--	--	--	--	--	448	--	243	--	--	--	--	31	--	--	7.39	1,460	8.5	27
904	do	Nov. 8, 1968	--	--	--	--	--	--	486	--	232	--	--	--	--	26	--	--	7.45	1,450	7.9	27
904	do	May 14, 1969	--	--	--	--	--	--	508	--	240	--	--	--	--	28	--	--	7.77	1,480	8.0	27
904	do	Nov. 12, 1969	--	--	--	--	--	--	478	--	250	--	--	--	--	28	--	--	7.27	1,420	7.9	27
905	511- 760	Nov. 16, 1953	--	--	--	--	--	--	† 448	--	240	--	--	--	--	24	--	--	--	1,390	8.5	--
905	do	May 16, 1958	--	--	--	--	--	--	495	--	210	--	--	--	--	25	--	--	--	1,370	8.1	--
905	do	May 12, 1959	--	--	--	--	--	--	† 496	--	200	--	--	--	--	25	--	--	--	1,390	8.7	--
905	do	Aug. 11, 1961	--	--	--	--	--	--	498	--	205	--	--	--	--	23	--	--	--	1,360	8.1	27
905	do	July 26, 1962	16	.03	5.5	2.7	302	1.5	490	.2	205	1.2	.2	.55	776	24	96	27	--	1,380	7.9	27
905	do	July 18, 1963	--	--	--	--	--	--	488	--	215	--	--	--	--	24	--	--	7.52	1,340	7.7	27
905	do	Nov. 6, 1964	--	--	--	--	--	--	† 492	--	218	--	--	--	--	26	--	--	--	1,390	8.9	27
905	do	May 21, 1965	--	--	--	--	--	--	† 494	--	210	--	--	--	--	27	--	--	7.55	1,380	8.7	27
905	do	Nov. 12, 1965	--	--	--	--	--	--	488	--	220	--	--	--	--	23	--	--	7.54	1,410	7.5	27
905	do	May 19, 1967	--	--	--	--	--	--	468	--	211	--	--	--	--	24	--	--	7.19	1,350	7.4	27
905	do	May 8, 1969	--	--	--	--	--	--	488	--	212	--	--	--	--	24	--	--	7.52	1,410	7.7	27
905	do	Nov. 12, 1969	--	--	--	--	--	--	488	--	220	--	--	--	--	24	--	--	7.52	1,370	8.0	27
907	462- 785	May 8, 1953	--	--	--	--	--	--	† 529	--	235	--	--	--	--	26	--	--	--	1,740	8.9	--
907	do	May 13, 1954	--	--	--	--	--	--	† 540	--	232	--	--	--	--	20	--	--	--	1,520	8.8	--
907	do	May 9, 1955	--	--	--	--	--	--	--	--	235	--	--	--	--	--	--	--	--	1,560	--	--
907	do	May 8, 1956	--	--	--	--	--	--	† 534	--	238	--	--	--	--	24	--	--	--	1,530	8.6	--
907	do	May 3, 1960	--	--	--	--	--	--	540	--	210	--	--	--	--	22	--	--	--	1,440	8.0	--
907	do	July 30, 1962	17	.07	5.5	2.3	332	1.6	508	.0	238	1.1	.2	.52	848	23	97	30	--	1,540	7.5	28
908	679- 758	Nov. 16, 1953	--	--	--	--	--	--	† 524	--	230	--	--	--	--	24	--	--	--	1,470	8.5	--
912	470- 761	Aug. 16, 1967	14	.26	8	3	* 400	--	619	.0	281	--	--	--	33	--	--	--	--	1,770	8.0	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SOLIDUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM-CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-64-34-901	846- 886	July 8, 1965	17	0.01	13	5.7	630	2.6	504	0.4	736	0.9	0.5	0.69	1,660	56	96	37	7.14	3,110	7.4	--
901	do	Aug. 23, 1966	15	--	11	4.5	646	2.6	504	.4	740	--	.2	--	1,670	46	97	41	7.34	3,090	7.6	--
35-605	463- 471	Oct. 3, 1966	8.7	.15	15	6.9	670	3.0	530	.8	800	--	.5	--	1,770	66	95	36	7.37	3,280	7.8	24
507	450	do	17	.23	22	10	725	3.7	638	1.4	820	--	.5	--	1,910	98	94	32	8.50	3,430	7.4	26
601	28	Aug. 23, 1966	--	--	--	--	--	--	380	--	1,980	--	--	--	--	940	--	--	.0	6,550	7.2	--
602	17	do	--	--	--	--	--	--	244	--	480	--	--	--	--	340	--	--	.0	2,020	7.4	--
603	16	Aug. 2, 1966	--	--	--	--	--	--	484	--	530	--	--	--	--	370	--	--	.53	2,610	7.6	--
36-201	270	Aug. 24, 1966	16	--	66	35	1,360	7.9	588	16	1,950	--	.5	--	3,740	308	90	34	3.47	6,650	7.4	--
202	211- 274	do	15	--	27	13	1,150	5.0	612	13	1,480	--	.5	--	3,000	121	95	45	7.61	5,380	7.5	--
41-102	412- 840	Jan. 31, 1953	26	.03	16	6.2	326	--	354	1	342	.5	.2	--	895	66	--	--	--	1,590	7.7	--
102	do	May 8, 1953	--	--	--	--	--	--	† 365	--	370	--	--	--	--	66	--	--	--	1,740	8.8	--
102	do	May 14, 1954	--	--	--	--	--	--	† 356	--	380	--	--	--	--	55	--	--	--	1,730	8.7	--
102	do	May 9, 1955	--	--	--	--	--	--	† 337	--	495	--	--	--	--	76	--	--	--	2,060	8.3	--
102	do	May 11, 1956	--	--	--	--	--	--	† 346	--	338	--	--	--	--	52	--	--	--	1,580	8.5	--
102	do	May 16, 1958	--	--	--	--	--	--	342	--	450	--	--	--	--	70	--	--	--	1,880	8.2	--
102	do	May 6, 1959	--	--	--	--	--	--	† 348	--	400	--	--	--	--	62	--	--	--	1,810	8.7	--
102	do	Apr. 29, 1960	--	--	--	--	--	--	354	--	340	--	--	--	--	54	--	--	--	1,610	7.7	--
102	do	May 5, 1961	--	--	--	--	--	--	360	--	335	--	--	--	--	54	--	--	--	1,600	8.1	--
102	do	Aug. 16, 1961	--	--	--	--	--	--	346	--	540	--	--	--	--	94	--	--	--	2,170	7.4	--
102	do	July 26, 1962	--	--	--	--	--	--	338	--	540	--	--	--	--	82	--	--	--	2,100	8.1	27
102	do	May 18, 1964	--	--	--	--	--	--	340	--	570	--	--	--	--	88	--	--	3.81	2,260	7.4	28
102	do	May 27, 1965	--	--	--	--	--	--	340	--	550	--	--	--	--	82	--	--	3.93	2,130	8.2	--
102	do	May 13, 1966	--	--	--	--	--	--	340	--	590	--	--	--	--	90	--	--	3.77	2,350	7.7	28
102	do	May 14, 1969	26	.11	20	6.5	430	2.2	346	.0	512	.8	1.4	.33	1,170	76	92	21	4.14	2,120	7.8	--
103	321- 850	Jan. 29, 1953	--	--	--	--	--	--	† 371	--	165	--	--	--	--	29	--	--	--	1,050	8.6	--
103	do	May 14, 1954	--	--	--	--	--	--	† 367	--	175	--	--	--	--	24	--	--	--	1,120	8.7	--
103	do	May 9, 1955	--	--	--	--	--	--	† 371	--	188	--	--	--	--	34	--	--	--	1,160	8.6	--
103	do	May 11, 1956	--	--	--	--	--	--	† 368	--	200	--	--	--	--	34	--	--	--	1,190	8.5	--
103	do	May 16, 1958	--	--	--	--	--	--	† 395	--	188	--	--	--	--	35	--	--	--	1,170	8.1	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (CL)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SOLIDUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-64-61-103	321- 850	May 6, 1959	--	--	--	--	--	--	390	0.0	197	--	--	--	--	38	--	--	--	1,230	8.5	--
103	do	Apr. 28, 1960	--	--	--	--	--	--	396	--	200	--	--	--	--	36	--	--	--	1,230	8.1	--
103	do	May 5, 1961	--	--	--	--	--	--	354	--	248	--	--	--	--	46	--	--	--	1,330	8.2	--
103	do	Aug. 16, 1961	--	--	--	--	--	--	366	--	250	--	--	--	--	46	--	--	--	1,330	8.0	--
103	do	July 26, 1962	--	--	--	--	--	--	388	--	216	--	--	--	--	43	--	--	--	1,220	8.0	27
103	do	May 18, 1964	21	0.04	12	3.6	262	1.6	388	0.0	218	0.8	0.2	0.33	711	45	92	17	5.46	1,290	7.5	27
103	do	May 27, 1965	--	--	--	--	--	--	290	--	288	--	--	--	--	59	--	--	3.57	1,440	7.5	--
103	do	May 18, 1966	--	--	--	--	--	--	398	--	240	--	--	--	--	50	--	--	5.52	1,350	7.5	27
103	do	May 14, 1969	--	--	--	--	--	--	264	--	385	--	--	--	--	71	--	--	2.91	1,600	7.0	28
114	593- 616	Feb. 14, 1966	12	.11	8	2	* 280	--	417	.0	188	--	--	--	712	27	--	--	--	1,260	8.4	23
114	530- 622	Feb. 22, 1966	13	.17	7	2	* 292	--	475	.0	192	--	--	--	740	26	--	--	--	1,320	8.2	24
202	815- 825	Sept. 1, 1956	20	.4	24	8.6	* 423	--	334	.2	524	--	--	--	1,160	95	--	--	--	--	8.2	--
202	316- 710	May 16, 1958	--	--	--	--	--	--	457	--	162	--	--	--	--	24	--	--	--	1,170	8.2	--
202	do	Apr. 28, 1960	--	--	--	--	--	--	† 426	--	175	--	--	--	--	20	--	--	--	1,200	8.4	--
202	do	July 26, 1962	15	.07	4.5	2.2	264	1.2	424	.0	168	1.0	.0	.45	664	20	96	26	--	1,210	7.8	27
303	897-1,004	May 7, 1956	--	--	--	--	--	--	† 368	--	1,100	--	--	--	--	118	--	--	--	3,820	8.5	--
303	do	May 13, 1958	--	--	--	--	--	--	363	--	1,080	--	--	--	--	112	--	--	--	3,790	8.0	--
303	do	May 14, 1959	--	--	--	--	--	--	† 328	--	1,040	--	--	--	--	82	--	--	--	3,750	8.4	--
303	do	May 4, 1960	--	--	--	--	--	--	354	--	1,040	--	--	--	--	109	--	--	--	3,740	7.6	--
303	do	May 9, 1962	--	--	--	--	--	--	370	--	990	--	--	--	--	106	--	--	--	3,510	8.0	--
303	do	May 11, 1964	27	--	27	11	* 758	--	356	.0	1,040	.8	.2	--	2,040	112	94	31	3.58	3,700	8.0	--
303	do	May 14, 1968	--	--	--	--	--	--	348	--	1,090	--	--	--	--	129	--	--	--	3,750	8.1	29
305	900-1,006	Nov. 13, 1956	--	--	--	--	--	--	† 361	--	1,030	--	--	--	--	125	--	--	--	3,640	8.5	--
305	do	May 4, 1961	--	--	--	--	--	--	358	--	900	--	--	--	--	103	--	--	--	3,310	7.8	--
305	do	May 9, 1963	--	--	--	--	--	--	354	--	880	--	--	--	--	103	--	--	3.74	3,090	7.8	--
305	do	May 12, 1966	--	--	--	--	--	--	368	--	900	--	--	--	--	106	--	--	3.91	3,330	7.4	29
305	do	May 7, 1969	--	--	--	--	--	--	352	--	940	--	--	--	--	126	--	--	3.25	3,370	7.8	30
306	475- 650	May 7, 1956	--	--	--	--	--	--	† 594	--	199	--	--	--	--	25	--	--	--	1,490	8.7	--
306	do	May 13, 1958	--	--	--	--	--	--	† 637	--	202	--	--	--	--	26	--	--	--	1,470	8.3	--

See footnotes at end of table.



Table 4.---Chemical Analyses of Water From Wells in Galveston County---Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NT-TRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	HARDNESS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTIVITY (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-64-41-306	475- 650	May 14, 1959	--	--	--	--	--	--	† 598	--	192	--	--	--	--	26	--	--	--	1,500	8.7	--
306	do	May 4, 1960	--	--	--	--	--	--	592	--	195	--	--	--	--	26	--	--	--	1,480	7.7	--
306	do	May 4, 1961	--	--	--	--	--	--	† 598	--	198	--	--	--	--	25	--	--	--	1,490	8.4	--
306	do	May 9, 1962	--	--	--	--	--	--	604	--	202	--	--	--	--	26	--	--	--	1,480	8.0	--
306	do	Nov. 15, 1962	--	--	--	--	--	--	598	--	205	--	--	--	--	26	--	--	--	1,500	7.7	--
306	do	May 11, 1964	--	--	--	--	--	--	† 610	--	205	--	--	--	--	26	--	--	8.27	1,510	8.6	--
306	do	May 27, 1965	--	--	--	--	--	--	612	--	202	--	--	--	--	28	--	--	9.47	1,500	8.2	--
306	do	May 12, 1966	--	--	--	--	--	--	614	--	200	--	--	--	--	26	--	--	9.54	1,520	8.0	--
306	do	May 17, 1967	--	--	--	--	--	--	590	--	194	--	--	--	--	27	--	--	9.13	1,460	7.8	26
306	do	May 7, 1969	--	--	--	--	--	--	600	--	205	--	--	--	--	28	--	--	9.27	1,480	8.0	27
307	484- 624	May 12, 1966	15	1.6	6.2	2.3	338	1.6	612	0.4	200	1.4	1.0	0.65	869	25	96	9.53	1,520	7.6	--	
307	do	May 17, 1967	--	--	--	--	--	--	624	--	238	--	--	--	--	30	--	--	9.63	1,640	7.4	--
307	do	May 14, 1968	--	--	--	--	--	--	584	--	225	--	--	--	--	33	--	--	9.58	1,600	8.4	--
307	do	May 7, 1969	--	--	--	--	--	--	602	--	202	--	--	--	--	27	--	--	9.33	1,490	7.9	28
308	450- 738	May 8, 1953	--	--	--	--	--	--	† 567	--	208	--	--	--	--	26	--	--	--	1,530	8.8	--
308	do	May 13, 1954	--	--	--	--	--	--	† 553	--	212	--	--	--	--	21	--	--	--	1,460	8.8	--
309	824- 989	May 12, 1966	--	--	--	--	--	--	362	--	970	--	--	--	--	126	--	--	3.41	3,530	7.5	--
309	do	May 14, 1968	--	--	--	--	--	--	346	--	950	--	--	--	--	135	--	--	2.97	3,440	8.1	29
309	do	May 14, 1969	--	--	--	--	--	--	352	--	920	--	--	--	--	129	--	--	3.19	3,440	7.7	29
310	852-1,007	May 8, 1953	--	--	--	--	--	--	† 318	--	960	--	--	--	--	100	--	--	--	3,400	8.6	--
310	do	May 13, 1954	--	--	--	--	--	--	† 347	--	970	--	--	--	--	130	--	--	--	3,470	8.8	--
310	do	May 8, 1956	--	--	--	--	--	--	† 351	--	910	--	--	--	--	121	--	--	--	3,370	8.5	--
310	do	July 18, 1963	30	.05	27	11	* 665	--	352	.8	900	--	.2	--	1,810	112	93	3.52	3,230	7.6	29	
310	do	May 19, 1964	29	--	28	10	* 666	--	350	.0	900	.8	.2	--	1,810	111	93	3.52	3,290	7.3	29	
42-303	819-1,018	Aug. 23, 1966	17	--	14	6.1	716	3.2	448	1.6	900	--	.5	--	1,880	60	96	6.14	3,480	7.5	--	
49-207	380- 410	Apr. 16, 1969	12	.17	16	9	* 504	--	749	2.0	394	--	--	--	1,300	75	--	--	2,240	8.0	--	
207	do	Nov. 17, 1969	22	.47	16	8.8	496	3.6	737	.4	388	.2	.4	.85	1,300	76	93	10.6	2,260	7.9	--	
401	243- 312	May 15, 1969	15	.68	22	20	644	5.2	624	1.0	725	--	2.5	.90	1,740	138	91	7.48	3,120	7.5	--	
401	do	Nov. 17, 1969	--	--	--	--	--	--	690	--	620	--	--	--	--	145	--	--	8.41	2,770	7.9	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS CaCO <sub>3</sub>	PERCENT SOLIDUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-64-49-501	587- 640	Nov. 15, 1957	--	--	--	--	--	--	† 616	--	1,100	--	--	--	--	111	--	--	--	4,160	8.4	--
	do	May 8, 1961	--	--	--	--	--	--	614	--	1,090	--	--	--	--	111	--	--	--	4,130	7.8	--
J/ 65-31-707	520- 635	Jan. 7, 1967	17	0.05	21	3	* 115	--	311	0.0	42	--	--	--	351	64	--	--	--	578	7.7	24
	485- 535	Nov. 10, 1959	--	--	--	--	--	--	305	--	44	--	--	--	--	74	--	--	--	--	592	7.7
801	do	Aug. 15, 1961	26	.68	16	5.1	137	0.9	316	15	45	10	--	0.01	411	61	83	7.6	--	667	7.0	24
	do	Nov. 5, 1962	--	--	--	--	--	--	--	--	45	.8	--	--	--	--	--	--	--	--	592	--
801	do	May 19, 1964	21	--	20	3.9	110	1.3	304	--	60	.9	0.2	.14	346	66	78	5.9	3.66	592	7.6	24
	do	May 19, 1966	23	.22	18	3.8	111	1.2	305	.4	60	.8	.2	.17	349	60	80	6.2	3.79	595	7.7	24
801	do	May 17, 1968	--	--	--	--	--	--	308	--	38	--	--	--	--	67	--	--	3.71	583	8.2	25
	do	May 14, 1969	--	--	--	--	--	--	306	--	39	--	--	--	--	65	--	--	3.72	599	7.9	25
805	460- 610	May 19, 1964	20	--	24	4.9	100	1.5	298	--	40	.6	--	.11	338	80	73	4.9	3.28	581	7.6	24
	do	May 19, 1966	--	--	--	--	--	--	306	--	53	--	--	--	--	84	--	--	3.34	620	7.6	25
J/ 32-516	507- 551	July 17, 1963	26	.02	7.5	2.1	229	1.8	368	.2	160	1.5	--	.35	609	27	94	19	5.49	1,090	7.4	25
	615- 640	May 23, 1966	25	.07	8	2.0	* 233	--	377	--	160	--	--	--	613	28	--	--	--	1,070	8.3	--
J/ 524	610- 690	June 10, 1966	26	.27	8	2.0	* 245	--	390	--	170	--	--	--	643	27	--	--	--	1,090	7.7	--
	410- 525	May 19, 1964	19	.06	8.5	2.2	164	1.0	328	--	87	.9	--	.21	444	30	92	13	4.78	773	7.8	24
713	440- 680	do	20	.02	10	2.7	231	1.3	334	--	192	.9	--	.27	622	36	93	17	4.75	1,110	7.7	25
	568- 590	May 4, 1954	32	--	11	3.1	* 144	--	312	1.0	68	.2	.5	--	415	40	--	--	--	680	7.9	--
716	do	Nov. 10, 1958	--	--	--	--	--	--	307	--	70	--	--	--	--	41	--	--	--	690	8.2	--
	do	Nov. 6, 1959	--	--	--	--	--	--	307	--	70	--	--	--	--	40	--	--	--	681	7.5	--
716	do	May 1, 1961	--	--	--	--	--	--	348	--	68	--	--	--	--	42	--	--	--	680	7.2	--
	do	May 4, 1964	--	--	--	--	--	--	316	--	69	--	--	--	--	41	--	--	--	685	7.8	--
716	do	May 26, 1965	--	--	--	--	--	--	320	--	70	--	--	--	--	40	--	--	--	676	7.8	--
	do	Nov. 18, 1965	--	--	--	--	--	--	316	--	67	--	--	--	--	40	--	--	4.38	690	7.4	--
716	do	Nov. 7, 1966	--	--	--	--	--	--	308	--	69	--	--	--	--	47	--	--	4.11	675	7.5	--
	do	May 8, 1967	--	--	--	--	--	--	304	--	64	--	--	--	--	41	--	--	4.16	663	7.9	--
716	do	May 7, 1968	--	--	--	--	--	--	288	--	65	--	--	--	--	42	--	--	4.28	675	8.3	--
	do	Nov. 14, 1968	--	--	--	--	--	--	322	--	63	--	--	--	--	38	--	--	4.52	690	7.7	--
716	do	May 12, 1969	--	--	--	--	--	--	314	--	66	--	--	--	--	41	--	--	4.69	669	7.6	--
	do	Nov. 5, 1969	--	---	--	--	--	--	314	--	67	--	--	--	--	40	--	--	4.35	664	8.1	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PER-CENT SO-DIUM RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-65-32-720	385- 588	May 4, 1959	--	--	--	--	--	--	† 352	--	97	--	--	--	--	30	--	--	853	8.4	--
	720	Aug. 16, 1961	--	--	--	--	--	--	348	--	96	--	--	--	--	30	--	--	824	7.3	--
720	do	July 30, 1962	17	0.02	8.2	2.7	182	0.8	348	0.2	95	1.0	--	0.28	478	32	14	--	850	7.8	24
	726	Aug. 16, 1961	--	--	--	--	--	--	328	--	198	--	--	--	--	36	--	--	1,130	7.7	--
901	430- 560	May 4, 1959	--	--	--	--	--	--	† 390	--	154	--	--	--	--	36	--	--	1,150	8.6	--
	901	July 23, 1962	14	.01	9.2	2.7	218	.9	380	--	135	1.2	--	.42	568	34	16	--	1,030	8.0	24
901	do	May 26, 1965	--	--	--	--	--	--	368	--	154	--	--	--	--	77	--	4.49	1,020	7.9	--
	901	May 13, 1966	--	--	--	--	--	--	408	--	128	--	--	--	--	50	--	5.69	1,010	7.5	--
901	do	May 16, 1968	--	--	--	--	--	--	374	--	130	--	--	--	--	38	--	5.77	1,010	8.3	--
	902	Aug. 11, 1961	--	--	--	--	--	--	364	--	134	--	--	--	--	30	--	--	960	7.8	--
902	520- 575	July 23, 1962	17	.02	7.8	3.0	213	.8	366	--	137	1.1	--	.40	560	32	16	--	928	7.3	24
	902	May 8, 1964	--	--	--	--	--	--	368	--	147	--	--	--	--	32	--	5.39	1,010	8.0	--
902	do	May 26, 1965	--	--	--	--	--	--	374	--	150	--	--	--	--	35	--	5.43	1,020	7.6	--
	902	May 13, 1965	--	--	--	--	--	--	378	--	154	--	--	--	--	34	--	5.52	1,040	7.5	24
902	do	May 9, 1967	--	--	--	--	--	--	366	--	153	--	--	--	--	36	--	5.28	1,040	7.7	24
	902	May 16, 1968	--	--	--	--	--	--	368	--	157	--	--	--	--	39	--	5.25	1,080	8.1	--
902	do	May 12, 1969	--	--	--	--	--	--	374	--	160	--	--	--	--	36	--	5.41	1,050	7.5	25
	904	July 15, 1965	14	.05	9.0	3.0	* 262	--	† 396	1.0	191	--	--	--	680	35	--	--	1,190	8.6	--
904	588- 610	July 26, 1965	16	.05	9.0	3.0	* 262	--	409	--	190	--	--	--	681	33	--	--	1,180	8.2	--
	39-503	Dec. 8, 1965	22	1.50	24	6.1	198	1.7	350	.4	178	.7	--	.19	588	85	9.3	3.54	1,040	7.9	--
503	598- 618	Dec. 9, 1965	17	.44	24	7.0	335	2.0	380	.4	368	1.1	0.2	.36	942	89	15	4.45	1,700	8.1	--
	737- 757	Nov. 15, 1966	29	.70	50	14	287	2.4	334	.4	388	.6	--	.31	936	182	77	1.82	1,730	7.5	--
40-102	669- 677	May 11, 1955	23	--	14	3.9	233	1.6	322	.3	207	.9	--	.25	620	50	14	--	1,130	7.6	--
	310- 781	May 18, 1964	13	--	4.5	1.0	168	.9	348	--	72	.8	--	.22	431	15	19	5.40	755	8.0	--
201	536- 582	Apr. 19, 1968	12	.06	6	1.0	* 177	--	361	--	77	--	--	--	451	19	--	--	766	7.9	--
	213	Aug. 19, 1964	8	.08	5	.4	* 192	--	379	--	85	--	--	--	476	14	--	--	835	8.4	--
214	550- 571	Sept. 3, 1964	8.0	.09	5.5	.6	* 194	--	386	1	85	--	--	--	484	16	--	--	830	8.3	--
	492- 572	May 1, 1953	--	--	--	--	--	--	† 324	--	220	--	--	--	--	47	--	--	1,230	8.7	--
401	647- 767	Nov. 13, 1953	--	--	--	--	--	--	350	--	225	--	--	--	--	70	--	--	1,170	8.3	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BOBON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
RH-65-40-401	647- 767	July 12, 1954	--	--	--	--	--	--	† 353	--	225	--	--	--	--	74	--	--	--	1,260	8.5	--
401	do	Nov. 29, 1954	--	--	--	--	--	--	350	--	237	--	--	--	--	79	--	--	--	1,280	8.2	--
401	do	May 6, 1955	--	--	--	--	--	--	--	--	235	--	--	--	--	--	--	--	--	1,300	--	--
401	do	Nov. 8, 1955	--	--	--	--	--	--	† 354	--	245	--	--	--	--	76	--	--	--	1,290	8.6	--
401	do	May 10, 1956	--	--	--	--	--	--	† 347	--	248	--	--	--	--	88	--	--	--	1,300	8.5	--
401	do	Nov. 9, 1956	--	--	--	--	--	--	† 353	--	245	--	--	--	--	82	--	--	--	1,320	8.7	--
401	do	Nov. 13, 1957	--	--	--	--	--	--	351	--	252	--	--	--	--	78	--	--	--	1,300	8.2	26
401	do	Nov. 19, 1958	--	--	--	--	--	--	346	--	248	--	--	--	--	78	--	--	--	1,310	7.7	--
401	do	May 15, 1959	--	--	--	--	--	--	† 310	--	255	--	--	--	--	47	--	--	--	1,310	8.5	--
401	do	Nov. 2, 1959	--	--	--	--	--	--	352	--	262	--	--	--	--	80	--	--	--	1,350	7.5	26
401	do	May 10, 1960	--	--	--	--	--	--	346	--	260	--	--	--	--	79	--	--	--	1,350	7.6	--
401	do	Nov. 14, 1960	--	--	--	--	--	--	348	--	270	--	--	--	--	80	--	--	--	1,380	7.5	26
401	do	May 16, 1961	--	--	--	--	--	--	348	--	275	--	--	--	--	83	--	--	--	1,400	7.5	26
401	do	Aug. 10, 1961	--	--	--	--	--	--	354	--	280	--	--	--	--	82	--	--	--	1,390	7.9	26
401	do	May 9, 1962	--	--	--	--	--	--	343	--	245	--	--	--	--	78	--	--	--	1,290	7.2	26
401	do	July 27, 1962	--	--	--	--	--	--	322	--	272	--	--	--	--	61	--	--	--	1,290	7.8	26
401	do	Nov. 16, 1962	--	--	--	--	--	--	346	--	278	--	--	--	--	82	--	--	--	1,390	7.6	26
401	do	May 10, 1963	--	--	--	--	--	--	350	--	288	--	--	--	--	86	--	--	4.02	1,360	7.5	26
401	do	July 19, 1963	--	--	--	--	--	--	348	--	285	--	--	--	--	86	--	--	3.98	1,370	7.6	26
401	do	May 12, 1964	--	--	--	--	--	--	352	--	288	--	--	--	--	82	--	--	4.13	1,420	8.2	26
401	do	Nov. 10, 1964	--	--	--	--	--	--	† 372	--	298	--	--	--	--	93	--	--	--	1,460	8.6	26
401	do	May 25, 1965	--	--	--	--	--	--	--	--	300	--	--	--	--	--	--	--	--	1,430	--	26
401	do	Nov. 17, 1965	--	--	--	--	--	--	358	--	288	--	--	--	--	86	--	--	4.15	1,450	7.1	26
401	do	May 17, 1966	--	--	--	--	--	--	362	--	298	--	--	--	--	88	--	--	4.17	1,490	7.5	26
401	do	Nov. 9, 1966	--	--	--	--	--	--	352	--	305	--	--	--	--	96	--	--	3.85	1,490	7.5	26
401	do	May 12, 1967	--	--	--	--	--	--	348	--	300	--	--	--	--	92	--	--	3.86	1,460	7.4	26
401	do	May 14, 1968	--	--	--	--	--	--	350	--	302	--	--	--	--	88	--	--	3.98	1,470	8.2	26
401	do	Nov. 7, 1968	--	--	--	--	--	--	358	--	305	--	--	--	--	88	--	--	4.11	1,460	7.8	26
401	do	May 13, 1965	--	--	--	--	--	--	356	--	298	--	--	--	--	86	--	--	4.11	1,440	7.9	26

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (BSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-65-40-401	667- 767	Nov. 13, 1969	--	--	--	--	--	--	356	--	300	--	--	--	--	86	--	--	4.11	1,400	7.8	26
407	638- 638	Dec. 29, 1966	30	0.10	17	3.7	160	1.4	324	0.6	98	0.6	0.2	0.05	471	58	85	9.1	4.16	811	8.0	--
407	728- 748	Dec. 30, 1966	19	.52	24	7.2	340	2.1	370	.4	373	.6	.2	.30	949	90	89	16	4.27	1,780	7.9	--
408	694- 714	Jan. 10, 1967	15	.30	22	4	* 225	--	354	0	192	--	--	--	--	72	--	--	--	1,120	8.0	--
411	635- 740	Apr. 17, 1969	25	.10	19	4	* 186	--	† 326	0	137	--	--	--	537	66	--	--	--	932	8.5	--
412	670- 690	Mar. 13, 1969	24	.05	19	4	* 197	--	† 335	0	146	.8	.1	--	561	64	--	--	--	977	8.3	--
412	650- 730	Apr. 4, 1969	21	.1	21	5	* 254	--	349	0	239	1.0	.2	--	713	72	--	--	--	1,260	8.2	--
501	371- 461	July 17, 1963	--	--	--	--	--	--	364	--	68	--	--	--	--	27	--	--	5.43	736	7.9	--
503	640- 763	May 1, 1953	--	--	--	--	--	--	† 338	--	212	--	--	--	--	--	--	--	--	1,180	8.7	--
503	do	Nov. 17, 1953	--	--	--	--	--	--	346	--	208	--	--	--	--	69	--	--	--	1,160	8.3	--
503	do	July 12, 1954	--	--	--	--	--	--	† 348	--	205	--	--	--	--	58	--	--	--	1,210	8.5	--
503	do	Nov. 29, 1954	--	--	--	--	--	--	† 349	--	214	--	--	--	--	58	--	--	--	1,200	8.5	--
503	do	May 6, 1955	--	--	--	--	--	--	--	--	212	--	--	--	--	--	--	--	--	1,220	--	--
503	do	Nov. 8, 1955	--	--	--	--	--	--	† 348	--	218	--	--	--	--	58	--	--	--	1,198	8.5	--
503	do	May 10, 1956	--	--	--	--	--	--	† 342	--	212	--	--	--	--	59	--	--	--	1,200	8.5	--
503	do	Nov. 9, 1956	--	--	--	--	--	--	† 346	--	216	--	--	--	--	64	--	--	--	1,190	8.8	--
503	do	Nov. 13, 1957	--	--	--	--	--	--	348	--	215	--	--	--	--	56	--	--	--	1,180	8.2	26
503	do	May 22, 1958	--	--	--	--	--	--	349	--	218	--	--	--	--	65	--	--	--	1,200	8.2	--
503	do	Nov. 19, 1958	--	--	--	--	--	--	345	--	218	--	--	--	--	60	--	--	--	1,200	7.9	--
503	do	May 15, 1959	--	--	--	--	--	--	† 326	--	209	--	--	--	--	40	--	--	--	1,180	8.4	--
503	do	Nov. 2, 1959	--	--	--	--	--	--	344	--	212	--	--	--	--	56	--	--	--	1,190	7.8	--
503	do	May 10, 1960	--	--	--	--	--	--	342	--	210	--	--	--	--	56	--	--	--	1,190	7.6	--
503	do	Nov. 14, 1960	--	--	--	--	--	--	342	--	212	--	--	--	--	56	--	--	--	1,190	7.5	26
503	do	May 16, 1961	--	--	--	--	--	--	340	--	205	--	--	--	--	54	--	--	--	1,160	8.0	26
503	do	Aug. 10, 1961	--	--	--	--	--	--	340	--	212	--	--	--	--	55	--	--	--	1,180	7.4	--
503	do	May 3, 1962	--	--	--	--	--	--	342	--	212	--	--	--	--	57	--	--	--	1,190	8.0	26
503	do	July 27, 1962	--	--	--	--	--	--	346	--	210	--	--	--	--	58	--	--	--	1,130	7.9	26
503	do	May 10, 1963	--	--	--	--	--	--	344	--	210	--	--	--	--	59	--	--	4.46	1,130	7.8	26
503	do	May 12, 1964	--	--	--	--	--	--	346	--	208	--	--	--	--	56	--	--	4.55	1,160	8.2	26

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-65-40-503	640- 763	May 25, 1965	--	--	--	--	--	--	† 348	--	201	--	--	--	--	58	--	--	4.56	1,120	8.6	27
503	do	May 17, 1966	--	--	--	--	--	--	350	--	198	--	--	--	--	56	--	--	4.62	1,160	7.5	26
503	do	May 12, 1967	--	--	--	--	--	--	338	--	201	--	--	--	--	58	--	--	4.38	1,140	7.9	26
503	do	May 14, 1968	--	--	--	--	--	--	338	--	200	--	--	--	--	61	--	--	4.32	1,150	7.5	26
503	do	Nov. 7, 1968	--	--	--	--	--	--	346	--	205	--	--	--	--	51	--	--	4.65	1,160	7.9	26
503	do	May 13, 1969	--	--	--	--	--	--	342	--	205	--	--	--	--	57	--	--	4.47	1,180	8.0	26
503	do	Nov. 13, 1969	--	--	--	--	--	--	344	--	206	--	--	--	--	56	--	--	4.52	1,120	7.7	26
614	700	Nov. 17, 1965	--	--	--	--	--	--	504	--	142	--	--	--	--	48	--	--	7.30	1,190	7.4	--
616	770- 790	July 18, 1963	15	0.02	13	4.7	424	2.4	428	0.2	445	1.2	1.2	0.46	1,120	52	94	5.97	2,020	7.9	23	
616	do	May 16, 1968	--	--	--	--	--	--	420	--	445	--	--	--	--	61	--	--	5.66	1,990	7.5	23
701	677- 773	May 10, 1960	--	--	--	--	--	--	324	--	322	--	--	--	--	99	--	--	--	1,500	7.4	--
701	do	Nov. 14, 1960	--	--	--	--	--	--	324	--	320	--	--	--	--	97	--	--	--	1,510	7.4	--
701	do	May 16, 1961	--	--	--	--	--	--	328	--	320	--	--	--	--	99	--	--	--	1,510	7.6	27
701	do	Aug. 10, 1961	26	.01	28	8.2	286	2.2	323	.0	328	.6	.4	.09	839	104	85	5.97	2,020	7.9	23	
701	do	May 3, 1962	--	--	--	--	--	--	330	--	330	--	--	--	--	105	--	--	--	1,530	7.8	26
701	do	July 27, 1962	--	--	--	--	--	--	--	--	332	--	--	--	--	--	--	--	--	--	--	--
701	do	Nov. 16, 1962	--	--	--	--	--	--	328	--	335	--	--	--	--	104	--	--	--	1,550	7.1	26
701	do	May 10, 1963	--	--	--	--	--	--	332	--	350	--	--	--	--	107	--	--	3.30	1,500	7.2	27
701	do	May 12, 1964	--	--	--	--	--	--	316	--	352	--	--	--	--	98	--	--	3.22	1,560	8.0	27
701	do	Nov. 10, 1964	--	--	--	--	--	--	† 336	--	352	--	--	--	--	118	--	--	--	1,610	8.4	27
701	do	May 25, 1965	--	--	--	--	--	--	--	--	360	--	--	--	--	--	--	--	--	1,580	--	27
701	do	Nov. 15, 1965	28	.10	35	11	300	1.8	338	1.8	364	.6	.2	.20	909	132	83	2.90	1,680	7.0	27	
701	do	May 17, 1966	--	--	--	--	--	--	344	--	370	--	--	--	--	126	--	--	3.12	1,690	7.3	27
701	do	Nov. 19, 1966	--	--	--	--	--	--	332	--	385	--	--	--	--	140	--	--	2.64	1,710	7.2	27
701	do	May 12, 1967	--	--	--	--	--	--	304	--	388	--	--	--	--	120	--	--	2.58	1,670	7.7	27
701	do	May 14, 1968	--	--	--	--	--	--	314	--	390	--	--	--	--	127	--	--	2.61	1,700	7.7	27
701	do	Nov. 7, 1968	--	--	--	--	--	--	354	--	390	--	--	--	--	133	--	--	3.14	1,670	7.7	27
701	do	Nov. 13, 1969	--	--	--	--	--	--	342	--	390	--	--	--	--	140	--	--	2.81	1,640	7.8	27
702	763- 813	Nov. 21, 1958	--	--	--	--	--	--	344	--	378	--	--	--	--	159	--	--	--	1,690	8.0	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROHMS AT 25° C)	PH	TEMPERATURE °C
KH-65-40-703	699-761	May 1, 1953	--	--	--	--	--	--	† 326	--	252	--	--	--	--	57	--	--	--	1,300	8.6	--
703	do	Nov. 13, 1953	--	--	--	--	--	--	340	--	252	--	--	--	--	66	--	--	--	1,240	8.3	--
703	do	May 11, 1954	--	--	--	--	--	--	† 339	--	250	--	--	--	--	61	--	--	--	1,320	8.7	--
703	do	Nov. 29, 1954	--	--	--	--	--	--	341	--	252	--	--	--	--	70	--	--	--	1,320	8.3	--
703	do	May 6, 1955	--	--	--	--	--	--	--	--	252	--	--	--	--	--	--	--	--	1,330	--	--
703	do	Nov. 8, 1955	--	--	--	--	--	--	† 342	--	252	--	--	--	--	70	--	--	--	1,340	8.6	--
703	do	May 10, 1956	--	--	--	--	--	--	† 338	--	250	--	--	--	--	59	--	--	--	1,310	8.5	--
703	do	Nov. 9, 1956	--	--	--	--	--	--	† 341	--	260	--	--	--	--	78	--	--	--	1,330	8.7	--
703	do	Nov. 13, 1957	--	--	--	--	--	--	† 343	--	252	--	--	--	--	70	--	--	--	1,290	8.4	26
703	do	May 22, 1958	--	--	--	--	--	--	† 338	--	258	--	--	--	--	78	--	--	--	1,320	8.3	--
703	do	Nov. 19, 1958	--	--	--	--	--	--	336	--	258	--	--	--	--	72	--	--	--	1,320	7.6	--
703	do	May 15, 1959	--	--	--	--	--	--	† 310	--	253	--	--	--	--	46	--	--	--	1,290	8.4	--
703	do	Nov. 2, 1959	--	--	--	--	--	--	340	--	260	--	--	--	--	70	--	--	--	1,310	7.6	26
703	do	May 10, 1960	--	--	--	--	--	--	336	--	255	--	--	--	--	70	--	--	--	1,320	7.4	--
703	do	Nov. 14, 1960	--	--	--	--	--	--	336	--	258	--	--	--	--	70	--	--	--	1,320	7.6	27
703	do	May 16, 1961	--	--	--	--	--	--	332	--	250	--	--	--	--	70	--	--	--	1,310	7.5	26
703	do	Aug. 10, 1961	--	--	--	--	--	--	334	--	260	--	--	--	--	70	--	--	--	1,310	7.8	26
703	do	May 3, 1962	--	--	--	--	--	--	335	--	258	--	--	--	--	74	--	--	--	1,310	7.8	26
703	do	July 27, 1962	--	--	--	--	--	--	322	--	260	--	--	--	--	60	--	--	--	1,240	8.0	26
703	do	Nov. 16, 1962	--	--	--	--	--	--	334	--	260	--	--	--	--	72	--	--	--	1,340	7.7	26
703	do	May 12, 1964	--	--	--	--	--	--	328	--	268	--	--	--	--	64	--	--	4.10	1,310	8.2	26
703	do	Nov. 10, 1964	--	--	--	--	--	--	--	--	265	--	--	--	--	--	--	--	--	--	--	26
703	do	May 25, 1965	--	--	--	--	--	--	340	--	265	--	--	--	--	74	--	--	4.09	1,320	7.9	26
703	do	Nov. 15, 1965	27	0.06	20	6.8	261	1.5	340	1.6	264	0.8	0.0	0.24	78	88	13	4.01	1,380	7.2	27	
703	do	May 17, 1966	--	--	--	--	--	--	344	--	262	--	--	--	--	74	--	--	4.16	1,360	7.5	27
703	do	Nov. 9, 1966	--	--	--	--	--	--	336	--	270	--	--	--	--	88	--	--	3.75	1,350	7.5	26
703	do	May 12, 1967	--	--	--	--	--	--	332	--	268	--	--	--	--	76	--	--	3.92	1,350	7.7	26
703	do	May 14, 1968	--	--	--	--	--	--	332	--	270	--	--	--	--	80	--	--	3.84	1,350	8.1	26
703	do	Nov. 7, 1968	--	--	--	--	--	--	340	--	272	--	--	--	--	74	--	--	4.09	1,350	7.8	26
703	do	May 13, 1969	--	--	--	--	--	--	336	--	275	--	--	--	--	78	--	--	3.95	1,390	7.6	26

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	TEMPERATURE °C
KH-65-40-703	669- 761	Nov. 13, 1969	--	--	--	--	--	--	338	--	280	--	--	--	--	76	--	--	4.02	1,330	7.8	26
704	656- 767	May 1, 1953	--	--	--	--	--	--	† 318	--	260	--	--	--	--	--	--	--	--	1,320	8.7	--
704	do	Nov. 13, 1953	--	--	--	--	--	--	334	--	258	--	--	--	--	61	--	--	--	1,280	8.3	--
704	do	July 12, 1954	--	--	--	--	--	--	† 334	--	258	--	--	--	--	66	--	--	--	1,340	8.5	--
704	do	Nov. 29, 1956	--	--	--	--	--	--	334	--	262	--	--	--	--	66	--	--	--	1,330	8.2	--
704	do	Nov. 8, 1955	--	--	--	--	--	--	† 332	--	268	--	--	--	--	68	--	--	--	1,330	8.6	--
704	do	May 10, 1956	--	--	--	--	--	--	† 329	--	265	--	--	--	--	66	--	--	--	1,350	8.4	--
704	do	Nov. 9, 1956	--	--	--	--	--	--	† 332	--	268	--	--	--	--	70	--	--	--	1,340	8.7	--
704	do	Nov. 13, 1957	--	--	--	--	--	--	† 333	--	268	--	--	--	--	66	--	--	--	1,320	8.5	27
704	do	May 22, 1958	--	--	--	--	--	--	331	--	270	--	--	--	--	72	--	--	--	1,330	8.2	--
704	do	May 28, 1959	--	--	--	--	--	--	328	--	258	--	--	--	--	66	--	--	--	1,340	8.1	--
704	do	Nov. 2, 1959	--	--	--	--	--	--	325	--	265	--	--	--	--	67	--	--	--	1,330	7.4	26
704	do	May 10, 1960	--	--	--	--	--	--	326	--	262	--	--	--	--	66	--	--	--	1,330	7.4	--
704	do	Nov. 14, 1960	--	--	--	--	--	--	324	--	265	--	--	--	--	66	--	--	--	1,330	7.5	27
704	do	Aug. 10, 1961	--	--	--	--	--	--	330	--	265	--	--	--	--	65	--	--	--	1,320	8.0	27
704	do	May 3, 1962	--	--	--	--	--	--	329	--	262	--	--	--	--	68	--	--	--	1,330	7.4	26
704	do	July 27, 1962	--	--	--	--	--	--	--	--	264	--	--	--	--	--	--	--	--	--	--	27
704	do	May 12, 1964	--	--	--	--	--	--	320	--	265	--	--	--	--	59	--	--	4.06	1,310	8.1	27
704	do	Nov. 10, 1964	--	--	--	--	--	--	--	--	268	--	--	--	--	--	--	--	--	--	--	26
704	do	May 25, 1965	--	--	--	--	--	--	336	--	268	--	--	--	--	69	--	--	--	1,310	8.1	27
704	do	Nov. 9, 1966	--	--	--	--	--	--	324	--	270	--	--	--	--	72	--	--	3.87	1,340	7.4	26
704	do	May 12, 1967	--	--	--	--	--	--	324	--	270	--	--	--	--	70	--	--	3.91	1,340	7.3	27
704	do	May 14, 1968	--	--	--	--	--	--	324	--	270	--	--	--	--	76	--	--	3.79	1,350	8.2	27
704	do	Nov. 7, 1968	--	--	--	--	--	--	336	--	278	--	--	--	--	68	--	--	4.15	1,340	7.9	27
704	do	May 13, 1969	--	--	--	--	--	--	328	--	275	--	--	--	--	70	--	--	3.98	1,350	7.5	26
704	do	Nov. 13, 1969	--	--	--	--	--	--	330	--	282	--	--	--	--	71	--	--	3.99	1,350	7.7	26
706	661- 775	Mar. 24, 1958	--	--	--	--	--	--	--	--	360	--	--	--	--	--	--	--	--	1,600	--	--
706	do	May 22, 1958	--	--	--	--	--	--	310	--	380	--	--	--	--	117	--	--	--	1,640	7.9	--
706	do	Nov. 19, 1958	--	--	--	--	--	--	337	--	372	--	--	--	--	136	--	--	--	1,680	8.1	--
706	do	May 15, 1959	--	--	--	--	--	--	† 270	--	362	--	--	--	--	78	--	--	--	1,590	8.4	--

See footnotes at end of table.



Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SO-DIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
KH-65-40-706	661- 775	Nov. 2, 1959	--	--	--	--	--	--	338	--	375	--	--	--	--	136	--	--	--	1,660	7.3	26
706	do	May 10, 1960	--	--	--	--	--	--	338	--	368	--	--	--	--	132	--	--	--	1,680	7.4	--
706	do	Aug. 10, 1961	--	--	--	--	--	--	346	--	378	--	--	--	--	136	--	--	--	1,680	7.9	27
706	do	May 16, 1962	--	--	--	--	--	--	341	--	375	--	--	--	--	156	--	--	--	1,670	7.1	26
706	do	July 27, 1962	--	--	--	--	--	--	--	--	380	--	--	--	--	--	--	--	--	1,580	--	27
706	do	Nov. 16, 1962	--	--	--	--	--	--	342	--	380	--	--	--	--	138	--	--	--	1,700	7.2	27
706	do	May 10, 1963	--	--	--	--	--	--	344	--	388	--	--	--	--	144	--	--	2.76	1,640	7.4	27
706	do	May 17, 1965	--	--	--	--	--	--	358	--	378	--	--	--	--	145	--	--	2.97	1,730	7.5	27
706	do	Nov. 9, 1965	27	0.0	40	10	308	2.5	348	0.4	380	0.5	0.2	0.22	940	141	82	11	2.88	1,710	7.2	27
706	do	May 12, 1967	--	--	--	--	--	--	342	--	380	--	--	--	--	148	--	--	2.65	1,700	7.6	27
706	do	May 14, 1968	--	--	--	--	--	--	286	--	378	--	--	--	--	96	--	--	2.77	1,620	8.0	27
706	do	Nov. 7, 1968	--	--	--	--	--	--	356	--	388	--	--	--	--	144	--	--	2.95	1,670	7.7	26
706	do	May 13, 1969	--	--	--	--	--	--	350	--	380	--	--	--	--	144	--	--	2.86	1,640	7.6	26
802	636- 776	May 1, 1953	--	--	--	--	--	--	† 343	--	220	--	--	--	--	50	--	--	--	1,210	8.7	--
802	do	Nov. 13, 1953	--	--	--	--	--	--	352	--	215	--	--	--	--	52	--	--	--	1,180	8.3	--
802	do	May 11, 1954	--	--	--	--	--	--	† 356	--	218	--	--	--	--	56	--	--	--	1,240	8.7	--
802	do	Nov. 29, 1954	--	--	--	--	--	--	353	--	211	--	--	--	--	58	--	--	--	1,200	8.4	--
802	do	May 6, 1955	--	--	--	--	--	--	--	--	210	--	--	--	--	--	--	--	--	1,210	--	--
802	do	Nov. 8, 1955	--	--	--	--	--	--	† 352	--	212	--	--	--	--	56	--	--	--	1,190	8.6	--
802	do	May 10, 1955	--	--	--	--	--	--	† 349	--	212	--	--	--	--	58	--	--	--	1,200	8.4	--
802	do	Nov. 9, 1955	--	--	--	--	--	--	† 352	--	214	--	--	--	--	60	--	--	--	1,200	8.6	--
802	do	Nov. 13, 1957	--	--	--	--	--	--	† 356	--	215	--	--	--	--	58	--	--	--	1,180	8.6	27
802	do	May 22, 1958	--	--	--	--	--	--	348	--	220	--	--	--	--	59	--	--	--	1,200	8.1	--
802	do	Nov. 19, 1958	--	--	--	--	--	--	346	--	220	--	--	--	--	56	--	--	--	1,200	8.0	--
802	do	May 15, 1959	--	--	--	--	--	--	† 346	--	212	--	--	--	--	54	--	--	--	1,210	8.6	--
802	do	Nov. 2, 1959	--	--	--	--	--	--	352	--	219	--	--	--	--	56	--	--	--	1,210	7.9	26
802	do	May 10, 1960	--	--	--	--	--	--	348	--	220	--	--	--	--	55	--	--	--	1,210	7.8	--
802	do	May 16, 1961	--	--	--	--	--	--	350	--	245	--	--	--	--	66	--	--	--	1,300	7.5	26
802	do	Aug. 10, 1961	--	--	--	--	--	--	346	--	222	--	--	--	--	56	--	--	--	1,220	7.4	--
802	do	May 3, 1962	--	--	--	--	--	--	351	--	218	--	--	--	--	59	--	--	--	1,210	7.6	26

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PER-CENT SO-DIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
KH-65-40-802	636- 776	Nov. 16, 1962	--	--	--	--	--	--	348	--	215	--	--	--	--	56	--	--	--	1,210	7.3	26
802	do	May 10, 1963	--	--	--	--	--	--	350	--	222	--	--	--	--	57	--	--	4.60	1,180	7.5	26
802	do	May 12, 1964	--	--	--	--	--	--	352	--	222	--	--	--	--	57	--	--	4.63	1,220	8.0	26
802	do	Nov. 10, 1964	--	--	--	--	--	--	374	--	220	--	--	--	--	69	--	--	--	1,220	8.5	26
802	do	May 25, 1965	--	--	--	--	--	--	--	--	222	--	--	--	--	69	--	--	--	1,220	8.5	26
802	do	Nov. 15, 1965	26	0.05	18	5.6	240	1.4	356	1.6	219	0.9	0.2	0.27	688	68	88	4.47	1,230	7.4	27	
802	do	Nov. 9, 1966	--	--	--	--	--	--	348	--	215	--	--	--	--	58	--	--	4.54	1,220	7.6	26
802	do	May 12, 1967	--	--	--	--	--	--	348	--	214	--	--	--	--	57	--	--	4.56	1,200	7.6	27
802	do	May 14, 1968	--	--	--	--	--	--	350	--	213	--	--	--	--	57	--	--	4.60	1,200	8.2	--
802	do	Nov. 7, 1968	--	--	--	--	--	--	356	--	218	--	--	--	--	54	--	--	4.75	1,200	7.8	26
802	do	May 13, 1969	--	--	--	--	--	--	352	--	220	--	--	--	--	56	--	--	4.65	1,200	7.7	26
802	do	Nov. 13, 1969	--	--	--	--	--	--	350	--	215	--	--	--	--	54	--	--	4.66	1,180	7.8	26
901	500- 850	July 18, 1963	27	.02	12	3.6	249	1.7	356	.0	210	.8	.8	.24	680	45	92	4.93	1,220	8.0	27	
901	do	May 18, 1966	--	--	--	--	--	--	354	--	239	--	--	--	--	48	--	--	4.84	1,280	7.8	--
901	do	May 19, 1967	--	--	--	--	--	--	352	--	232	--	--	--	--	48	--	--	4.81	1,250	7.5	28
901	do	Nov. 8, 1968	--	--	--	--	--	--	352	--	230	--	--	--	--	46	--	--	4.85	1,230	7.9	--
901	do	Nov. 12, 1969	--	--	--	--	--	--	354	--	235	--	--	--	--	46	--	--	4.88	1,230	7.6	28
903	484- 864	Jan. 14, 1970	6	.05	10	3	* 283	--	324	29	239	--	--	--	741	37	--	--	--	1,350	8.5	--
48-102	594- 776	Nov. 17, 1965	24	.33	20	6.3	257	1.4	384	2.4	226	.9	.0	.27	727	76	88	4.77	1,290	7.4	26	
102	do	May 19, 1966	--	--	--	--	--	--	388	--	238	--	--	--	--	83	--	--	4.70	1,390	7.4	--
102	do	May 17, 1968	--	--	--	--	--	--	338	--	290	--	--	--	--	74	--	--	4.06	1,440	8.2	--
102	do	May 16, 1969	--	--	--	--	--	--	372	--	325	--	--	--	--	105	--	--	4.00	1,560	7.6	26
201	710- 805	Mar. 24, 1958	--	--	--	--	--	--	† 338	--	430	--	--	--	--	111	--	--	--	1,810	8.7	--
201	do	Nov. 5, 1958	--	--	--	--	--	--	335	--	418	--	--	--	--	111	--	--	--	1,770	8.1	--
201	do	May 15, 1959	--	--	--	--	--	--	† 336	--	340	--	--	--	--	96	--	--	--	1,620	8.4	--
201	do	May 10, 1960	--	--	--	--	--	--	332	--	382	--	--	--	--	98	--	--	--	1,720	7.2	--
201	do	May 16, 1961	--	--	--	--	--	--	328	--	368	--	--	--	--	97	--	--	--	1,660	7.4	--
201	do	Aug. 15, 1961	26	.0	24	8.1	308	2.3	327	.0	358	.6	.4	.18	889	94	87	--	1,600	7.2	27	
201	do	May 1962	24	--	20	6.1	259	2.4	337	.0	262	.8	1.5	--	742	75	88	--	1,320	7.3	26	
201	do	July 27, 1962	--	--	--	--	--	--	334	--	340	--	--	--	--	92	--	--	--	1,490	8.0	27

See footnotes at end of table.

Table 4. ---Chemical Analyses of Water From Wells in Galveston County---Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
KH-65-48-201	710- 805	July 19, 1963	--	--	--	--	--	--	332	--	375	--	--	--	--	100	--	--	3.44	1,620	7.5	27
201	do	May 12, 1964	--	--	--	--	--	--	† 340	--	282	--	--	--	--	80	--	--	3.64	1,370	8.3	27
201	do	Nov. 18, 1965	--	--	--	--	--	--	348	--	275	--	--	--	--	86	--	--	3.98	1,390	7.1	--
201	do	July 16, 1969	29	0.01	4.0	12	381	2.1	328	--	512	0.6	1.2	0.28	1,140	150	84	2.39	2,060	7.4	27	
202	744- 836	Nov. 14, 1960	--	--	--	--	--	--	332	--	565	--	--	--	--	136	--	--	--	2,210	7.3	27
202	do	May 16, 1961	--	--	--	--	--	--	332	--	650	--	--	--	--	171	--	--	--	2,470	7.4	27
202	do	Aug. 10, 1961	27	.01	4.5	15	449	3.1	323	0.0	630	.6	.5	.42	1,330	174	85	--	2,470	7.2	27	
202	do	May 3, 1962	--	--	--	--	--	--	331	--	620	--	--	--	--	170	--	--	--	2,400	7.5	27
202	do	July 27, 1962	--	--	--	--	--	--	--	--	630	--	--	--	--	--	--	--	--	--	--	27
202	do	Nov. 16, 1962	--	--	--	--	--	--	328	.2	630	--	--	--	--	173	--	--	--	--	--	--
202	do	May 10, 1963	--	--	--	--	--	--	318	--	650	--	--	--	--	170	--	--	1.81	2,390	7.7	27
202	do	May 12, 1964	--	--	--	--	--	--	320	--	650	--	--	--	--	171	--	--	1.82	2,480	8.0	27
202	do	Nov. 10, 1964	--	--	--	--	--	--	--	--	680	--	--	--	--	--	--	--	--	--	--	27
202	do	May 25, 1965	--	--	--	--	--	--	--	--	700	--	--	--	--	--	--	--	--	2,470	--	27
202	do	Nov. 15, 1965	30	.16	5.2	16	462	2.4	336	1.6	672	.5	.2	.32	1,400	196	84	1.59	2,630	7.0	27	
202	do	May 17, 1966	--	--	--	--	--	--	340	--	660	--	--	--	--	188	--	--	--	2,580	7.5	27
202	do	May 12, 1967	--	--	--	--	--	--	324	--	512	--	--	--	--	145	--	--	2.41	2,090	7.7	27
202	do	Nov. 7, 1968	--	--	--	--	--	--	338	--	602	--	--	--	--	170	--	--	2.14	2,290	7.6	28
202	do	May 13, 1969	--	--	--	--	--	--	356	--	720	--	--	--	--	218	--	--	1.47	2,740	7.5	28
202	do	July 16, 1969	28	.0	5.5	17	496	2.7	332	.0	732	.5	2.6	.36	1,500	207	84	1.30	2,740	7.3	28	
202	do	Nov. 13, 1969	--	--	--	--	--	--	336	--	710	--	--	--	--	210	--	--	1.31	2,610	7.7	27
203	685- 715	July 19, 1963	31	.02	24	7.1	* 291	--	336	--	315	.7	.8	--	835	89	88	3.73	1,490	7.7	27	
204	715- 765	Nov. 15, 1965	30	.25	60	19	500	2.5	344	2.0	747	.5	.2	.34	1,530	228	82	1.08	2,860	7.0	27	
204	do	Nov. 9, 1966	--	--	--	--	--	--	338	--	675	--	--	--	--	200	--	--	1.54	2,600	7.5	27
204	do	May 14, 1968	--	--	--	--	--	--	296	--	760	--	--	--	--	188	--	--	1.09	2,700	7.7	27
204	do	Nov. 15, 1968	--	--	--	--	--	--	344	--	712	--	--	--	--	211	--	--	1.42	2,720	7.5	27
204	do	May 13, 1969	--	--	--	--	--	--	340	--	740	--	--	--	--	218	--	--	1.21	2,750	7.4	27
204	do	Nov. 13, 1969	--	--	--	--	--	--	344	--	720	--	--	--	--	212	--	--	1.40	2,640	7.7	27
207	744- 844	Nov. 27, 1953	--	--	--	--	--	--	† 335	--	325	--	--	--	--	88	--	--	--	1,490	8.3	--
207	do	May 11, 1954	--	--	--	--	--	--	† 344	--	340	--	--	--	--	88	--	--	--	1,570	8.7	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SO-DIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C	
KH-65-48-209	724- 846	May 1, 1953	--	--	--	--	--	--	† 342	--	455	--	--	--	--	127	--	--	--	1,940	8.6	--	
209	do	Nov. 13, 1953	--	--	--	--	--	--	340	--	468	--	--	--	--	121	--	--	--	1,900	8.2	--	
209	do	May 11, 1954	--	--	--	--	--	--	† 341	--	482	--	--	--	--	123	--	--	--	2,010	8.6	--	
209	do	Nov. 29, 1954	--	--	--	--	--	--	339	--	470	--	--	--	--	131	--	--	--	1,990	8.3	--	
209	do	May 6, 1955	--	--	--	--	--	--	† 340	--	492	--	--	--	--	134	--	--	--	2,050	8.5	--	
209	do	Nov. 8, 1955	--	--	--	--	--	--	† 338	--	502	--	--	--	--	139	--	--	--	2,060	8.5	--	
209	do	May 10, 1956	--	--	--	--	--	--	† 333	--	522	--	--	--	--	140	--	--	--	2,120	8.4	--	
209	do	Nov. 9, 1956	--	--	--	--	--	--	† 338	--	550	--	--	--	--	151	--	--	--	2,180	8.7	--	
209	do	Nov. 13, 1957	--	--	--	--	--	--	336	--	580	--	--	--	--	154	--	--	--	2,260	7.9	--	
209	do	Nov. 5, 1958	--	--	--	--	--	--	268	--	608	--	--	--	--	110	--	--	--	2,270	7.9	--	
209	do	May 15, 1959	--	--	--	--	--	--	† 260	--	592	--	--	--	--	102	--	--	--	2,300	8.4	--	
209	do	Nov. 10, 1959	--	--	--	--	--	--	330	--	610	--	--	--	--	164	--	--	--	2,360	7.3	--	
209	do	May 10, 1960	--	--	--	--	--	--	340	--	612	--	--	--	--	168	--	--	--	2,430	7.3	--	
209	do	May 16, 1961	--	--	--	--	--	--	332	--	630	--	--	--	--	173	--	--	--	2,460	7.4	27	
209	do	Aug. 17, 1961	27	0.01	47	15	454	3.0	327	0.2	630	0.6	0.4	0.34	1,340	179	84	15	--	2,460	7.0	27	
209	do	May 3, 1962	--	--	--	--	--	--	335	--	670	--	--	--	--	191	--	--	--	2,500	7.0	27	
209	do	July 27, 1962	--	--	--	--	--	--	--	--	670	--	--	--	--	--	--	--	--	--	--	--	27
209	do	May 10, 1963	--	--	--	--	--	--	--	--	680	--	--	--	--	--	--	--	--	--	--	--	27
210	714- 857	Nov. 26, 1953	--	--	--	--	--	--	340	--	840	--	--	--	--	200	--	--	1.51	2,500	7.4	27	
210	do	May 24, 1960	--	--	--	--	--	--	341	--	735	--	--	--	--	217	--	--	--	2,910	8.3	--	
210	do	July 27, 1962	--	--	--	--	--	--	--	--	810	--	--	--	--	201	--	--	--	2,780	7.7	--	
210	do	July 16, 1969	30	.0	47	15	504	2.6	348	.0	718	.6	1.2	.38	1,490	179	86	16	2,720	7.3	28		
211	714- 857	Nov. 26, 1953	--	--	--	--	--	--	--	--	880	--	--	--	--	185	--	--	--	3,120	8.3	--	
211	do	July 12, 1954	--	--	--	--	--	--	† 348	--	850	--	--	--	--	192	--	--	--	3,120	8.4	--	
211	do	Nov. 29, 1954	--	--	--	--	--	--	343	--	850	--	--	--	--	200	--	--	--	3,180	8.2	--	
211	do	May 6, 1955	--	--	--	--	--	--	--	--	860	--	--	--	--	--	--	--	--	3,140	--	--	
211	do	Nov. 8, 1955	--	--	--	--	--	--	322	--	838	--	--	--	--	197	--	--	--	3,070	8.5	--	
211	do	Nov. 13, 1957	--	--	--	--	--	--	† 347	--	860	--	--	--	--	192	--	--	--	3,070	8.4	--	
211	do	May 22, 1958	--	--	--	--	--	--	280	--	830	--	--	--	--	143	--	--	--	2,950	8.0	--	
211	do	Nov. 5, 1958	--	--	--	--	--	--	288	--	820	--	--	--	--	144	--	--	--	3,000	8.2	--	

See footnotes at end of table.

Table 4.---Chemical Analyses of Water From Wells in Galveston County---Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	HARD-NESS AS CaCO <sub>3</sub>	PER-CENT SO-DIUM	SODIUM ADSORP-TION RATIO (SAR)	RESIDUAL SODIUM-CARBON-ATE (RSC)	SPECIFIC CONDUCT-ANCE (MICROMHOS AT 25° C)	PH	TEMPER-ATURE °C
KH-65-48-211	714- 857	May 15, 1959	--	--	--	--	--	--	282	--	820	--	--	--	--	132	--	--	--	3,030	8.2	--
211	do	May 10, 1960	--	--	--	--	--	--	346	--	815	--	--	--	--	175	--	--	--	3,040	7.1	--
211	do	May 16, 1961	--	--	--	--	--	--	346	--	800	--	--	--	--	167	--	--	--	2,960	7.3	27
211	do	May 3, 1962	--	--	--	--	--	--	345	--	820	--	--	--	--	170	--	--	--	2,950	7.2	27
211	do	July 27, 1962	--	--	--	--	--	--	342	--	800	--	--	--	--	168	--	--	--	2,820	7.1	27
211	do	May 10, 1963	--	--	--	--	--	--	316	--	830	--	--	--	--	154	--	--	2.10	2,920	7.7	27
211	do	May 12, 1964	--	--	--	--	--	--	354	--	830	--	--	--	--	171	--	--	2.38	3,030	7.9	27
211	do	May 25, 1965	--	--	--	--	--	--	--	--	820	--	--	--	--	--	--	--	--	2,910	--	28
211	do	May 17, 1966	--	--	--	--	--	--	360	--	820	--	--	--	--	168	--	--	2.54	3,100	7.4	27
211	do	May 12, 1967	--	--	--	--	--	--	348	--	830	--	--	--	--	161	--	--	2.48	3,050	7.6	27
211	do	May 14, 1968	--	--	--	--	--	--	348	--	810	--	--	--	--	151	--	--	2.68	2,920	7.4	27
211	do	Nov. 7, 1968	--	--	--	--	--	--	364	--	785	--	--	--	--	147	--	--	3.03	2,850	7.9	28
211	do	May 13, 1969	--	--	--	--	--	--	350	--	800	--	--	--	--	152	--	--	2.70	2,870	7.8	28
211	do	July 16, 1969	28	0.01	39	12	598	2.6	352	--	830	--	1.8	0.46	1,680	147	90	2.83	3,010	7.3	28	
211	do	Nov. 13, 1969	--	--	--	--	--	--	356	--	800	--	--	--	--	152	--	--	2.79	2,900	7.8	28
212	714- 767	May 11, 1954	--	--	--	--	--	--	† 341	--	560	--	--	--	--	130	--	--	--	2,240	8.6	--
212	do	Nov. 29, 1954	--	--	--	--	--	--	337	--	585	--	--	--	--	140	--	--	--	2,340	8.3	--
212	do	Nov. 8, 1955	--	--	--	--	--	--	† 338	--	485	--	--	--	--	116	--	--	--	2,050	8.6	--
212	do	May 10, 1956	--	--	--	--	--	--	† 335	--	530	--	--	--	--	130	--	--	--	2,180	8.4	--
212	do	Nov. 9, 1956	--	--	--	--	--	--	340	--	620	--	--	--	--	147	--	--	--	2,390	8.3	--
212	do	May 22, 1958	--	--	--	--	--	--	336	--	580	--	--	--	--	134	--	--	--	2,270	8.0	--
212	do	Nov. 5, 1958	--	--	--	--	--	--	329	--	580	--	--	--	--	127	--	--	--	2,280	8.2	--
212	do	May 10, 1960	--	--	--	--	--	--	334	--	430	--	--	--	--	94	--	--	--	1,860	7.4	--
212	do	May 16, 1961	--	--	--	--	--	--	338	--	532	--	--	--	--	117	--	--	--	2,200	7.4	27
212	do	Aug. 24, 1961	30	.05	32	9.6	425	2.5	336	--	545	0.7	1.1	--	120	88	17	--	2,190	7.3	27	
212	do	May 3, 1962	--	--	--	--	--	--	344	--	590	--	--	--	--	130	--	--	--	2,250	7.8	27
212	do	July 27, 1962	--	--	--	--	--	--	340	--	620	--	--	--	--	138	--	--	--	2,290	7.6	27
212	do	May 10, 1963	--	--	--	--	--	--	336	--	620	--	--	--	--	147	--	--	2.57	2,320	7.3	27
212	do	May 12, 1964	--	--	--	--	--	--	346	--	550	--	--	--	--	127	--	--	3.13	2,220	8.2	27
212	do	May 25, 1965	--	--	--	--	--	--	334	--	600	--	--	--	--	125	--	--	2.97	2,260	8.2	27

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SO-DIUM	SODIUM ABSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTIVITY (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
KH-65-48-212	714- 767	May 17, 1966	--	--	--	--	--	--	332	--	550	--	--	--	--	132	--	--	3.13	2,310	7.3	27
212	do	May 12, 1967	--	--	--	--	--	--	340	--	515	--	--	--	--	120	--	--	3.17	2,120	7.9	27
212	do	Nov. 7, 1968	--	--	--	--	--	--	366	--	610	--	--	--	--	137	--	--	3.26	2,350	7.7	27
212	do	May 13, 1969	--	--	--	--	--	--	344	--	590	--	--	--	--	134	--	--	2.96	2,340	7.5	27
212	do	July 16, 1969	29	--	34	10	438	2.1	344	--	570	0.7	1.3	0.35	1,250	126	88	3.12	2,280	7.2	28	
213	739- 840	May 1, 1953	--	--	--	--	--	--	† 326	--	578	--	--	--	--	153	--	--	--	2,290	8.6	--
213	do	Nov. 26, 1953	--	--	--	--	--	--	333	--	522	--	--	--	--	128	--	--	--	2,080	8.3	--
213	do	May 11, 1954	--	--	--	--	--	--	† 334	--	568	--	--	--	--	140	--	--	--	2,250	8.6	--
213	do	Nov. 29, 1954	--	--	--	--	--	--	333	--	575	--	--	--	--	155	--	--	--	2,330	8.0	--
213	do	May 6, 1955	--	--	--	--	--	--	--	--	560	--	--	--	--	--	--	--	--	2,250	--	--
213	do	Nov. 8, 1955	--	--	--	--	--	--	† 332	--	578	--	--	--	--	156	--	--	--	2,280	8.5	--
213	do	Nov. 5, 1958	--	--	--	--	--	--	† 338	--	392	--	--	--	--	109	--	--	--	1,700	8.4	--
213	do	Nov. 16, 1966	29	0.0	34	9.8	321	2.4	328	0.4	400	.6	.2	.20	959	126	84	2.87	1,750	7.3	--	
213	do	July 16, 1969	28	.01	64	20	508	2.8	338	.2	770	.5	2.3	.38	1,560	242	82	.70	2,830	7.3	28	
213	do	Nov. 13, 1969	--	--	--	--	--	--	342	--	760	--	--	--	--	240	--	--	.81	2,750	7.7	27
214	703- 884	Apr. 30, 1953	--	--	--	--	--	--	† 338	--	765	--	--	--	--	166	--	--	--	2,870	8.6	--
214	do	Nov. 13, 1953	--	--	--	--	--	--	339	--	775	--	--	--	--	160	--	--	--	2,790	8.3	--
214	do	May 11, 1954	--	--	--	--	--	--	† 344	--	780	--	--	--	--	156	--	--	--	2,900	8.6	--
214	do	May 6, 1955	--	--	--	--	--	--	--	--	770	--	--	--	--	--	--	--	--	2,890	--	--
214	do	May 10, 1956	--	--	--	--	--	--	† 340	--	710	--	--	--	--	145	--	--	--	2,660	8.4	--
214	do	Nov. 9, 1956	--	--	--	--	--	--	† 341	--	770	--	--	--	--	163	--	--	--	2,840	8.5	--
214	do	May 22, 1958	--	--	--	--	--	--	340	--	720	--	--	--	--	147	--	--	--	2,710	8.1	--
214	do	May 15, 1959	--	--	--	--	--	--	† 342	--	638	--	--	--	--	123	--	--	--	2,520	8.5	--
214	do	Nov. 2, 1959	--	--	--	--	--	--	338	--	768	--	--	--	--	150	--	--	--	2,830	7.1	--
214	do	May 20, 1960	--	--	--	--	--	--	339	--	655	--	--	--	--	125	--	--	--	2,550	8.2	--
214	do	May 16, 1962	--	--	--	--	--	--	339	--	660	--	--	--	--	107	--	--	--	2,500	7.3	27
214	do	July 27, 1962	--	--	--	--	--	--	338	--	670	--	--	--	--	127	--	--	--	2,460	8.0	27
214	do	July 19, 1963	28	.02	33	11	493	2.4	344	0.2	650	0.8	0.8	0.36	1,390	128	89	3.09	2,510	7.7	28	
214	do	Nov. 10, 1964	--	--	--	--	--	--	† 356	--	740	--	--	--	--	158	--	--	--	2,750	8.4	28
214	do	May 25, 1965	--	--	--	--	--	--	--	--	720	--	--	--	--	--	--	--	--	2,600	--	28

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PER-CENT SO-DIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	TEMPERATURE °C
KH-65-48-214	703- 884	Nov. 17, 1965	--	--	--	--	--	--	346	--	560	--	--	--	--	102	--	--	3.63	2,280	7.1	27
	214	July 16, 1969	27	0.02	32	9.2	482	2.0	344	0.0	640	0.8	2.1	.41	1,360	118	90	19	3.28	2,480	7.3	28
J/	656- 780	May 19, 1958	15	--	6.5	2.9	* 195	--	375	--	102	--	--	--	--	28	--	--	--	840	7.9	--
	301	May 5, 1960	--	--	--	--	--	--	352	--	102	--	--	--	--	25	--	--	--	852	7.6	--
301	do	Apr. 3, 1961	--	--	--	--	--	--	348	--	102	--	--	--	--	26	--	--	--	850	7.7	--
301	do	Aug. 10, 1961	--	--	--	--	--	--	348	--	105	--	--	--	--	26	--	--	--	845	7.7	26
301	do	July 27, 1962	25	.03	6.8	2.7	183	1.2	348	--	102	.8	.35	.35	493	28	93	15	--	875	7.9	26
301	do	May 15, 1964	--	--	--	--	--	--	--	--	105	--	--	--	--	26	--	--	5.31	855	8.9	--
301	do	May 16, 1966	--	--	--	--	--	--	358	--	106	--	--	--	--	26	--	--	5.35	872	8.0	26
301	do	Nov. 15, 1966	--	--	--	--	--	--	346	--	112	--	--	--	--	28	--	--	5.11	863	7.7	27
301	do	May 10, 1967	--	--	--	--	--	--	348	--	106	--	--	--	--	30	--	--	5.10	859	7.9	26
301	do	May 16, 1968	--	--	--	--	--	--	350	--	113	--	--	--	--	33	--	--	5.08	882	7.6	26
301	do	May 9, 1969	--	--	--	--	--	--	348	--	116	--	--	--	--	29	--	--	5.12	881	7.7	26
301	do	Nov. 14, 1969	--	--	--	--	--	--	348	--	119	--	--	--	--	28	--	--	5.14	882	7.9	26
309	637- 689	May 9, 1956	--	--	--	--	--	--	+ 332	--	290	--	--	--	--	71	--	--	--	1,410	8.5	--
2/	365- 865	July 22, 1963	16	.08	19	13	421	3.1	732	--	288	.7	2.0	.83	1,120	101	90	18	9.98	1,860	7.9	23
	690- 752	Apr. 3, 1961	--	--	--	--	--	--	336	--	262	--	--	--	--	66	--	--	--	1,350	7.5	--
502	do	Aug. 10, 1961	--	--	--	--	--	--	340	--	258	--	--	--	--	63	--	--	--	1,320	8.1	--
502	do	July 19, 1963	30	.02	18	4.9	264	2.0	340	.4	260	.8	.5	.26	748	65	89	14	4.27	1,340	7.4	27
502	do	Apr. 15, 1964	--	--	--	--	--	--	332	--	262	--	--	--	--	65	--	--	4.14	1,330	8.1	--
502	do	Nov. 17, 1965	--	--	--	--	--	--	332	--	265	--	--	--	--	64	--	--	4.16	1,340	7.4	--
502	do	May 16, 1966	--	--	--	--	--	--	338	--	258	--	--	--	--	64	--	--	4.26	1,330	7.8	--
502	do	May 10, 1967	--	--	--	--	--	--	326	--	258	--	--	--	--	63	--	--	4.08	1,310	7.6	--
502	do	May 16, 1968	--	--	--	--	--	--	320	--	260	--	--	--	--	65	--	--	3.94	1,310	8.2	--
502	do	Nov. 13, 1968	--	--	--	--	--	--	334	--	245	--	--	--	--	62	--	--	4.23	1,310	7.7	--
502	do	May 9, 1969	--	--	--	--	--	--	328	--	255	--	--	--	--	63	--	--	4.12	1,330	7.8	--
502	do	Nov. 14, 1969	--	--	--	--	--	--	330	--	267	--	--	--	--	64	--	--	4.13	1,310	7.7	--
J/	260- 300	June 21, 1957	16	.15	30	29	* 781	--	730	13	910	--	--	--	2,140	196	--	--	--	3,950	7.5	--
	801	Nov. 13, 1968	16	.31	30	29	810	6.8	676	17	980	1.2	2.3	--	2,220	194	90	25	7.19	3,900	8.2	--
802	do	Nov. 13, 1968	15	1.5	131	120	1,070	19	524	12	1,920	.9	5.0	--	3,550	820	73	16	--	6,550	7.9	--

See footnotes at end of table.

Table 4.--Chemical Analyses of Water From Wells in Galveston County--Continued

WELL	DEPTH OR PRODUCING INTERVAL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SODIUM ADSORPTION RATIO (SAR)	RESIDUAL SODIUM CARBONATE (RSC)	SPECIFIC CONDUCTANCE (MICROHMS AT 25° C)	PH	TEMPERATURE °C
KH-65-56-802	260- 300	May 15, 1969	--	--	--	--	--	--	292	--	2,920	--	--	--	--	1,540	--	--	--	9,360	7.2	--
802	do	Nov. 17, 1969	--	--	--	--	--	--	626	--	1,110	--	--	--	--	336	--	--	3.54	4,090	7.6	--
902	do	May 13, 1963	--	--	--	--	--	--	570	--	1,780	--	--	--	--	259	--	--	4.16	5,870	7.3	--
902	do	July 22, 1963	--	--	--	--	--	--	568	--	1,750	--	--	--	--	256	--	--	4.19	5,820	7.2	--

1) Analysis by commercial laboratory - dissolved solids calculated.

2) Sample may not be representative - well pumped 10 minutes.

\* Sodium and potassium calculated as sodium (Na).

+ Bicarbonate (HCO<sub>3</sub>) plus carbonate (CO<sub>3</sub>).