

TEXAS WATER DEVELOPMENT BOARD

REPORT 145

WATER WELL AND GROUND-WATER CHEMICAL ANALYSIS  
DATA, REAGAN COUNTY, TEXAS

By

Daniel A. Muller and Herbert E. Couch  
Texas Water Development Board

April 1972

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# WATER WELL AND GROUND-WATER CHEMICAL ANALYSIS DATA, REAGAN COUNTY, TEXAS

## PURPOSE AND SCOPE

The purpose of this report is to present to the public ground-water data collected in Reagan County during an investigation conducted in 1966.

The investigation, covering several counties in the northwestern part of the Edwards Plateau, was initiated in response to a petition from citizens and officials of Glasscock, Irion, Midland, Reagan, and Upton Counties to the Texas Water Rights Commission to designate an underground water reservoir or subdivision of an underground water reservoir under the provisions of the Underground Water Conservation Act (Article 7880-3c) enacted by the Fifty-first Legislature in 1949. The statute requires designation of an underground water reservoir or subdivision prior to the creation of an Underground Water Conservation District. The purpose of the investigation was to collect and compile basic data in the area to provide the Texas Water Rights Commission with information to determine if a reservoir or subdivision exists in the area and to determine its extent.

The investigation in Reagan County is also part of an overall regional investigation of the ground-water resources of the Edwards Plateau, a study encompassing all or parts of 26 counties. This study will determine and describe the occurrence, availability, and chemical quality of the ground-water resources in the region.

This report contains the basic data collected in Reagan County. The first two in a series of basic data reports on selected counties in the Edwards Plateau region, Report 132, *Water Well and Ground-Water Chemical Analysis Data, Schleicher County, Texas* and Report 143, *Water Well and Ground-Water Chemical Analysis Data, Glasscock County, Texas* have been published. Subsequent reports presenting data collected in Irion, Sutton, and Sterling Counties are in preparation and will be published.

## LOCATION AND EXTENT

Reagan County is located in the southwestern part of Texas in the physiographic province known as the Edwards Plateau (Figure 1). It is situated approximately

between 101°15' and 101°50' west longitude and 31°05' and 31°40' north latitude. The county is bounded on the north by Glasscock County; on the east by Irion, Tom Green, and Sterling Counties; on the south by Crockett County; and on the west by Upton County. Reagan County covers an area of 1,133 square miles and ranges in elevation from approximately 2,400 to 2,900 feet above mean sea level.



Figure 1.—Location of Reagan County

## METHOD OF INVESTIGATION

Collection of field data in Reagan County began in February 1966, and was completed in May 1966. Initially, the United States Department of Agriculture Office of Agricultural Stabilization and Conservation was visited to obtain information about the farm and ranch locations and boundaries throughout the county. Public officials, landowners, and lessees were contacted to obtain basic information on the well location, depth, and water use, such as domestic, livestock, irrigation, industrial, or public supply. Each well was visited, if possible, to measure the static water level, and water samples from representative wells were collected for chemical analysis. Locations of wells were ascertained by aerial photographs. There were 812 water wells inventoried and 277 water samples collected for chemical analysis (Tables 1 and 2).

## HISTORICAL DATA

Selected basic data from previously published ground-water reports and other sources have been included in the tables of this report. These data have been included for purposes of comparison and continuity. The sources of these data are as follows:

1. Texas Water Development Board Bulletin 5903, *Records of Water-Level Measurements in Crockett, Glasscock, Reagan, Upton, and Terrell Counties, Texas, 1937 Through 1957, 1959.*
2. Texas Board of Water Engineers duplicated report, *Glasscock County Records of Wells, Drillers' Logs, and Water Analyses, and Map Showing Location of Wells, 1937.*
3. Water well inventory records and chemical analyses of water located in the files of the Texas Water Development Board. These records were collected in 1960 and 1961 during a reconnaissance investigation of ground-water resources in the Colorado River basin.
4. *A Report on Ground-Water Conditions in Reagan County and Vicinity*, William F. Guyton and Associates, Consulting Ground-Water Hydrologists, 1956 (unpublished).
5. *Report on Ground-Water Conditions in the Stiles Area, Reagan County, Texas*, William F. Guyton and Associates, Consulting Ground-Water Hydrologists, 1958 (unpublished).
6. *Reagan County Water Supply District*, Ed L. Reed, Consulting Ground-Water Hydrologist, 1959, (unpublished).
7. Records of various oil companies such as El Paso Natural Gas Company, Southland Royalty Company, Humble Oil and Refining Company, Texas Natural Gas Company, and Plymouth Oil Company; and Records of the Reagan County Water Supply District.

## WELL-NUMBERING SYSTEM

The numbers assigned to wells in this report conform to the state-wide well-numbering system used by the Texas Water Development Board. Each well is

assigned a number to facilitate record keeping, electronic data processing, and locating the well within the State. The system is based on division of the State into quadrangles formed by degrees of latitude and longitude, and repeated division of these quadrangles into smaller ones as illustrated in Figure 2.

The largest quadrangle, a 1-degree quadrangle, is divided into sixty-four 7½-minute quadrangles. Each 1-degree quadrangle in the State has been assigned a number for identification. The 7½-minute quadrangles are numbered consecutively from left to right beginning in the upper left hand corner of the 1-degree quadrangle. The 2½-degree quadrangles within the 7½-minute quadrangles are similarly numbered from 1 to 9. The first two digits of a well number identify the 1-degree quadrangle, the third and fourth digits identify the 7½-minute quadrangle, the fifth digit identifies the 2½-minute quadrangle, and the last two digits designate the order in which the well was inventoried within the 2½-minute quadrangle. In addition to the 7-digit well number, a 2-letter prefix is used to identify the county. The prefix for Reagan County is UZ.

On the well location map (Figure 3), only the last three digits of the well number are shown at the location of the well; the second two digits are shown in the northwest corner of each 7½-minute quadrangle. The first two digits are not shown on the map since Reagan County is located entirely within 1-degree quadrangle 44.

## ACKNOWLEDGEMENTS

The success of any ground-water investigation is dependent upon the cooperation of those in the area of study. The authors wish to express their many thanks to the ranchers, farmers, and others who gave of their time to supply information about their wells. Particular appreciation goes to S. E. Stout, Jr., County Judge; the Reagan County Commissioners Court; and especially E. O. Nevills, County Agricultural Agent, who was helpful in many ways. The United States Department of Agriculture Office of Agricultural Stabilization and Conservation provided the use of aerial photographs; for this we are grateful.

## PERSONNEL

Texas Water Development Board personnel who assisted in the collection of the basic data in Reagan County are geologists Daniel A. Muller, Herbert E. Couch, Richard D. Preston, and Ruben M. Frank.

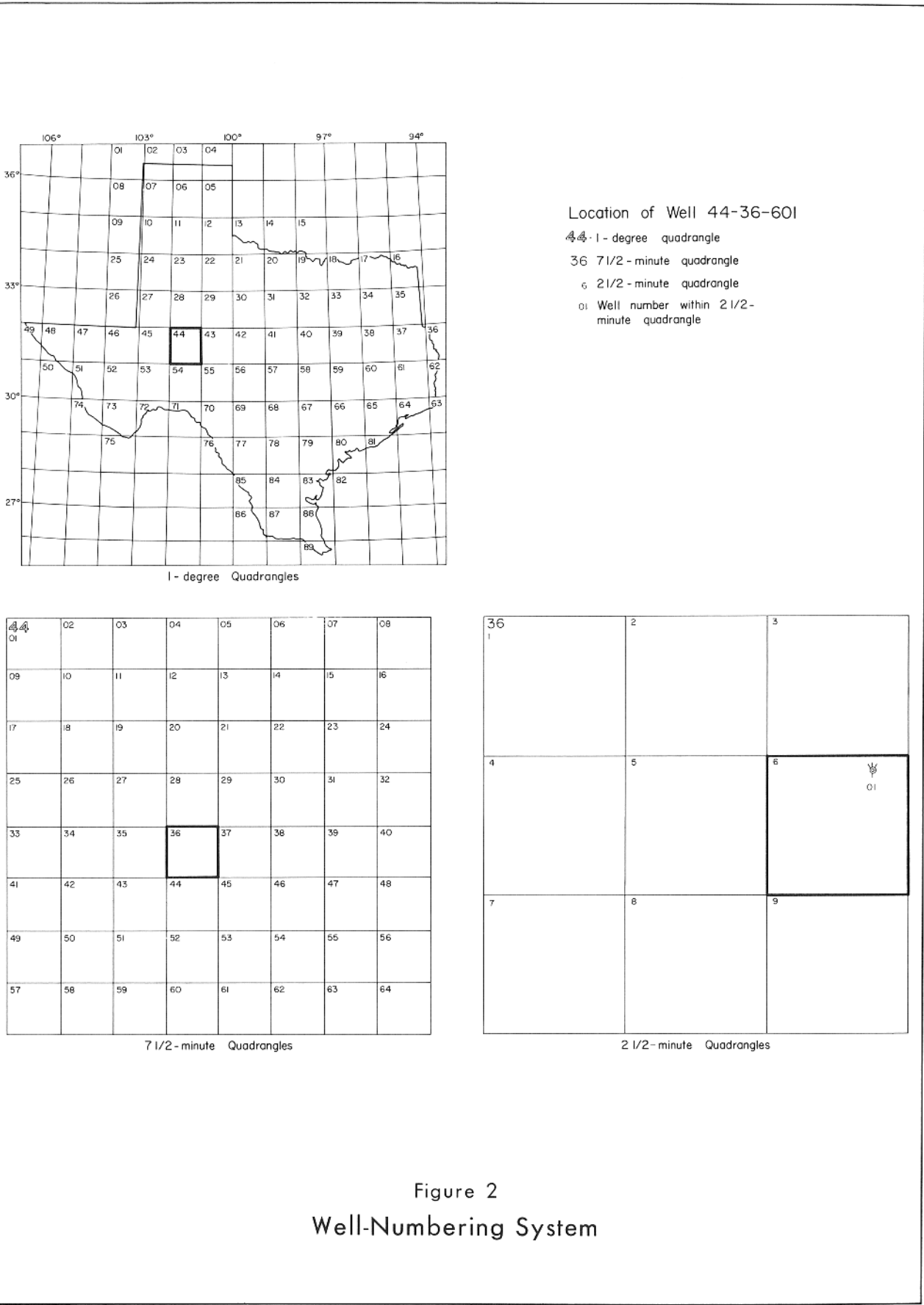


Figure 2  
Well-Numbering System

Table 1.--Records of Wells in Reagan County

All wells are drilled unless otherwise noted in remarks.  
 Water-bearing unit : Qal, Alluvium; Kea, Edwards and associated limestones; Kt, Trinity Sand; Trs, Santa Rosa Sandstone.  
 Altitudes of land surface are determined from oil company seismograph control maps.  
 Water Levels : Reported water levels given in feet; measured water levels given in feet and tenths.  
 Method of lift and type of power: C, cylinder; Cf, centrifugal; E, electric; G, natural gas, butane, or gasoline; H, hand; J, jet; N, none; S, submersible; T, turbine; W, windmill.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-18-902	El Paso Natural Gas Company	--	1960	300	12	300	Kea,Kt	2,724	144 126.6	Aug. 29, 1960 Oct. 25, 1965	T,E	Ind	Reported yield 225 gpm. Casing perforated 116 to 229 feet and 257 to 299 feet.
*	do	--	1953	965+	--	--	Trs	--	--	--	S,E	Ind	Reported yield 116 gpm.
* 906	do	--	1952	295	--	--	Kea,Kt	2,724	104 130.3 126.5	Sept. 3, 1952 Oct. 25, 1965 Jan. 31, 1966	T,E	Ind	Reported yield 90 to 100 gpm.
907	do	--	1952	245	--	--	Kea, Kt	2,724	104 126.8	Sept. 6, 1952 Oct. 25, 1965	T,E	Ind	Do.
909	do	--	1960	302	12	302	Kea,Kt	2,724	144 127.0 128.3	Sept. 7, 1960 Mar. 6, 1966 Mar. 29, 1966	N	N	
912	Leonard Proctor	--	--	112	6	--	Kea	2,722	86.2	Apr. 9, 1937	C,W	S	Well 377. <u>l</u>
19-702	E.G. Wilde	Domingo Rios	--	160	8	10	Kea	2,696	82.5 131.5 124.7	Apr. 2, 1937 Feb. 23, 1966 Nov. 29, 1966	C,W	S	Well 373. <u>l</u>
* 703	do	do	1952	275	10	12	Kea,Kt	2,705	128.8	do	S,E	Irr	Reported yield 80 gpm.
704	Leonard Proctor	Joe Woodley	--	250+	5-1/2	12	Kea,Kt	2,708	121.2	Mar. 1, 1966	C,W	S	
705	do	do	--	150	6	10	Kea	2,695	87.5 132.0	Apr. 9, 1937 Mar. 1, 1966	C,W	S	Well 374. <u>l</u>
801	E.G. Wilde	Domingo Rios	--	150+	6	--	Kea,Kt	2,691	119.6 135.4	Feb. 24, 1961 Feb. 23, 1966	N	N	Formerly supplied water for oil well drilling operations.
* 802	W.R. Schwartz	Wilbert Pokorny	1961	325	12	10	Kea,Kt	--	119.0	July 5, 1961	S,E	Irr	Reported yield 65 gpm.
803	Katherine Atkinson	Ronnell McDaniel	--	190	6	10	Kea,Kt	2,700	151.5	June 28, 1966	C,W	S	
804	W.R. Schwartz	Wilbert Pokorny	1962	300	6	300	Kt	2,703	133.2	Nov. 29, 1966	S,E	Irr	Reported yield 60 gpm. Casing slotted from 200 feet to total depth.
805	W.R. Schwartz	Wilbert Pokorny	1964	320	8	320	Kt	2,703	124.6	Nov. 29, 1966	T,E	Irr	Reported yield 55 gpm. Casing slotted from 220 feet to total depth.

See footnotes at end of table.



Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		WATER- BEAR- ING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-19-808	Shell Oil Company	--	1951	200	6	200	Kt	2,691	101	1951	T,E	D	Reported yield 20 gpm. Casing slotted from 156 to 196 feet.
901	Douglas Cauble	--	1954	230	7	10	Kt	--	83.5 93.5 119.2 123.6	Apr. 2, 1937 Nov. 23, 1959 Feb. 16, 1961 Dec. 28, 1961	C,W	S	Well daepened from 135 to 230 feet in 1954. Well 349. <u>1</u>
* 902	do	--	1939	220	7	10	Kt	--	--	--	C,W	D,S	
904	do	-- Long	1953	220	--	--	Kt	--	--	--	C,E	D	
905	do	James Freeman	1954	220?	--	--	Kt	--	--	--	C,E	P	Water supply for cafe.
908	F.M. Pearce	Douglas Cauble	1954	220	7	--	Kt	2,684	135.6	Feb. 7, 1966	N	N	Formerly supplied water for oil well drilling operation.
20-702	W.H. Howard Estate	Loyd C. Hardy	1950	250	5-1/2	12	Kt	--	--	--	C,W	S	
706	do	do	1936	169	6	10	Kt	--	72.7	Apr. 14, 1937	N	N	Unable to measure water level in March 1966. Well 348. <u>1</u>
707	Douglas Cauble	W.F. Hale	1952	220?	--	--	Kt	--	--	--	C,W	D	
* 708	do	--	1950	230	7	12	Kt	2,684	130	1966	C,W	S	
709	do	Billy Joe Brown	1952	220?	--	--	Kt	--	--	--	J,E	D	
801	E.J. Helwig	--	1949	320	12 12	15 285-320	Kt	2,680	87.6 116.2 162.8 178.4	Apr. 10, 1950 Dec. 3, 1955 Dec. 21, 1960 Dec. 3, 1968	S,E	Irr	Reported yield 400 gpm. Water level observation well. Well 1. <u>2</u>
802	do	--	1959	279+	12	15	Kt	--	117	July 1960	T,E	Irr	Reported yield 100 gpm.
803	Alfred J. Schwartz	--	1960	270	12 10	14 170-270	Kt	2,678	164.7 175.2	July 12, 1960 Nov. 29, 1966	T,E	Irr	Reported yield 115 gpm.
* 806	C.E. Schaefer	Florence Wilde	1957	285	10	10	Kt	2,678	163.4 180.6	Jan. 17, 1963 Nov. 29, 1966	T,E	Irr	Reported yield 50 gpm.
807	E.J. Helwig	--	1961	270	12	18	Kt	2,678	165.2 177.9	Jan. 17, 1961 Feb. 10, 1966	T,E	Irr	Reported yield 150 gpm.
808	M.E. Saunders	L.B. Hoelscher	1949	255	10	10	Kt	2,678	151.4 163.7	Jan. 17, 1961 Nov. 29, 1966	T,E	Irr	Reported yield 400 gpm.
809	T.I. Green	A.F. Henricks	1954	250	12	12	Kt	2,677	165.4 180.8	Jan. 17, 1961 Nov. 29, 1966	T,E	Irr	Reported yield 70 gpm.
* 810	do	do	1950	350	12	12	Kt	2,678	163.8 182.1	Jan. 17, 1961 Nov. 29, 1966	S,E	Irr	Reported yield 40 gpm.
815	Fred J. Hoelscher	--	1958	257	--	--	Kt	--	150.0	Jan. 14, 1961	T,E	Irr	Reported yield 80 gpm.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-20-820	C.E. Schaefer	Florence Wilde	1962	300	10	10	Kt	2,676	179.8	Nov. 29, 1966	T,E	Irr	Reported yield 150 gpm.
*	Alfred J. Schwartz	--	1961	264	10	14	Kt	--	--	--	S,E	Irr	Reported yield 70 gpm.
822	do	--	1966	351	13	12	Kt	2,679	163.0 158.2	Feb. 15, 1966 Nov. 29, 1966	N	N	Reported yield 145 gpm. Abandoned irrigation well.
823	do	--	1966	330	--	--	Kt	2,680	159.6 160.0	Feb. 15, 1966 Nov. 29, 1966	N	N	Abandoned irrigation well.
824	Mrs. Margaret Bedman	L.B. Hoelscher	1956	2607	10	10	Kt	2,676	185.2	do	S,E	Irr	Reported yield 45 gpm.
826	M.E. Saunders	do	1950	240	6	240	Kt	--	--	--	T,E	Irr	Reported yield 30 gpm.
827	do	do	1963	265	10	10	Kt	--	--	--	N	N	Reported yield 30 gpm. Abandoned irrigation well.
829	T.I. Green	A.F. Henricks	1964	250	10	12	Kt	--	--	--	S,E	Irr	Reported yield 40 gpm.
848	E.J. Helwig	--	1962	280	12	18	Kt	2,678	179.7	Feb. 10, 1966	S,E	Irr	Reported yield 60 gpm.
849	C.E. Schaefer	Florence Wilde	1959	285	10	10	Kt	--	--	--	T,E	Irr	Reported yield 170 gpm.
901	M.A. Braden	--	1960	300	12	12	Kea,Kt	--	--	--	T,E	D,Irr	Reported yield 80 gpm.
* 902	Florence Wilde	--	1959	340	10	12	Kt	2,670	137.5 188.1	Jan. 17, 1961 Nov. 30, 1966	S,E	Irr	Reported yield 170 gpm.
903	R.B. Wilde	Leroy and Floyd Wilde	1947	300	12	10	Kea,Kt	--	87.1 115.9 134.7 123.4	Dec. 9, 1952 Dec. 7, 1957 Dec. 3, 1963 Dec. 3, 1968	S,E	Irr	Reported yield 55 gpm. Water level observation well. Well 12.
904	E.C. Braden	M.A. Braden	1954	300	12	12	Kea,Kt	2,670	123.8 164.4	Jan. 17, 1961 Nov. 30, 1966	S,E	Irr	Reported yield 80 gpm.
905	R.B. Wilde	Leroy and Floyd Wilde	1948	210	10	12	Kt	2,669	133.4 186.0	Jan. 17, 1961 Nov. 29, 1966	S,E	D,Irr	Reported yield 40 gpm.
906	Florence Wilde	--	1956	300	10	12	Kt	2,674	144.9 176.6	Jan. 17, 1961 Nov. 30, 1966	T,E	Irr	Reported yield 120 gpm.
907	do	--	1947	200	--	--	Kt	--	139.3 149.2	Jan. 17, 1961 Jan. 4, 1962	C,W	N	Abandoned well.
* 910	do	--	1949	317	10	12	Kea,Kt	2,667	96.6 107.5 142.1 181.6 190.4	Sept. 19, 1949 Dec. 8, 1954 Dec. 21, 1960 Dec. 4, 1964 Dec. 3, 1968	T,E	D,Irr	Reported yield 100 gpm. Water level observation well. Well 2.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-20-911	M.A. Braden	--	1949	312	12	12	Kt	2,670	96.1	Sept. 19, 1949	N	N	Water level observation well. Well 3. 2/
912	do	--	1952	228	12	14	Kea?, Kt	2,670	106.1	Dec. 8, 1954			
* 913	Florence Wilde	--	1950	340	10	12	Kea, Kt	2,675	130.9	Dec. 4, 1959	S, E	D, Irr	Reported yield 60 gpm. Casing slotted from 180 feet to total depth.
* 914	do	--	1962	310	10	12	Kt	--	184.1	Dec. 4, 1964	S, E	Irr	Reported yield 65 gpm. Casing slotted from 175 feet to total depth.
915	do	--	1962	335	10	12	Kea, Kt	2,667	192.2	Dec. 3, 1968	S, E	Irr	Reported yield 120 gpm. Casing slotted from 175 feet to total depth.
916	do	--	1900's	300	--	--	--	--	96.1	Sept. 19, 1949	C, W	S	
* 918	R.B. Wilde	--	1959	290	10	10	Kea, Kt	--	104.5	Apr. 10, 1950	T, E	Irr	Reported yield 85 gpm.
919	do	--	1965	290	5	290	Kea, Kt	--	102.5	Dec. 9, 1952	S, E	D, Irr	Reported yield 40 gpm. Casing slotted from 230 feet to total depth.
920	E.C. Braden	M.A. Braden	1962	--	8	--	Kea, Kt	2,670	176.0	Nov. 30, 1966	S, E	Irr	Reported yield 70 gpm.
21-701	Otis Lane	Ralph Hoelscher	1966	400	12	5	Kea, Kt	2,685	--	--	S, E	Irr	Pumping level 281.9 feet below land surface on March 3, 1966.
710	J.H. Cox	--	1927	260	--	--	Kt	2,670	204.1	June 9, 1966	C, W	S	
* 801	Mrs. Clay Wells	R.B. Cowper	--	--	--	--	Kea, Kt	--	--	--	C, W	S	
803	J. Marvin Rape	David Burns	--	--	--	--	Kea, Kt	2,686	187.4	Mar. 11, 1966	C, W	S	
* 901	Mrs. Clay Wells	R.B. Cowper	--	190	--	--	Kea, Kt	2,683	130.8	Feb. 24, 1961	C, W	S	
22-707	J.E. Bynum	Copeland Brothers	--	175	--	--	Kea, Kt	2,680	142.0	Mar. 3, 1966	C, N	S	
* 708	do	do	--	--	--	--	Kea, Kt	--	--	--	C, W	S	
709	Sallie Fox	I.W. Terry	--	--	--	--	Kea, Kt	2,660	126.4	Mar. 11, 1966	C, W	S	
* 801	Sarah Hull and Sallie Fox	do	--	--	--	--	Kea, Kt	2,660	151.1	do	C, W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-26-301	B. Sherrod, et al.	Douglas Cauble	1950's	300	12	3	Kea,Kt	2,708	107.3	Aug. 22, 1961	N	N	Abandoned irrigation well.
*	Leonard Proctor	Joe Woodley	--	290	5-1/2	12	Kea,Kt	2,710	121.6	Aug. 8, 1966	C,W	S	
603	B. Sherrod, et al.	Douglas Cauble	1963	360	None	--	Kea,Kt	2,703	116.3	Mar. 2, 1966	N	N	Uncased hole. Drilled as a core test.
605	do	do	1950's	300	10	15	Kea,Kt	2,685	124.6	Feb. 8, 1966	N	N	Abandoned irrigation well.
609	Lottie Jolonick, et al.	Jim Daniel	1954	290	8	10	Kea,Kt	--	--	do	C,W	S	
610	Leonard Proctor	Joe Woodley	1964	265	8	265	Kea,Kt	2,700	117.3	Mar. 2, 1966	T,E	Irr	Reported yield 272 gpm.
611	do	do	1964	265	8	265	Kea,Kt	2,700	117.5	do	T,E	Irr	Reported yield 280 gpm.
* 902	B. Sherrod, et al.	Douglas Cauble	1964	235	7	15	Kea,Kt	2,678	120.9	Dec. 13, 1965	C,W	S	Water level in well located 30 feet southwest of this well measured 123.2 feet below land surface on February 8, 1966.
903	do	do	--	200+	7	--	Kea,Kt	2,685	106.8	Feb. 8, 1966	C,W	S	
27-101	Leonard Proctor	Joe Woodley	1954	200	14	200	Kea,Kt	2,630	20.2	Feb. 24, 1961	T,G	N	Reported yield 200 gpm. Unused irrigation well.
102	do	do	--	160	--	--	Kea,Kt	2,635	30.2	Feb. 27, 1962	C,W	N	
103	do	do	1962	150	6	8	Kea,Kt	--	34.7	Mar. 2, 1966	S,E	D	
* 104	do	do	--	--	6	12	Kea,Kt	2,675	92.8	Mar. 2, 1966	C,W	D,S	
* 105	do	do	1958	--	--	--	Kea,Kt	2,692	126.4	Mar. 1, 1966	C,W	S	
* 201	The Nunn Company	--	1958	300	5-1/2	12	Kt	--	106.5	Nov. 20, 1959	C,W	S	
202	Leonard Proctor	Joe Woodley	--	--	--	--	Kea,Kt	2,693	113.9	Mar. 1, 1966	C,W	S	
301	Katherine Atkinson	Ronnel McDaniel	1941	225	6	10	Kt	--	--	do	C,W	S	
302	W.R. Schwartz	Edward Plagens, Jr.	1959	320	12	18	Kt	--	103.8	Feb. 15, 1961	T,G	Irr	Reported yield 200 gpm.
303	do	do	1959	260	12	18	Kt	2,665	105.7	do	T,G	Irr	Reported yield 80 gpm.
305	Edward Plagens, Jr.	--	1962	340	12	15	Kt	2,678	145.6	Feb. 16, 1966	S,E	Irr	Reported yield 100 gpm. Casing slotted from 200 feet to total depth.
306	do	--	1950	220	6	--	Kt	2,680	150.9	do	T,G	Irr	Reported yield 100 gpm.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-27-307	Edward Plagens, Jr.	--	1962	300	10	10	Kt	--	--	--	S,E	Irr	Reported yield 90 gpm.
308	H.J. Mikulik	Bill Mikulik	1962	210	16 8	14 150-310	Kt	--	--	--	S,E	Irr	Reported yield 180 gpm. Casing slotted from 150 feet to total depth.
309	do	do	1963	250	10 6	12 130-250	Kt	2,672	142.5	Feb. 16, 1966	S,E	Irr	Reported yield 65 gpm. Casing slotted from 130 feet to total depth.
* 310	The Nunn Company	--	1964	245	10 8	12 0-245	Kt	--	--	--	S,E	D,S	
311	Guy Dixon	D.A. Dumas	1965	285	10 8	20 140-285	Kt	2,666	150.4	Feb. 28, 1966	S,E	S,Irr	Reported yield 75 gpm. Casing slotted from 140 feet to total depth.
312	W.R. Schwartz	Edward Plagens, Jr.	1964	300	12	15	Kt	--	--	--	T,G	Irr	
401	J.G. Stevenson Estate	George L. Aldwell	1950's	215	8	--	Kea,Kt	2,682	120.3	Mar. 8, 1966	N	N	Well drilled by Humble Oil and Refining Company and formerly used to supply water for oil well drilling operations.
402	The Nunn Company	--	1950's	267	8 6	-- --	Kea,Kt	2,684	98.9 120.8	Oct. 20, 1961 Mar. 3, 1966	N	N	Do.
403	Leonard Proctor	Joe Woodley	--	--	--	--	Kea,Kt	2,690	117.9	Mar. 1, 1966	C,W	S	
* 404	do	do	--	--	--	--	Kea,Kt	2,681	95.0	do	C,W	S	
* 405	Cal Johnson	Clint Edgar	1962	260	10	16	Kea,Kt	--	--	--	C,W	S	
* 406	George L. Aldwell Estate	do	1962	146	8	12	Kea,Kt	2,685	114.7	Mar. 8, 1966	C,W	S	
* 501	The Nunn Company	--	1962	300	--	--	Kt	2,665	76.0 127.6	Nov. 20, 1959 Mar. 4, 1966	C,W	S	
502	The Nunn Company	--	1958	135	--	--	Kt	2,680	85.0 90.3	Nov. 20, 1959 Feb. 16, 1961	C,W	S	
503	Southland Royalty Company	--	1950's	--	7	--	Kt	2,665	137.2 146.3 127.1	Nov. 9, 1962 Sept. 12, 1963 Mar. 23, 1966	N	N	
504	Tidewater Oil Company	--	1966	200	5-1/2	200	Kt	2,660	--	--	J,E	Ind	Reported yield 60 gpm. Casing slotted from 140 feet to total depth.
601	L. Miguel Estate	The Nunn Company	1963	248	--	--	Kt	--	86.8	Nov. 20, 1959	C,W	S	
602	Jim Daniel	--	1956	300	10	10	Kt	--	--	--	T,G	Irr	Reported yield 300 gpm.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-27-603	A.C. Preston	J.L. Allen, Jr.	--	172	6	12	Kt	2,669	51.5 142.5	Nov. 20, 1959 Mar. 1, 1966	C,W	S	
604	Marvin Hamz and Frank Gulden	D.A. Dumas	--	100?	5-1/2	12	Kea	2,674	54.1 70.0	Nov. 23, 1959 Feb. 28, 1966	C,W	S	
605	Jim Daniel	--	1960	300	16 11	12 60-240	Kea?,Kt	2,664	57.1 99.3	Feb. 10, 1961 Feb. 24, 1966	N	N	Reported yield 125 gpm. Abandoned irrigation well. Casing slotted from 60 to 240 feet.
606	D.A. Dumas	--	1960	230	12	20	Kt	2,670	104.7 147.1	Feb. 10, 1961 Feb. 28, 1966	N	N	Reported yield 125 gpm. Abandoned irrigation well.
607	do	--	1960	337	12 10	0-10 145-337	Kt	--	110.2	Feb. 10, 1961	T,G	Irr	Reported yield 180 gpm. Casing slotted from 140 feet to total depth.
* 608	do	--	1960	240	8 6	20 140-240	Kt	--	--	--	S,F	D,S	Reported yield 125 gpm. Casing slotted from 140 feet to total depth.
609	Beryl Crossland	--	1965	295	--	--	Kt	2,678	153.8	Feb. 18, 1966	N	N	Reported yield 112 gpm. Abandoned irrigation well.
610	do	--	1966	295	10	12	Kt	--	--	--	N	N	Reported yield 122 gpm. Abandoned irrigation well.
* 611	H.H. Porter and Bass Elliott	--	--	290	8	--	Kt	2,665	152.9	Feb. 23, 1966	C,W	S	
612	Jim Daniel	--	1966	305	11	305	Kt	2,664	152.3	Feb. 25, 1966	N	N	Abandoned irrigation well.
613	D.A. Dumas	--	1963	258	10 8	20 138-258	Kea,Kt	--	--	--	T,G	Irr	Reported yield 120 gpm. Casing slotted from 138 feet to total depth.
614	do	--	1964	335	--	--	Kea,Kt	2,678	74.7	Feb. 28, 1966	N	N	Reported yield 35 gpm. Abandoned irrigation well.
615	D.A. Dumas	--	1964	290	12 8	20 140-290	Kea,Kt	2,672	87.3	Feb. 28, 1966	N	N	Reported yield 100 gpm. Abandoned irrigation well. Casing slotted from 140 feet to total depth.
* 616	John Portwood	D.A. Dumas	1964	280	12 10	20 140-280	Kea?,Kt	--	--	--	S,E	Irr	Reported yield 120 gpm. Pumping level 146.0 feet below land surface on February 28, 1966.
617	do	do	1965	290	12	20	Kt	2,672	157.1	Feb. 28, 1966	S,E	Irr	Reported yield 160 gpm.
618	Guy Dixon	do	1965	280	10 8	20 140-280	Kt	2,670	157.8	do	S,E	Irr	Reported yield 130 gpm. Casing slotted from 140 feet to total depth.
619	Southland Royalty Company	--	1962	300	8-5/8	297	Kt	2,664	145.8	Mar. 23, 1966	S,E	Ind	Casing slotted from 170 to 287 feet.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-27-702	Mrs. Ruby Wright	Jim Daniel	1954	290	8	10	Kea,Kt	--	--	C,W	S		
* 703	The Nunn Company	--	1960	300	--	--	Kea,Kt	--	--	C,W	S		
704	Cal Johnson	Clint Edgar	--	2004	--	--	Kea,Kt	2,670	Mar. 8, 1966	C,W	S		
* 705	George L. Aldwell Estate	do	1950's	265	6	12	Kea,Kt	2,665	do	C,W	S		
706	Cal Johnson	do	--	145	--	--	Kea,Kt	2,675	do	C,W	S		
* 801	The Nunn Company	--	1963	230	--	--	Kt	--	--	C,W	S		
802	George L. Aldwell Estate	Clint Edgar	1963	140	--	--	Kea,Kt	--	--	C,W	S		
* 803	The Southland Royalty Company	--	1962	310	8	180-310	Kt	--	--	S,E	Ind	Reported yield 80 gpm. Casing slotted from 182 feet to total depth.	
804	do	--	1962	920	10	763	Trs	2,660	Mar. 30, 1966	N	N	Reported yield 17.5 gpm. Casing set from surface to 763 feet. Open hole from 763 feet to total depth. Well never completed or used due to low yield during test.	
901	H. H. Porter and Bass Elliott	--	--	300	4	120-300	Kea?,Kt	--	--	C,W	N	Casing slotted from 120 feet to total depth.	
902	do	--	--	300	4	120-300	Kea?,Kt	--	July 5, 1962	C,W	S	Do.	
* 903	do	--	1964	300	--	--	Kea,Kt	--	--	C,W	S	Do.	
904	do	--	1964	300	--	--	Kea,Kt	2,663	Feb. 24, 1966	N	N	Abandoned irrigation well.	
905	Southland Royalty Company	--	1962	313	10	312	Kt.	2,662	Mar. 23, 1966	S,E	Ind	Reported yield 80 gpm. Casing slotted from 195 to 270 feet.	
* 906	do	--	1962	297	8	297	Kea,Kt	2,666	do	T,E	Ind	Reported yield 120 gpm. Casing slotted from 85 to 115 feet and 234 to 297 feet.	
* 907	do	--	1962	305	10	287	Kea,Kt	2,665	--	T,E	Ind	Reported yield 165 gpm. Casing slotted from 98 to 110 feet, 190 to 220 feet, and 225 to 270 feet.	
* 908	do	Southland Royalty Company	1961	243	10	243	Kt	--	--	T,E	Ind	Reported yield 100 gpm. Casing slotted from 189 feet to total depth.	
909	do	do	1962	313	8	313	Kt	2,664	Mar. 23, 1966	T,E	Ind	Reported yield 80 gpm. Casing slotted from 88 to 133 feet and from 263 feet to total depth.	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-28-101	Cynthia Malone Estate	Tom McKinzie	1965	180	6	15	Kt	2,678	109.9 124.0 146.7	Nov. 23, 1959 Dec. 28, 1961 Mar. 10, 1966	C,W	S	
102	Beryl Crossland	--	--	--	--	--	Kea,Kt	2,678	122.0 154.2	Nov. 23, 1959 Mar. 9, 1966	C,W	S	Reported yield 200 gpm. Abandoned irrigation well.
103	Frank Gulden	--	1943	790	10	--	Kt,Trs	2,674	148.5	do	N	N	
201	J.D. Jones, et al.	--	--	125+	--	--	Kea	2,676	74.6 85.7	Nov. 23, 1959 Mar. 9, 1966	C,W	S	
202	Beryl Crossland	--	1966	295	10	12	Kea,Kt	2,676	146.1	Feb. 18, 1966	N	N	Reported yield 144 gpm. Abandoned irrigation well.
203	J.D. Jones, et al.	--	1965	285	7	--	Kea,Kt	2,660	161.3	Mar. 23, 1966	N	N	Formerly used for oil well drilling operations.
* 204	Cynthia Malone Estate	Tom McKinzie	--	180	--	--	Kea,Kt	2,675	159.2	Mar. 10, 1966	S,E	D,S	
205	do	do	--	160	6	10	Kea,Kt	2,676	173.6	do	C,W	S	
301	M.A. Braden	--	1957	292	12 12	12 240-292	Kea,Kt	--	125.7	Jan. 17, 1961	S,E	Irr	Reported yield 85 gpm. Casing slotted from 240 feet to total depth.
302	J.D. Jones, et al.	--	--	--	6	12	Kea,Kt	2,669	114.5 160.5	Dec. 18, 1959 Mar. 9, 1966	C,W	S	
* 303	R.B. Wilde	Leroy and Floyd Wilde	1954	250	10	12	Kea,Kt	2,670	128.0 163.0	Jan. 17, 1961 Nov. 29, 1966	T,E	Irr	Reported yield 65 gpm.
304	do	do	1952	360	12	12	Kea,Kt	2,672	170.6	do	S,E	Irr	Reported yield 100 gpm.
305	R.B. Wilde	Leroy and Floyd Wilde	1964	290	10 8	12 170-290	Kea,Kt	2,671	--	--	S,E	Irr	Reported yield 40 gpm. Casing slotted from 260 feet to total depth.
* 306	J.D. Blankenship	--	1965	300	10 6	10 160-300	Kea,Kt	2,682	--	--	S,E	Irr	Reported yield 225 gpm. Casing slotted from 170 to total depth.
307	do	--	1963	300	10 5	12 160-300	Kea,Kt	2,682	163.0	Feb. 9, 1966	S,E	D,S	Reported yield 20 gpm. Casing slotted from 160 feet to total depth.
308	E.C. Braden	M.A. Braden	1954	--	--	--	Kea,Kt	2,670	167.7	Nov. 30, 1966	T,E	Irr	Reported yield 40 gpm.
309	M.A. Braden	--	--	--	10	12	Kea,Kt	--	--	--	S,E	Irr	Reported yield 60 gpm.
* 310	Mrs. Clay Wells	R.B. Cowper	--	--	--	--	Kea,Kt	2,670	173.0	Mar. 4, 1966	S,E	D	

See footnotes at end of table.



Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-28-313	James R. Duncan	L. C. Boyd	1964	300	10	10	Kea, Kt	2,681	154.6	Feb. 16, 1966	T, G	Irr	Reported yield 150 gpm. Casing slotted from 220 feet to total depth.
314	do	do	1963	300	10	10	Kea, Kt	2,682	151.3	do	T, G	Irr	Reported yield 175 gpm.
315	R. B. Wilde	Leroy and Floyd Wilde	1961	260	10	12	Kea, Kt	2,670	173.5	Nov. 29, 1966	T, E	Irr	Reported yield 65 gpm.
401	Beryl Crossland	--	--	--	--	--	Kea, Kt	--	--	--	C, N	D	
402	Herman Wiese	--	--	106	6	12	Kea	2,670	56.5	Nov. 29, 1959	C, N	S	
403	John Fearson	--	--	--	--	--	Kea	2,665	54.7	Nov. 23, 1959	C, N	S	
* 404	Jim Daniel	--	1952	390	10	10	Kea, Kt	--	--	--	S, E	Irr	Reported yield 200 gpm.
405	Beryl Crossland	--	1965	295	--	--	Kt	2,672	124.1	Feb. 18, 1966	N	N	Reported yield 72 gpm. Abandoned irrigation well.
* 406	The Nunn Company	E. G. Cauble, Jr.	1958	300	--	--	Kt	--	--	--	C, N	S	
407	Jim Daniel	--	1966	210	6	210	Kea?, Kt	2,664	79.0	Feb. 24, 1966	S, E	D	Reported yield 150 gpm. Casing slotted from surface to total depth.
408	W. L. Beaty	Pete Srader	1966	280	12	15	Kea, Kt	2,669	166.3	May 16, 1966	S, E	Irr	Reported yield 135 gpm. Casing slotted from 130 feet to total depth.
409	do	do	1966	255	12	15	Kea, Kt	2,666	68.8	do	S, E	Irr	Reported yield 90 gpm. Casing slotted from 130 to total depth.
410	W. L. Beaty	Pete Srader	1966	290	12	15	Kea, Kt	2,669	178.0	May 16, 1966	S, E	Irr	Reported yield 100 gpm. Casing slotted from 130 feet to total depth.
411	do	do	1966	300	12	15	Kea, Kt	2,668	181.0	do	S, E	Irr	Reported yield 145 gpm. Casing slotted from 130 feet to total depth.
501	Siler E. Williams	--	1965	265	--	--	Kea, Kt	2,654	120.9	Feb. 16, 1966	N	N	Abandoned irrigation well.
502	E. G. Cauble, Jr.	--	1940	200	6	10	Kea, Kt	2,662	102.4	Mar. 21, 1966	C, W	S	
* 503	do	--	1956	210	6	20	Kea, Kt	2,662	106.0	do	S, E	D	
504	do	--	1941	210	6	10	Kea, Kt	2,662	163.0	do	C, W	S	
505	do	--	1941	200	6	10	Kea, Kt	--	--	--	C, W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-28-506	E.G. Cauble, Jr.	--	1940	200	6	10	Kea,Kt	--	--	C,N C,E	D,S		
601	do	--	1962?	210	6	10	Kea,Kt	--	--	C,W	S		
602	Prentice Williams	--	--	--	--	--	Kea,Kt	87.2	Feb. 24, 1961	C,W	N	Well was caved in at 102 feet when visited on March 21, 1966.	
603	B.J. Keesee	--	1963	405	12	8	Kea,Kt	2,674	Dec. 28, 1961 May 11, 1966	N	N	Reported yield 300 gpm. Abandoned irrigation well.	
* 604	G. Lester Jansa	--	1963	390	10	200-390	Kea,Kt	--	--	T,E	Irr	Reported yield 200 gpm. Casing slotted from 295 feet to total depth.	
605	do	--	1963	300	8	200-300	Kea,Kt	--	--	N	N	Casing slotted from 250 feet to total depth. Abandoned irrigation well.	
606	G.A. Jansa	--	1963	325	8	225-325	Kea,Kt	--	--	T,E	Irr	Reported yield 100 gpm. Casing slotted from 275 feet to total depth.	
607	Alfon Jansa	--	1964	290	8	200-290	Kea,Kt	2,671	Feb. 10, 1966	N	N	Reported yield 80 gpm. Abandoned irrigation well.	
608	do	--	1966	300	8	200-300	Kea,Kt	2,667	do	N	N	Abandoned irrigation well.	
609	J.D. Blankenship	--	1963	320	12 10	12 190-320	Kea,Kt	2,686	Feb. 9, 1966	S,E	Irr	Reported yield 285 gpm. Casing slotted from 140 feet to total depth.	
610	do	--	1963	320	12 10	12 170-320	Kea,Kt	2,682	do	T,G	Irr	Reported yield 325 gpm. Casing slotted from 170 feet to total depth.	
611	Prentice Williams	--	1965	315	6	12	Kea,Kt	--	--	N	N	Abandoned irrigation well.	
612	Leo Duwall	--	1964	300	10	15	Kea,Kt	2,670	Feb. 18, 1966	N	N	Reported yield 125 gpm. Abandoned irrigation well.	
613	do	--	1964	300	10	20	Kea,Kt	2,667	do	T,E	Irr	Reported yield 150 gpm. Abandoned irrigation well.	
614	do	--	1964	300	10	20	Kea,Kt	2,660	do	T,F	Irr	Reported yield 150 gpm.	
615	do	--	1964	300	12	20	Kea,Kt	2,655	do	T,F	Irr	Reported yield 200 gpm.	
616	do	--	1965	300	12	20	Kea,Kt	2,662	do	T,G	Irr	Do.	
617	R.M. Browder	--	1963	320	12	14	--	2,673	Nov. 24, 1966	T,G	Irr	Reported yield 180 gpm.	
618	Dr. John Paul Jones	--	1964	412	--	--	Kea,Kt	2,668	--	S,E	Irr	Reported yield 100 gpm.	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-28-619	Charles H. Coleman	--	1963	320	12	8	Kea,Kt	--	--	--	T,G	N	Reported yield 350 gpm. Unused irrigation well.
* 620	Edwin J. Schiller	--	1963	308	12	18	Kea,Kt	2,666	98.2	May 12, 1966	T,G	Irr	Reported measured yield 402 gpm.
* 621	do	--	1964	226	6	18	Kt	2,664	169.1	May 17, 1966	S,E	D	
701	Ruby J. Wright	Jim Daniel	--	300?	--	--	Kea,Kt	2,666	50.0?	Dec. 8, 1959	G,W	S	
702	Hoch Brothers	J.B. Everidge	1958	--	--	--	Kea,Kt	2,670	138.9	Dec. 7, 1960	N	N	Abandoned irrigation well.
703	The Nunn Company	E.G. Cauble, Jr.	1962	310	--	--	Kea,Kt	--	--	May 13, 1966	C,W	S	
704	Hoch Brothers	J.B. Everidge	1963	260	12	20	Kea,Kt	2,666	138.6	Dec. 7, 1960	N	N	Abandoned irrigation well.
705	Peters, Stewart, et al.	--	1959	213	13	--	Kea,Kt	2,665	125.3	Dec. 9, 1961	N	N	Do.
707	Geo. W. Jolonick, et al.	Jim Daniel	--	300	--	10	Kea,Kt	2,660	79.7	Dec. 28, 1961	C,W	S	
708	Peters, Stewart, et al.	--	--	--	12	--	Kea,Kt	2,659	184.2	Apr. 4, 1966	N	N	Abandoned irrigation well.
709	Hoch Brothers	J.B. Everidge	--	--	12	--	Kea,Kt	2,666	122.1	Feb. 24, 1966	N	N	Do.
710	do	do	1966	345	12	30	Kea,Kt	2,666	187.8	do	N	N	Do.
711	do	do	--	--	--	--	Kea,Kt	2,666	186.8	do	N	N	Do.
* 801	E.C. Braden	--	1958	380	14	14	Kea,Kt.	2,660	104.0	May 1958	S,E	Irr	Reported yield 225 gpm.
802	E.C. Braden	--	1958	335	14	12	Kea,Kt	--	137.2	Feb. 10, 1961	T,E	Irr	Reported yield 125 gpm.
803	H.A. Biedermann	L.J. Schwertner	1961	360	10	200	Kea,Kt	2,662	105.6	Dec. 7, 1960	T,G	Irr	Reported yield 200 gpm.
804	Peters, Stewart, et al.	--	1959	300+	13	--	Kea,Kt	2,660	120.7	Dec. 7, 1960	N	N	Reported yield 300 gpm. Abandoned irrigation well.
805	do	--	1959	300+	12	--	Kea,Kt	2,660	121.4	Feb. 10, 1961	N	N	Reported yield 240 gpm. Abandoned irrigation well.
808	Hoch Brothers	J.B. Everidge	1936	225	6	10	Kea,Kt	2,667	140.8	Nov. 24, 1966	N	N	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-28-809	W.E. Ledbetter	--	1960	300	12	12	Kea,Kt	2,655	108.7	Feb. 10, 1966	N	N	Reported yield 185 gpm. Abandoned irrigation well.
810	do	--	1963	230	6	15	Kea,Kt	--	--	--	S,E	D	Reported yield 400 gpm.
* 811	Siler E. Williams	--	1962	138	16	12	Kea	2,658	96.0	Feb. 16, 1966	T,G	Irr	Reported yield 50 gpm. Abandoned irrigation well.
812	do	--	1963	245	12	12	Kea,Kt	2,658	90.4	do	N	N	Abandoned irrigation well.
813	do	--	1965	260	--	--	Kea,Kt	2,660	99.4	do	N	N	Abandoned irrigation well.
* 814	do	--	--	325	6	12	Kea,Kt	--	--	--	J,E	D	
* 815	E.G. Cauble, Jr.	--	1915	200	6	10	Kea,Kt	2,655	161.7	Mar. 21, 1966	C,W	S	
816	E.C. Braden	--	1958	402	12	12	Kt	2,660	189.1	May 11, 1966	T,G	Irr	Reported yield 80 gpm.
817	J.B. Everidge	--	1936	150±	6	10	Kea	2,664	100.5	May 22, 1966	N	N	
818	Hoch Brothers	J.B. Everidge	1966	275	4	20	Kea,Kt	2,665	187.4	do	N	N	Well drilled by Connally Oil Company. Formerly used for oil well drilling operations.
819	Siler E. Williams	--	1963	265	6	12	Kea,Kt	--	--	--	T,G	Ind	Used for oil well drilling operations.
901	Leonard and Homer Wilson	J.L. Brooks	1956	435	12	125 131-435	Kea,Kt Trs?	2,658	87.0 177.0 137.4	Dec. 18, 1958 Feb. 17, 1966 Oct. 16, 1959	S,E	Irr	Measured yield 252 gpm. Casing slotted from 131 feet to total depth.
* 902	Tom H. Davis	Siler E. Williams	1961	435	16	435	Kt,Trs	2,656	198.0	May 11, 1966	T,G	Irr	Measured yield 355 gpm.
903	Delores J. Allen	do	1965	295	--	--	Kea,Kt	2,662	96.0	Feb. 16, 1966	N	N	Abandoned irrigation well.
904	do	do	1963	290	16	12	Kea,Kt	2,660	116.5	Feb. 16, 1966	T,G	Irr	
905	R.W. Glass	--	1962	365	12	10	Kea,Kt	2,666	174.5	Feb. 18, 1966	N	N	Abandoned irrigation well.
906	do	--	1962	345	12	10	Kea,Kt	2,660	162.9	Nov. 24, 1966	S,E	Irr	Reported yield 120 gpm.
907	do	--	1963	322	8	10	Kea,Kt	2,658	98.1	do	T,G	Irr	Reported yield 175 gpm.
908	Edgar Glass	--	1962	420	12	10	Kea,Kt	2,658	70.5	Feb. 18, 1966	S,E	Irr	Reported yield 240 gpm.
909	Leo Duwall	--	1964	300	12	20	Kea,Kt	2,663	158.0	do	N	N	Reported yield 150 gpm. Abandoned irrigation well.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-28-910	J.C. Woodard	--	1964	350	12 10	15 280-350	Kea,Kt	2,665	93.9	Feb. 23, 1966	N	N	Abandoned irrigation well.
911	Leonard and Homer Wilson	J.L. Brooks	1958	425	12	400	Kea,Kt Trs?	2,638	170.6	Feb. 17, 1966	S,E	Irr	Reported yield 200 gpm. Casing slotted from 225 to 400 feet.
912	do	do	1964	425	8	425	Kea,Kt Trs?	2,657	174.8	do	S,E	Irr	Reported yield 200 gpm. Casing slotted from 225 feet to total depth.
913	do	do	1962	425	8	425	Kea,Kt Trs?	2,659	178.5	do	S,E	Irr	Reported yield 80 gpm. Casing slotted from 225 feet to total depth.
914	do	do	1963	375	12	7	Kea,Kt	2,660	120.5	do	N	N	Reported yield 50 gpm. Abandoned irrigation well.
915	Leslie Carlton, Jr.	--	1963	445	8	445	Kt,Trs	2,663	212.8	May 12, 1966	S,E	Irr	Reported yield 120 gpm. Casing slotted from 345 to total depth.
916	do	--	1963	326	12	226-326	Kea,Kt	2,665	102.0	do	N	N	Abandoned irrigation well.
* 917	do	--	1963	445	12	345-445	Kt,Trs?	2,660	200.0	do	S,E	Irr	Reported yield 150 gpm. Casing slotted from 345 feet to total depth.
918	Everett Berryhill	J.B. Everidge	--	--	--	--	Kea,Kt	2,660	99.4	May 22, 1966	N	N	Abandoned irrigation well.
* 29-101	Mrs. Clay Wells	--	1958	250	--	--	Kea,Kt	2,675	127.3 164.7	Feb. 10, 1961 Mar. 7, 1966	C,W	D,S	
103	do	--	--	--	--	--	Kea,Kt	2,680	170.9	do	C,W	S	
104	C.H. Suggs, et al.	Hamilton Scott	--	--	--	--	Kea,Kt	2,668	104.4	Mar. 4, 1966	C,W	S	
105	James R. Duncan	L.C. Boyd	1963	300	10 10	10 220-300	Kea,Kt	2,683	147.4	Feb. 16, 1966	T,G	Irr	Reported yield 175 gpm.
201	E.F. Braden	--	--	--	12	--	Kea,Kt	2,675	142.1 180.0	Feb. 1, 1961 Feb. 16, 1966	T,G	Irr	Reported yield 250 gpm.
* 202	Cecil Halfmann	--	1955	310	10	12	Kea,Kt	2,678	--	--	T,G	Irr	Reported yield 150 gpm.
203	C.H. Suggs, et al.	Hamilton Scott	--	--	--	--	Kea,Kt	2,680	178.9	Mar. 3, 1966	C,W	S	
* 204	do	do	--	--	--	--	Kea,Kt	2,660	165.3	do	C,W	S	
302	Cecil Halfmann	--	1965	310	10	12	Kea,Kt	2,658	189.8	Mar. 4, 1966	T,G	Irr	Reported yield 150 gpm.
303	C.H. Suggs, et al.	Hamilton Scott	--	300	--	--	Kea,Kt	--	--	--	C,W	S	
304	do	do	--	300	--	--	Kea,Kt	--	--	--	C,W	S	
402	Earl Whisenand	--	--	160	--	--	Kea,Kt	--	--	--	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-29-404	Earl Whisenand	--	--	180	--	--	Kea	2,670	104.7	Apr. 6, 1966	C,W	S	Reported yield 200 gpm.
405	do	--	1965	390	12	20	Kea,Kt	2,665	140.7	do	N	N	
* 406	C.H. Sugg, et al.	Hamilton Scott	--	320	--	--	Kea,Kt	--	--	--	S,E	D,S	
501	do	do	--	--	--	--	Kea,Kt	2,666	111.6	Dec. 9, 1952	C,W	S	Water level observation well. Well 14. $\frac{2}{2}$
* 601	Eddie Von Conten	--	1958	425	12	12	Kea,Kt	2,659	149.4	Dec. 7, 1960	T,E	D,S	Reported yield 200 gpm. Casing slotted from 270 feet to total depth.
602	do	--	1957	400	12	10	Kea,Kt	2,662	--	--	T,E	S,Irr	Reported yield 200 gpm. Pumping level 232.1 feet below land surface on February 15, 1966. Casing slotted from 270 feet to total depth.
603	do	--	1957	275	10	10	Kea,Kt	2,662	167.7	Nov. 24, 1966	N	N	Reported yield 125 gpm. Abandoned irrigation well.
* 604	J.M. Childress	--	1947	400	12	12	Kea,Kt	2,648	139.8	Apr. 10, 1940	S,E	Irr	Reported yield 130 gpm. Casing slotted from 180 feet to total depth. Well 6. $\frac{2}{2}$
605	do	--	--	--	--	--	Kea,Kt	2,648	148.2	Dec. 15, 1956	N	N	Abandoned irrigation well.
606	do	--	1965	486	12	10	Kea,Kt	2,648	171.5	Feb. 10, 1966	S,E	Irr	Reported yield 130 gpm. Casing slotted from 100 to 411 feet and from 411 feet to total depth.
607	Eddie Von Conten	--	1963	400	12	10	Kea,Kt	2,659	174.3	Feb. 15, 1966	T,E	Irr	Reported yield 150 gpm. Casing slotted from 270 feet to total depth.
608	C.H. Sugg, et al.	Hamilton Scott	--	300	--	--	Kea,Kt	2,670	133.4	Mar. 3, 1966	C,W	S	
609	do	do	--	300	--	--	Kea,Kt	--	--	--	C,W	D,S	
701	R.E. Shaw and C.O. Nalley	Clayton Henderson	1949	300	--	--	Kea,Kt	--	99.1	Apr. 10, 1950	S,E	Irr	Reported yield 600 gpm. Water level observation well.
702	James R. Duncan	Ralph Heilscher	1948	225	14	9	Kea	2,656	85.7	Apr. 10, 1950	T,E	N	Reported yield 350 gpm.
					16	9-225			85.7	Dec. 15, 1956			
									88.1	Dec. 8, 1960			
									112.7	Feb. 16, 1966			

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		WATER- BEAR- ING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-29-703	R.E. Shaw and C.O. Nalley	Clayton Henderson	1949	300	12	--	Kea,Kt?	--	90 92.1 98.4	Apr. 10, 1950 Feb. 1, 1961 Dec. 7, 1962	N	N	Abandoned irrigation well. Reported yield 200 gpm.
* 704	Clayton Henderson	Jerome F. Hoelscher	1949	229	10	7	Kea	2,656	84.5 89.6 90.8 104.3 108.5	Sept. 17, 1949 Dec. 15, 1956 Jan. 3, 1962 Dec. 3, 1965 Dec. 3, 1968	T,E	D,Irr	Reported yield 175 gpm. Water level observation well. Well 8. 2/
* 705	do	do	1949	300	10	7	Kea,Kt	2,651	85.9 96.2 100.1 102.4 110.6	Sept. 17, 1949 Dec. 8, 1954 Dec. 4, 1959 Dec. 3, 1963 Dec. 3, 1968	T,E	Irr	Reported yield 125 gpm. Water level observation well. Well 10. 2/
706	Mamie Julian, et al.	R.L. McGuire	--	340	--	--	Kea,Kt	2,650	136.8 164.3	Feb. 1, 1961 Nov. 24, 1966	S,E	Irr	
707	Clayton Henderson	Jerome F. Hoelscher	1955	120	10	7	Kea	2,654	--	--	T,E	Irr	Reported yield 90 gpm.
708	do	do	1963	130	--	--	Kea	2,650	197.8	Nov. 24, 1966	S,E	Irr	Do.
709	do	do	1961	360	--	--	Kea,Kt	2,656	159.1	do	T,E	P	Reported yield 125 gpm.
710	R.E. Shaw and C.O. Nally	Clayton Henderson	1958	352	10	7	Kea,Kt	2,650	103.5	do	S,E	Irr	Reported yield 50 gpm.
711	James R. Duncan	Ralph Hoelscher	1956	352	14 14	21 264-352	Kea,Kt	--	--	--	T,E	Irr	Reported yield 300 gpm. Casing slotted from 264 feet to total depth.
712	James R. Duncan	Ralph Hoelscher	1960	350	8	350	Kea,Kt	--	--	--	S,E	Irr	Reported yield 318 gpm.
713	do	do	1963	350	10	8	Kea,Kt	2,652	157.7 148.6	Feb. 16, 1966 Nov. 24, 1966	S,E	D,Irr	Reported yield 75 gpm.
714	do	do	1963	350	10	8	Kea,Kt	2,653	157.8	Feb. 16, 1966	S,E	Irr	Reported yield 300 gpm.
715	H.D. Childress	--	1956	353	12	10	Kea,Kt	2,645	139.3	Nov. 24, 1966	S,E	Irr	Reported yield 200 gpm.
716	Ruby Lee Graham	--	1963	325	10	7	Kea,Kt	2,652	151.4	do	T,G	N	Reported yield 750 gpm. Abandoned irrigation well.
717	do	--	1963	325	--	--	Kea,Kt	2,651	100.7	Mar. 19, 1966	N	N	Abandoned irrigation well.
718	Texas Scottish Rite Hospital	Lewis L. Farr, III	--	--	--	--	Kea,Kt	2,650	193.1	Mar. 24, 1966	C,W	S	
801	Gordon Roach	--	1924	226	--	--	Kea	--	--	--	S,E	D	
802	C.H. Sugg, et al.	Hamilton Scott	--	300	--	--	Kea,Kt	--	--	--	C,W	S	
* 803	do	do	--	--	--	--	Kea,Kt	2,632	140.8	Mar. 2, 1966	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-29-804	Clarence Book, et al.	--	1963	445	12	15 255-260	Kea, Kt Trs	2,648	162.4	Nov. 24, 1966	T,G	Irr	Reported yield 350 gpm.
* 901	J.M. Childress	--	1954	425	12 11	8 190-425	Kea, Kt Trs	2,648	136.3 145.7 156.2 185.7 177.8	Apr. 10, 1950 Dec. 15, 1956 Jan. 3, 1962 Dec. 3, 1965 Dec. 2, 1968	S,E Irr	D,S Irr	Reported yield 95 gpm. Casing slotted from 190 feet to total depth. Water level observation well. Well deepened from 291 feet to 425 feet in 1954. Well 7. 2
902	do	--	1956	287	--	--	Kea, Kt	2,648	140.0 151.2 179.3 173.24	Dec. 15, 1956 Dec. 7, 1960 Dec. 3, 1965 Dec. 2, 1968	N	N	Water level observation well.
903	H.H. Balkum	--	1949	290	12	92-290	Kea, Kt	--	138.0 159.5 157.1	Apr. 10, 1950 Dec. 7, 1960 Jan. 3, 1967	N	N	Reported yield 150 gpm. Casing slotted from 92 feet to total depth. Abandoned irrigation well.
904	do	--	1959	417	16	14	Kea, Kt	2,648	164.8 172.9 186.9 179.4	Dec. 7, 1960 Dec. 3, 1963 Dec. 3, 1965 Dec. 2, 1968	T,G	Irr	Reported yield 100 gpm. Water level observation well.
* 905	Gordon Roach	--	1884	200	--	--	Kea, Kt	2,553	68.2 91.0	Feb. 17, 1961 Feb. 25, 1966	C,W	S	Reported yield 100+ gpm.
910	J.M. Childress	--	1966	511	10 8	9 185-511	Kea, Kt Trs?	2,648	169.2	Feb. 10, 1966	T,G	Irr	Reported yield 100+ gpm.
911	do	--	1957	487	--	--	Kea, Kt Trs?	2,648	175.9	do	N	N	Reported yield 90 gpm. Abandoned irrigation well.
912	Gordon Roach	--	--	415	14	10	Kea, Kt	2,639	167.2	Feb. 25, 1966	N	N	Formerly supplied water for oil well drilling operations.
913	do	--	1933	235	6	10	Kea, Kt?	2,635	144.7	do	C,W	S	Supplies water for oil well drilling operations.
914	do	--	1966	300	--	--	Kea, Kt	--	--	--	T,G	Ind	Supplies water for oil well drilling operations.
915	C.H. Suggs, et al.	Hamilton Scott	--	--	--	--	Kea, Kt	2,575	126.0	Mar. 3, 1966	C,W	S	Reported yield 200 gpm. Casing slotted from 206 feet to total depth.
* 916	H.H. Balkum	--	1960	399	10-3/4	206-399	Kea, Kt	2,648	175.3	Feb. 9, 1966	T,E	Irr	Reported yield 200 gpm. Casing slotted from 206 feet to total depth.
* 30-101	John H. Hoyt	--	1938	270	8-5/8	10	Kea, Kt	--	--	--	C,W	S	
102	do	--	1947	250	8-5/8	10	Kea, Kt	2,660	173.0	Feb. 18, 1966	C,W	S	
103	C.H. Suggs, et al.	Hamilton Scott	--	300	--	--	Kea, Kt	--	--	--	C,W	S	
104	J.E. Bynum	Copeland Brothers	--	--	--	--	Kea, Kt	2,678	112.4	Mar. 10, 1966	C,N	S	

See footnotes at end of table.



Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-30-201	C.H. Sugg, et al.	Hamilton Scott	--	--	--	--	Qal? Kea,Kt?	2,540	67.1	Mar. 1, 1966	C,W	S	
*	J.F. Bynum	Copeland Brothers	--	--	--	--	Kea,Kt?	2,555	98.5	Mar. 10, 1966	C,W	S	
*	C.H. Sugg, et al.	Hamilton Scott	--	--	--	--	Kea,Kt?	--	--	--	C,W	S	
303	Texaco, Inc. (TXL)	I.W. Terry	--	--	--	--	Kea,Kt?	2,640	111.1	Mar. 11, 1966	C,W	S	
401	John H. Holt	--	1918	260	--	--	Kea,Kt	2,656	178.6	Feb. 18, 1966	T,G	D,S	
* 403	do	--	1948	250	7	10	Kea	2,625	78.8	do	C,W	S	
404	C.H. Sugg, et al.	John H. Holt	1948	250	7	10	Kea,Kt	2,657	176.9	do	C,W	S	
* 405	John H. Holt	--	1963	315	--	--	Kea,Kt	2,652	168.7	do	S,E	S	
406	do	--	1948	270	8	10	Kea,Kt	--	--	--	C,W	S	
407	do	--	1958	370	13-3/4	10	Kea,Kt	2,654	194.6	Feb. 18, 1966	N	N	Reported yield 350 gpm. Abandoned irrigation well.
408	do	--	1904	310	--	--	Kea,Kt	2,656	179.5	do	S,E	D,S	
501	Ivy Ruth Cope, et al.	Claude Collins, Jr.	1959	248	6	13	Kea,Kt	2,630	--	--	C,W	S	
* 502	C.H. Sugg, et al.	Hamilton Scott	--	--	--	--	Kea,Kt	--	--	--	C,W	S	
503	do	do	--	--	--	--	Kea,Kt	2,640	178.8	Mar. 1, 1966	C,W	S	
504	do	do	--	--	--	--	Kea,Kt	2,600	107.1	Mar. 2, 1966	C,W	S	
* 505	Ivy Ruth Cope, et al.	Claude Collins, Jr.	--	--	--	--	Kea,Kt	2,515	100.0	Mar. 9, 1966	C,W	S	
506	do	do	--	--	--	--	Kea,Kt	2,620	132.1	do	N	N	
507	do	do	--	--	--	--	Kea,Kt	2,550	86.4	do	C,W	S	
605	do	do	--	--	--	--	Kea,Kt	2,480	88.7	do	C,W	S	
* 606	do	do	--	--	--	--	Kea,Kt	--	--	--	C,W	S	
* 609	C.H. Sugg, et al.	do	--	--	--	--	Kea,Kt	2,520	111.1	Mar. 9, 1966	C,W	S	
701	do	Hamilton Scott	--	--	--	--	Kea,Kt	2,620	174.1	Mar. 2, 1966	C,W	S	
* 702	do	do	1963	250	8	--	Kea,Kt	2,620	159.8	do	C,W	S	
804	Ivy Ruth Cope, et al.	Claude Collins, Jr.	--	--	--	--	Kea,Kt	2,560	104.5	Mar. 8, 1966	C,W	S	Pumping water level.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-30-901	Ivy Ruth Cope, et al.	Claude Collins, Jr.	--	--	--	--	Kea, Kt	2,465	71.0	Mar. 8, 1966	C, W	S	
* 902	do	do	1959	--	--	--	Kea, Kt	2,480	95.1	do	C, W	D, S	
* 904	C. H. Suggs, et al.	Johnny Wales	--	--	--	--	Kea, Kt	2,434	57.5	Mar. 9, 1966	C, W	D, S	
* 34-301	Ethel W. and Charles A. Byrd	W. E. (Bill) Muldrow	--	175	0-12	6	Kea, Kt	2,670	120.5	Mar. 11, 1966	C, W	S	
* 302	do	do	--	175	--	--	Kea, Kt	2,670	107.5	do	C, W	S	
* 601	H. A. Hartgrove	--	1934	79	--	--	Qal, Kea	2,618	44.6	Mar. 17, 1966	C, W	S	
901	R. J. Lefevere	--	1964	378	12	378	Kt	--	--	--	T, G	Irr	Reported yield 300 gpm. Casing slotted from 175 to 360 feet.
902	do	--	1964	378	12	378	Kt	--	--	--	T, G	Irr	Do.
903	do	--	1964	358	12	358	Kt	2,666	172.7	Mar. 7, 1966	T, G	Irr	Reported yield 300 gpm. Casing slotted from 160 feet to total depth.
904	do	--	1963	360	12	360	Kt	2,669	175.1	Mar. 5, 1966	T, G	Irr	Reported yield 300 gpm. Casing slotted from about 120 feet to total depth.
905	do	--	1964	340	12	340	Kt	--	--	--	T, G	Irr	Reported yield 200 gpm. Casing slotted from 170 feet to total depth.
906	do	--	1964	340	12	340	Kt	2,659	164.4	Mar. 5, 1966	N	N	Abandoned irrigation well. Casing slotted from 170 feet to total depth.
9077	H. A. Hartgrove	--	1949	200	--	--	Kea, Kt	--	--	--	C, W	S	
* 908	W. O. Hayter, Jr.	J. R. Crawford	1963	366	12	366	Kea, Kt	2,670	155.4	Nov. 23, 1966	T, G	Irr	Reported yield 300 gpm.
909	do	do	1963	366	--	--	Kea, Kt	--	--	--	T, G	Irr	Reported yield 375 gpm.
910	do	do	1963	366	--	--	Kea, Kt	2,670	165.0	Nov. 23, 1966	T, G	Irr	Reported yield 250 gpm.
* 911	do	do	1963	366	10	366	Kea, Kt	2,671	169.0	do	T, G	Irr	Reported yield 375 gpm.
912	do	do	1963	366	10	366	Kea, Kt	2,670	160.8	do	T, G	Irr	
913	do	do	1963	--	--	--	Kt	--	--	--	T, G	Irr	
914	do	do	1963	366	10	366	Kt	2,667	178.8	Apr. 8, 1966	T, G	Irr	
915	do	do	1963	366	10	366	Kt	2,670	176.9	do	N	N	Abandoned irrigation well.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-30-916	W.O. Hayter, Jr.	J.R. Crawford	1963	366	10	--	Kt	2,672	168.3	Apr. 8, 1966	T,G	Irr	
917	do	do	1963	366	--	--	Kea,Kt	--	--	--	T,G	Irr	
* 918	J.D. Christy, et al.	J.D. Poage	--	--	--	--	Kea,Kt	--	--	--	C,W	S	
35-101	Ethel W. and Charles A. Byrd	W.E. (Bill) Muldrow	--	154	6	--	Kt	2,661	72.1 128.1	Aug. 28, 1961 Mar. 11, 1966	C,W	S	
102	do	do	--	200	5-1/2	200	Kea,Kt	--	--	--	C,W	D,S	
* 103	do	do	--	150	8	0-12	Kea	--	--	--	C,E	D	
* 104	George L. Aldwell Estate	Clint Edgar	1963	290	6	0-12	Kea,Kt	2,670	141.3	Mar. 8, 1966	C,W	S	
201	do	do	1961	270	12	270	Kea,Kt	2,645	98.4 126.1	Aug. 28, 1961 Mar. 8, 1966	T,G	Irr	Reported yield 250 gpm. Casing slotted from 135 feet to total depth.
202	do	do	1962	270	16 12	10 105-270	Kea,Kt	2,641	119.7	do	T,G	Irr	Reported yield 100 gpm. Casing slotted from 105 feet to total depth.
203	do	do	1962	270	12	270	Kea,Kt	--	--	--	T,G	Irr	Reported yield 25 gpm. Casing slotted from 135 feet to total depth.
204	do	do	1950+	270	8	--	Kea,Kt	--	--	--	T,G	Irr	Reported yield 60 gpm.
205	do	do	1965	260	12	12	Kea,Kt	2,640	107.9	Mar. 8, 1966	T,G	Irr	Reported yield 250 gpm.
206	do	do	1950	200	--	--	Kea,Kt	2,640	112.2	do	C,W	S	
* 207	do	do	1962	127	8	12	Kea	2,640	102.3	do	S,E	D,S	
* 208	do	do	--	165	6	15	Kea,Kt	2,660	148.3	do	C,W	S	
209	do	do	1963	270	8	12	Kea,Kt	--	--	--	C,W	S	
210	do	do	--	120	6	12	Kea	2,650	106.6	Mar. 8, 1966	C,W	S	
211	D.L. Goode	--	--	--	--	--	Kea,Kt	2,665	153.0 166.5 155.8	July 5, 1962 Aug. 29, 1962 Mar. 11, 1966	C,W	S	
* 301	Southland Royalty Company	--	1954	227	8	10	Kea,Kt	2,658	183.5 172.6	Aug. 21, 1962 Mar. 30, 1966	T,G	P	
* 302	do	do	1962	321	8-5/8	312	Kea,Kt	2,662	157.7	Mar. 23, 1966	S,E	Ind	Well used as waterflood supply. Casing perforated from a depth of 223 to 312 feet.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		WATER- BEAR- ING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-35-303	Billy Boyd	--	1938	285	6	12	Kea,Kt	2,660	76.9 156.1	Dec. 16, 1961 Mar. 10, 1966	C,W	S	
* 304	George W. Jolonick	Jim Daniel	--	300	4	120-300	Kea,Kt	2,670	152.3	Feb. 24, 1966	C,W	S	
305	Billy Boyd	--	1941	225	--	--	Kea,Kt	2,654	78.8	Mar. 10, 1966	C,W	S	
306	Southland Royalty Company	Southland Royalty Company	1962	302	8-5/8	302	Kt	--	208.3	Aug. 29, 1962	T,E	Ind	Well used as waterflood supply well. Casing slotted from a depth of 196 to 294 feet. Water reported to be very saline.
401	H.A. Hartgrove	--	1952	160	--	--	Kea	2,618	99.7	Mar. 17, 1966	C,W	S	
501	do	--	1949	200	--	--	Kea,Kt	--	--	--	C,W	S	
* 502	do	--	--	147	--	--	Kea,Kt	--	--	--	C,W	S	
* 601	Billy Boyd	--	--	200	6	10	Kea,Kt	--	--	--	S,E	D,S	
602	do	--	1932	225	6	12	Kea,Kt	2,643	143.8	Mar. 10, 1966	C,W	S	
* 603	Otis Basham	--	1903	230	6	14	Kea,Kt	--	--	--	S,E	D	
604	do	--	1924	230	6	20	Kea,Kt	--	--	--	C,W	S	
605	do	--	1950	--	10-3/4	10	Kea,Kt	2,644	69.0	Mar. 17, 1966	N	N	Well drilled by Pan American Petroleum Corporation. Formerly supplied water for oil well drilling operations.
606	Clarence E. Ham	--	--	170	6	20	Kea	--	--	--	C,W	S	
701	H.A. Hartgrove	--	1928	200	--	--	Kea?,Kt	2,578	78.2	Mar. 17, 1966	C,W	S	
* 702	do	--	--	140	--	--	Kea	--	--	--	C,W	S	
802	do	--	1942	200	--	--	Kea,Kt	--	85.7	Oct. 20, 1961	C,W	S	
* 803	do	--	1956	200	5-1/2	--	Kea,Kt	2,590	85.9	Mar. 17, 1966	S,E	D,S	
* 804	Clarence E. Ham	--	1934	170	6	20	Kea,Kt	2,620	104.4	Mar. 16, 1966	C,W	S	
* 901	do	--	1938	135	6 4-1/2	20 115-135	Kt	--	--	--	S,E	D,S	Casing slotted from 115 feet to total depth.
902	do	--	1960	202	12	20	Kt	--	32.6	Aug. 30, 1961	N	N	Reported yield 300 gpm. Abandoned irrigation well.
* 903	H.A. Hartgrove	--	1951	200	--	--	Kt	2,578	69.2	Mar. 17, 1966	C,W	S	
* 904	Clarence E. Ham	--	--	170	6	20	Kea,Kt	2,580	71.1	Mar. 16, 1966	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		WATER- BEAR- ING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-35-905	Clarence E. Ham	--	1932	170	6	20	Kea,Kt	--	--	--	C,W	S	
906	do	--	1952	165	6	20	Kea,Kt	2,573	72.0	Mar. 16, 1966	C,W	S	
907	do	--	--	69	6	20	Qal	--	--	--	C,W	S	
908	Minnie Waddell Haby	Homer Haby, Sr.	1920's	195+	--	--	Kea,Kt	--	--	--	C,W	S	
* 36-101	H.H. Porter and Bass Elliott	Billy Boyd	1920's	229	8	--	Kea,Kt	2,656	160.6	Mar. 10, 1966	N	N	
103	M.W. Ables	--	1959	284	12	20	Kea,Kt	2,660	88.9 98.4	Feb. 10, 1961 Feb. 15, 1966	T,G	Irr	Reported yield 400 gpm.
104	do	--	1965	250	12 7	20 190-250	Kea,Kt	2,645	138.4	do	N	N	Casing slotted from 190 feet to total depth.
105	Billy Boyd	--	1952	290	8	--	Kea,Kt	2,661	95.6	Mar. 10, 1966	C,W	S	
106	S.E. Stout, Jr.	--	1963	250	12	20	Kea,Kt	2,657	94.0	Feb. 18, 1966	T,G	Irr	Reported yield 300 gpm.
* 107	do	--	1953	250	7	20	Kea,Kt	2,657	93.3	do	C,W	S	
108	do	--	1954	180	12	20	Kea,Kt	2,657	97.1	do	N	N	Reported yield 125 gpm. Abandoned irrigation well.
* 109	do	--	1962	220	--	--	Kea,Kt	2,657	96.2	do	S,E	D,S	Reported yield 40 gpm.
* 110	do	--	1954	300	7	20	Kea,Kt	--	--	--	C,W	S	
111	J.L. Allen, Jr.	--	--	220	12	12	Kea,Kt	2,661	97.4	Feb. 24, 1966	T,G	Irr	
112	do	--	1962	338	12 12	0-12 130-338	Kea,Kt	2,662	162.3	do	T,G	Irr	Casing slotted from 130 feet to total depth.
113	do	--	1963	200+	12	12	Kea,Kt	2,661	96.7	do	N	N	Abandoned irrigation well.
114	do	--	1963	--	12	12	Kea,Kt	2,660	159.9	do	N	N	Do.
115	do	--	1964	200+	12	12	Kea,Kt	2,661	162.4	do	N	N	Do.
116	S.E. Stout, Jr.	--	--	--	4	15	Kea,Kt	2,657	105.6	Mar. 23, 1966	N	N	
201	Katherine Hughes Trigg	Sam Chumley	--	220	--	--	Kea,Kt	--	93.0	May 1958	C,W	S	
* 202	S.E. Stout, Jr.	--	1950	250	7	20	Kea,Kt	--	--	--	C,W	S	
* 203	A.C. Preston	J.L. Allen, Jr.	--	--	--	--	Kea,Kt	2,660	77.0 89.4	May 1958 Mar. 2, 1966	C,W	S	
* 204	S.E. Stout, Jr.	--	1953	250	7	20	Kea,Kt	2,653	89.5	Feb. 18, 1966	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE (FT)	DATE OF MEASUREMENT			
44-36-206	S.E. Stout, Jr.	--	1950	300	7	20	Kea,Kt	2,660	85.0 90.4	Dec. 28, 1961 Feb. 18, 1966	N	N	Reported yield 125 gpm.
207	W.E. Ledbetter	--	1965	230	8	15	Kea,Kt	2,655	88.1	Feb. 10, 1966	N	N	Reported yield 100 gpm.
208	Joe Schwertner	--	1962	140	10-3/4	15	Kea,Kt	2,661	102.1	Nov. 24, 1966	T,G	Irr	Abandoned irrigation well. Casing slotted from 185 feet to total depth.
209	J.B. Everidge	--	1962	256	12	185-256	Kea,Kt	2,659	103.3	May 22, 1966	N	N	Formerly used to supply water for oil well drilling operations.
210	do	--	1965	275	6	12	Kea,Kt	2,661	190.1	do	N	N	Abandoned irrigation well.
211	do	--	1965	150	--	--	Kea,Kt	2,657	97.6	do	N	N	Abandoned irrigation well.
212	do	--	--	250	8	10	Kea,Kt	--	--	--	C,W	D,S	Reported yield 300 gpm.
213	Joe Schwertner	--	1963	315	12	15	Kea,Kt	--	--	--	T,G	Irr	Reported yield 30 to 40 gpm. Screened intervals from 244 to 290 feet and 317 to 339 feet.
* 301	Reagan County Water Supply District	--	1958	354	8	351	Kea,Kt	2,650	90.6 103.8 144.5 156.8	Aug. 22, 1958 Aug. 15, 1959 Apr. 14, 1960 Feb. 9, 1961	T,E	P	Screened intervals from 210 to 279 feet and 280 to 328 feet.
* 302	do	--	1958	345	8	345	Kea,Kt	2,633	98 140.5 145.1	Sept. 17, 1958 Oct. 23, 1959 Feb. 9, 1961	T,E	P	Measured yield 128 gpm on May 5, 1966. Screened intervals from 229 to 287 feet and 305 to 326 feet.
* 303	do	--	1958	336	8	326	Kea,Kt	2,668	146.6 159.2 145.1 224.0	Oct. 3, 1958 Oct. 23, 1959 Feb. 9, 1961 May 5, 1966	T,E	P	Screened intervals from 90 to 110 feet, 224 to 256 feet, and 321 to 336 feet.
* 304	do	--	1958	340	8	340	Kea,Kt	2,665	107.3 100.5 218.1	May 25, 1959 Oct. 16, 1959 May 5, 1966	T,E	P	Screened intervals from 90 to 110 feet, 224 to 256 feet, and 321 to 336 feet.
* 305	do	--	1958	231	8	40	Kea,Kt	2,676	97 98.1 98.4 111.9	Oct. 2, 1958 Oct. 23, 1959 Apr. 14, 1960 May 5, 1966	T,E	P	Screened intervals from 90 to 110 feet, 224 to 256 feet, and 321 to 336 feet.
307	Katherine Hughes Trigg	Sam Chumley	--	221	8	--	Kea,Kt?	2,665	83.0 89.4	May 1958 Mar. 31, 1966	C,W	S	Abandoned irrigation well. Reported yield 100 gpm.
308	Everett Berryhill	J.B. Everidge	1958	443	12	12	Kea,Kt Trs	2,668	96.3 157.4 215.7	Feb. 9, 1961 Dec. 28, 1961 May 22, 1966	N	N	Reported yield 150 gpm. Casing slotted from 150 feet to total depth.
* 309	Reagan County Water Supply District	--	1963	400	8	40 150-400	Kea,Kt	2,655	215.2	May 5, 1966	S,E	P	Reported yield 150 gpm. Casing slotted from 150 feet to total depth.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-36-310	Mrs. William Bell	J. B. Everidge	1962	416	12 12	20 196-416	Kea, Kt 1rsf	2,665	214.0	May 12, 1966	T, G	Irr	Casing slotted from 196 feet to total depth.
*	Reagan County Water Supply District	--	1963	400	8 8	40 150-400	Kea, Kt	2,663	226.3	May 5, 1966	S, E	P	Reported yield 150 gpm. Casing slotted from 150 feet to total depth.
*	do	--	1963	400	8 8	40 150-400	Kea, Kt	--	--	--	S, E	P	Do.
*	do	--	1963	400	8 8	40 400	Kea, Kt	2,660	213.3	May 5, 1966	S, E	P	Do.
*	do	--	1963	400	8 8	40 150-400	Kea, Kt	2,654	215.0	do	S, E	P	Reported yield 125 gpm. Casing slotted from 150 feet to total depth.
315	do	--	1963	400	8 8	40 150-400	Kea, Kt	2,666	221.9	do	S, E	P	Reported yield 150 gpm. Casing slotted from 150 feet to total depth.
401	Japson Pettit	--	--	150	8	8	Kea	2,661	89.0 107.1	May 1, 1958 Mar. 24, 1966	N	N	
402	Clarence E. Ham	--	1936	204	6 4	20 164-204	Kea, Kt	--	--	--	C, W	S	
* 403	Mimmie Waddell Haby	Homer Haby, Sr.	1900	225	7	10	Kea, Kt	2,630	51.8	Mar. 22, 1966	C, W	S	
404	Japson Pettit	--	1959	250	6	250	Kea, Kt	2,665	174.4	Feb. 17, 1966	N	N	
* 405	do	--	1964	300	6	20	Kea, Kt	2,666	113.1	do	S, E	S	
406	Wayne Cobb	Lawrence Schwertner	1964	365	12	30	Kea, Kt	2,661	157.2	Feb. 24, 1966	T, G	Irr	Reported yield 200 gpm.
407	Oscar Thomas	do	1962	270	10-1/2	25	Kea, Kt	2,662	187.8	do	T, G	Irr	Do.
* 408	Wayne Cobb	do	1964	300	12	30	Kea, Kt	--	--	--	T, G	Irr	
409	August Schwertner	do	1962	360	10 6	0-30 140-360	Kea, Kt	2,658	171.5	Feb. 24, 1966	T, G	Irr	Reported yield 180 gpm.
410	Mimmie Waddell Haby	Homer Haby, Sr.	1940's	200	5	12	Kea, Kt	2,650	160.2	Mar. 22, 1966	C, W	S	
411	do	do	1940	240	6	20	Kea, Kt	2,663	96.6	do	C, W	S	
* 501	Frank Lindley	--	--	310	5-1/2	202-310	Kea, Kt	2,625	130.0 140.0 167.0	May 1, 1958 Feb. 16, 1961 Apr. 8, 1966	C, W	S	Well deepened from 238 to 310 feet. Casing slotted from 202 feet to total depth.
503	Katherine Hughes Trigg	Sam Chumley	1950	250	---	--	Kea, Kt	2,655	100.0 100.4	May 1, 1958 Apr. 7, 1966	S, E	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE/ OR TENANT	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		WATER- BEAR- ING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-36-506	Japson Pettit	--	1949	300	6	20	Kea,Kt	2,662	168.6 190.4 190.0	Feb. 17, 1966 Apr. 8, 1966 Apr. 12, 1966	C,W	S	
* 507	Henry Cravens	--	1948	165	6-1/2	165	Kea	2,582	153.2	Apr. 8, 1966	C,W	S	Well drilled by Humble Oil and Refining Company. Formerly supplied water for oil well drilling operations.
* 601	Katherine Hughes Trigg	Sam Chumley	1947	325	--	--	Kt	2,565	180.3	Mar. 31, 1966	N	N	
* 602	Carlotta Hartman	do	1940's	250	6	20	Kea,Kt	2,520	78.0	Apr. 12, 1966	S,E	S	
* 603	S. E. Hughes	--	1936	165	--	--	Kea	2,530	71.4	Mar. 31, 1966	C,W	S	
* 604	do	--	1930's	40	5-1/2	--	Qa1	2,500	22.4	do	C,W	S	
* 605	do	--	1930's	65	--	--	Qa1	2,506	37.3	do	C,W	S	
* 606	do	--	1920's	60	--	--	Qa1,Kea	--	--	--	C,W	S	
* 607	Katherine Hughes Trigg	Sam Chumley	1950's	150	6	--	Kea	2,530	84.9	Apr. 12, 1966	C,W	D	
* 608	S. E. Hughes	--	1958	180	5-1/2	7	Kea,Kt	2,538	100.5	Mar. 31, 1966	C,W	S	
* 609	Katherine Hughes Trigg	Sam Chumley	1926	150	--	--	Kea	--	--	--	C,W	S	
* 610	do	do	1950's	250	--	--	Kt	--	--	--	N	N	Well abandoned and plugged.
* 701	do	--	1950's	275	12	10	Kea,Kt	2,653	140.6 160.0	Aug. 20, 1961 Mar. 23, 1966	N	N	Reported yield 100 gpm in 1961. Abandoned irrigation well.
* 702	John Patterson	--	--	165	6	15	Kea,Kt	2,558	57.0	Feb. 25, 1966	C,W	D,S	
* 703	do	--	1963	65	6	10	Qa1 Kea,Kt	2,563	36.4	do	C,W	S	
* 704	do	--	--	160	6	15?	Kea,Kt	--	--	--	C,W	S	
* 705	do	--	1915	100	6	15	Kea,Kt	--	--	--	C,W	S	
* 706	do	--	1950	110	6	15	Kea,Kt	2,560	77.1	Feb. 25, 1966	C,W	S	
* 707	Minnie Waddell Haby	Homer Haby, Sr.	1940's	200	--	--	Kea,Kt	2,553	94.3	Mar. 22, 1966	C,W	S	
* 801	J. B. Pettit, Jr.	--	--	90	6	15	Kea,Kt?	2,565	41.6	Feb. 17, 1966	C,W	S	
* 802	Japson Pettit	--	--	90	6	15	Kea,Kt?	2,570	49.0 60.5	May 1, 1958 Mar. 23, 1966	S,E	D,S	
* 803	do	--	1959	75	8	20	Kea,Kt?	2,540	29.3 33.8	Feb. 9, 1961 Mar. 23, 1966	N	N	Formerly supplied water for oil well drilling operations.

See footnotes at end of table.



Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		WATER- BEAR- ING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-36-804	Japson Pettit	--	1956	75	14 18	0- 55 55- 75	Qal,Kt?	2,520	17.2 20.6	Feb. 9, 1961 Feb. 17, 1966	S,E	S,Irr	Reported yield 350 gpm.
* 806	do	--	1965	32	12	32	Qal	2,538	20.0	do	S,E	Irr	
807	Frances Hughes Crews	Sam Chumley	1946	40	--	--	Qal	--	--	--	N	N	
* 808	do	do	--	80	6	--	Qal,Kea	2,539	41.4	Apr. 12, 1966	C,W	S	
* 901	do	do	--	300	8	--	Kea,Kt	--	--	--	C,W	S	
903	do	do	1937	300	--	--	Kea,Kt	2,630	145.2	Apr. 12, 1966	C,W	S	
904	Phillips Petroleum Company	--	1956	268	--	--	Kea,Kt	--	--	--	T,E	Ind	Pipeline station.
* 37-101	Mamie Julian, et al.	R.L. McGuire	1955	345	16	5	Kea,Kt	2,652	146.9 153.9	Feb. 1, 1961 Jan. 3, 1962	S,E	D,Irr	Reported yield 110 gpm. Pumping level 246.9 feet below land surface on February 11, 1966.
102	do	do	--	--	14	--	Kea,Kt	2,650	151.3 156.9	Feb. 1, 1961 Nov. 24, 1966	N	N	Abandoned irrigation well.
104	Texas Scottish Rite Hospital	Lewis L. Farr, III	1950's	292	--	--	Kea,Kt	2,640	108.9	Oct. 19, 1961	--	Ind	Formerly used for oil well drilling operations.
106	do	do	--	300	--	--	Kea,Kt	--	--	--	C,W	S	
107	Mamie Julian, et al.	R.L. McGuire	--	300	--	--	Kea,Kt	2,652	176.6	Nov. 24, 1966	N	N	
201	Clarence Book, et al.	--	--	200+	--	--	Kea,Kt	2,640	128.0 172.6	Feb. 17, 1961 Mar. 31, 1966	C,W	S	
203	C.H. Sugg, et al.	Hamilton Scott	--	--	--	--	Kea,Kt	2,620	134.4	Mar. 2, 1966	C,W	S	
204	Texas Scottish Rite Hospital	Lewis L. Farr, III	1927	279	--	--	Kea,Kt	2,640	195.4	Mar. 24, 1966	C,W	S	
304	Gordon Roach	--	1933	--	--	--	Kea,Kt	2,540	81.0	Feb. 25, 1966	C,W	S	
306	C.H. Sugg, et al.	Hamilton Scott	--	--	--	--	Kea,Kt	2,620	160.8	Mar. 2, 1966	C,W	S	
* 307	Texas Scottish Rite Hospital	Lewis L. Farr, III	1927	100	--	--	Kea,Kt	--	--	--	C,W	S	
* 401	Texas Highway Department	--	1960	60	12	--	Qal	2,480	18.4	Aug. 28, 1961	N	N	Well drilled to supply water for bridge construction.
* 402	Texas Scottish Rite Hospital	Lewis L. Farr, III	1927	80	--	--	Qal,Kea	2,490	20.7 22.3	Feb. 17, 1961 Mar. 24, 1966	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETION	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-37-403	Texas Scottish Rite Hospital	Lewis L. Farr, III	1927	300	--	--	Kea, Kt	--	--	S, E	D, S		
* 501	do	do	--	100	--	--	Kea, Kt	--	--	C, W	S		
* 502	do	do	1927	60	--	--	Qal	2,470	Mar. 15, 1966	C, W	S		
602	do	do	--	--	--	--	Qal, Kea, Kt	2,488	Oct. 19, 1961	N	N		
603	do	do	1927	235	--	--	Kea, Kt	2,551	Mar. 24, 1966	C, W	S		
701	S.E. Hughes	--	1948	220	5-1/2	--	Kea, Kt	2,600	Mar. 30, 1966	C, W	S		
704	Texas Scottish Rite Hospital	Lewis L. Farr, III	1927	60	--	--	Qal	--	--	C, W	S		
* 705	S.E. Hughes	--	1920's	65?	--	--	Qal, Kea	2,510	--	C, W	D, S		
706	do	--	1948	100	--	--	Qal, Kea	2,520	--	C, W	S		
707	Frances Hughes Crews	Sam Chumley	1949	250	--	--	Kea, Kt	--	--	C, W	S		
708	do	--	--	300	--	--	Kea, Kt	--	--	C, W	S		
709	do	--	1920's	160	--	--	Kea	2,520	Mar. 30, 1966	N	N		
902	Texas Scottish Rite Hospital	Lewis L. Farr, III	1927	--	--	--	Qal	2,480	Mar. 24, 1966	C, W	S		
38-101	do	do	--	170	--	--	Kea, Kt	2,515	do	C, W	S	Pumping level 129.7 feet below land surface on October 19, 1961.	
* 201	Ivy Ruth Cope, et al.	Claude Collins, Jr.	--	--	--	--	Kea, Kt	--	--	C, W	S		
202	do	do	--	--	--	--	Kea, Kt	2,520	Mar. 8, 1966	C, W	S		
203	Texas Scottish Rite Hospital	Lewis L. Farr, III	--	125	--	--	Kt	2,488	Mar. 24, 1966	C, W	S		
301	C.H. Sugg, et al.	Johnny Wales	--	--	--	--	Kea, Kt	2,570	Mar. 9, 1966	C, W	S		
302	do	do	--	--	--	--	Kt	2,473	do	C, W	S		
403	Texas Scottish Rite Hospital	Lewis L. Farr, III	--	100	--	--	Kt	2,440	Oct. 17, 1961	C, W	S		
* 405	do	do	--	101	--	--	Kea, Kt	--	--	C, W	D, S		
502	do	do	1944	95	--	--	Qal, Kea	2,383	Oct. 17, 1961	N	N		
								33.5	Mar. 31, 1966				
								37.4					

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-38-504	Texas Scottish Rite Hospital	Lewis L. Farr, III	--	130	--	--	Kea,Kt?	--	--	--	C,W	S	
*	do	do	--	170	--	--	Kt	--	--	--	C,W	S	
506	do	do	--	80	--	--	Kea,Kt?	2,425	56.6	Mar. 24, 1966	C,W	S	
701	do	do	--	--	--	--	Qal? Kea	2,435	63.2	do	C,W	S	
801	do	do	--	160	--	--	Kea,Kt	--	--	--	C,W	S	
*	do	do	--	--	--	--	Kea,Kt	--	--	--	S,E	D,S	
803	do	do	--	100	--	--	Kea,Kt?	--	--	--	S	S	
901	do	do	--	140	--	--	Kea,Kt?	2,420	89.6	Mar. 24, 1966	C,W	S	
*	do	do	--	232	--	--	Kea,Kt	2,513	174.2	Nov. 24, 1966	C,W	S	
42-301	Union Texas Petroleum (a division of Allied Chemical Corporation)	--	1953	265	10	265	Kt	--	--	--	N	N	Reported yield 65 gpm.
302	do	--	1949	515	8	300	Kt	2,630	142.7 154.1	Nov. 2, 1961 Apr. 12, 1966	N	N	Reported yield 100 gpm. Casing slotted from 260 to 300 feet.
*	do	do	1961	308	8	308	Kt	--	--	--	T,E	Ind	Casing slotted from 268 feet to total depth.
304	do	do	1956	301	8	--	Kt	2,665	205.5	Apr. 13, 1966	N	N	
312	do	do	1949	270	8	--	Kt	--	--	--	N	N	
313	do	do	1949	272	8	--	Kt	2,650	50.6	Apr. 14, 1966	N	N	
*	do	do	1949	268	--	--	Kt	--	--	--	T,E	Ind	
315	do	do	1949	276	--	--	Kt	2,665	168.1	Apr. 13, 1966	N	N	
316	do	do	1949	275	--	--	Kt	--	--	--	T,E	Ind	
317	Union Texas Petroleum (a division of Allied Chemical Corporation)	--	1949	300	--	--	Kt	2,650	136.3	Apr. 13, 1966	N	N	
*	do	do	1949	300	--	--	Kt	--	--	--	T,E	Ind	
319	do	do	1949	300	--	--	Kt	2,658	179.5	Apr. 13, 1966	N	N	
*	do	do	1949	300	--	--	Kt	--	--	--	T,E	Ind	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-42-321	Union Texas Petroleum (a division of Allied Chemical Corporation)	--	1949	300	--	--	Kt	2,658	190.2	Apr. 13, 1966	N	N	
322	do	--	1949	300	--	--	Kt	2,660	211.1	do	N	N	Casing slotted from about 260 feet to total depth.
* 323	do	--	1949	300	8	300	Kt	--	--	--	T,E	Ind	Do.
* 324	do	--	1949	300	8	300	Kt	--	--	--	T,E	Ind	Do.
* 325	do	--	1961	300	8	300	Kt	--	--	--	T,E	Ind	Do.
* 326	do	--	1950	250	6	--	Kt	--	--	--	C,W	S	
* 327	do	--	--	250	6	--	Kt	2,620	126.3	Apr. 12, 1966	C,W	S	
* 328	do	--	1930	250	6	--	Kt	2,665	176.0	do	S,E	D,S	
602	W.H. Dixon	--	1938	190	5	--	Kt	2,630	119.2	do	C,W	S	
603	do	--	1951	190	5	--	Kt	2,620	153.8	do	C,W	S	
43-101	James Turner	--	1962	300	8	300	Kea,Kt	--	--	--	S,E	Irr	Reported yield 200 gpm.
102	do	--	1940	180	6	10	Kea,Kt	2,600	113.0	Mar. 2, 1966	S,E	S	
* 103	Mrs. J.S. Elliott	--	--	--	6	--	Kt	2,670	178.5	Apr. 12, 1966	C,W	S	
* 104	W.H. Dixon	--	1926	170	8	--	Kea,Kt	2,600	116.8	do	C,W	S	
201	James Turner	--	1961	200	8	50 100-200	Kea,Kt	--	60	July 15, 1960	S,E	Irr	Reported yield 200 gpm.
202	do	--	1962	200	8	200	Kea,Kt	2,580	50 74.6	Mar. 2, 1966	S,E	Irr	Reported yield 350 gpm.
* 203	Stanley and Gene Turner	--	1960	250	14	250	Kea,Kt	2,580	72.5	do	S,E	Irr	Reported yield 120 gpm. Pumping level 158.4 feet below land surface on August 30, 1961.
204	John Patterson	--	1938	140	6	15	Kea,Kt	2,599	97.0	Feb. 25, 1966	C,W	S	
* 205	do	--	--	80	6	15	Kea,Kt	2,578	65.9	do	C,W	S	
206	Stanley and Gene Turner	--	1960	250	14	250	Kea,Kt	2,605	75.3	Mar. 2, 1966	S,E	Irr	
207	do	--	1964	180	12	180	Kea,Kt	2,600	75.4	do	T,E	Irr	
208	do	--	1962	280	14	28	Kea,Kt	2,601	79.7	do	S,E	Irr	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-43-209	Stanley and Gene Turner	--	1962	250	14	250	Kea,Kt	2,610	81.8	do	S,E	Irr	
210	do	--	1963	125	6	20	Kea,Kt	2,582	80.2	do	S,E	D,S	
211	do	--	1939	210	6	20	Kea,Kt	--	--	--	S,E	D,S	
301	John Patterson	--	1964	210	6	15	Kea,Kt	2,560	75.1	Feb. 25, 1966	C,W	S	
* 302	W.H. Watkins	--	1931	190	7	6	Kea,Kt	2,644	148.6	Mar. 2, 1966	S,E	S	
303	do	--	1942	190	7	10	Kea,Kt	2,631	130.4	do	C,W	S	
* 304	do	--	1905	90	--	--	Kea,Kt	2,560	69.1	do	S,E	S	
305	do	--	1960	180	10	20	Kea,Kt	2,580	55.1	do	N	N	
* 401	W.H. Dixon	--	1938	190	6	--	Kea,Kt	--	--	--	C,W	D,S	
* 402	University of Texas	Wren Jackson	--	--	--	--	Kea,Kt	2,621	81.5	Mar. 30, 1966	C,W	S	
* 403	do	do	--	--	--	--	Kea,Kt	2,645	130.6	do	C,W	S	
* 501	W.H. Dixon	--	1955	180	5	--	Kea,Kt	2,600	91.9	July 29, 1960	C,W	S	Water level in abandoned well located 45 feet northeast of this well measured 110.2 feet below land surface on April 12, 1966.
* 502	James Turner	--	--	90	6	--	Kea,Kt	2,575	80.0	Mar. 2, 1966	C,W	S	
* 503	University of Texas	Wren Jackson	--	--	--	--	Kea,Kt	--	--	--	C,W	S	
504	W.H. Dixon	--	--	--	--	--	Kea,Kt	2,627	141.1	Apr. 12, 1966	C,W	N	
601	James Turner	--	--	142-145	6	15	Kea,Kt	2,628	99.6	July 29, 1960	N	N	
* 602	University of Texas	Wren Jackson	--	--	--	--	Kea,Kt	2,595	93.5	Mar. 30, 1966	C,W	S	
702	do	do	--	240	--	--	Kea,Kt	2,600	170.9	Nov. 2, 1961	C,W	S	
* 704	do	do	--	--	--	--	Kt	--	--	--	C,W	S	
* 705	do	do	--	--	--	--	Kea,Kt	2,670	31.2	Mar. 30, 1966	C,W	S	
* 801	do	do	--	359	--	--	Kea,Kt	--	--	--	C,E	S	
* 802	do	do	--	354	--	--	Kea,Kt	--	--	--	N	N	
* 803	do	do	--	--	--	--	Kea,Kt	--	--	--	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	BELOW LAND SURFACE DATUM (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)				DATE OF MEASUREMENT				
* 44-43-804	University of Texas	Wren Jackson	--	--	--	--	Kea,Kt	--	--	--	S,E	D		
* 805	do	do	--	--	--	--	Kea,Kt	2,610	130.6	Mar. 30, 1966	S,E	S		
* 901	do	do	--	--	--	--	Kea,Kt	--	--	--	C,W	S		
* 902	do	do	--	260	6	--	Kea,Kt	2,660	176.3	Mar. 30, 1966	C,W	S		
44-101	W.W. Watkins	--	1956	280	7	9	Kea,Kt	--	--	--	C,W	S	Reported yield 9 gpm.	
102	Theron Weatherby	--	1963	275	7	8	Kea,Kt	--	--	--	C,W	S		
103	Japson Pettit	--	1964	125	8	20	Qal,Kea	2,571	53.0	Feb. 17, 1966	C,W	S		
201	Theron Weatherby	--	1958	230	7	2	Kea,Kt	2,632	143.7	Mar. 3, 1966	C,W	S		
* 202	do	--	--	148	--	--	Kea	--	--	--	C,W	S		
* 203	do	--	1880's	200	--	--	Kea,Kt	--	--	--	C,W	S		
204	do	--	1880's	115+	--	--	Kea	2,574	70.2	Mar. 3, 1966	C,W	S		
205	Theron Weatherby and W. Loftin	--	1943	200	7	8	Kea,Kt	2,638	156.7	Apr. 14, 1966	S,E	S		
301	D.E. Hughes Estate	S.E. Hughes	1960	215	8	4	Kea,Kt	2,621	152.4 145.0	Aug. 30, 1961 Apr. 14, 1966	N	N	Formerly supplied water for oil well drilling operations.	
302	Mrs. J.W. Kille	--	1951	375	8	6	Kea,Kt	2,616	155.9	Apr. 12, 1966	N	N	Do.	
303	Frances Hughes Crews	Sam Chumley	--	150	--	--	Kea	2,551	67.8	do	C,W	S		
304	Zule Tie Hughes	S.E. Hughes	1948	225	6	--	Kea,Kt	2,622	144.8	do	C,W	S		
306	Wilson Loftin	--	1927	300	8	--	Kea,Kt	2,601	124.4	Apr. 14, 1966	C,W	S		
* 307	do	--	1934	225	8	--	Kea,Kt	2,600	115.2	do	C,W	D,S		
401	Theron Weatherby	--	1947	200	7	8	Kea,Kt	--	--	--	C,W	S		
402	do	--	1958	205	7	8	Kea,Kt	--	--	--	C,W	S		
* 403	University of Texas	Earl Whisnand	--	--	--	--	Kea,Kt	--	--	--	C,W	S		
* 404	do	do	--	--	--	--	Kea,Kt	2,620	143.8	Mar. 29, 1966	C,W	S		
502	Theron Weatherby	--	1913	200	--	--	Kea,Kt	2,639	173.0	Mar. 3, 1966	C,W	S		
503	do	--	1946	205	7	8	Kea,Kt	--	--	--	C,W	D,S		
* 504	do	--	1954	210	7	8	Kea,Kt	--	--	--	S,E	D,S	Reported yield 50 gpm.	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		WATER- BEAR- ING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-44-603	Mrs. J.W. Kile	--	1940's	--	8	--	Kea,Kt	2,621	145.4	Apr. 14, 1966	C,W	S	
* 604	do	--	1940's	220	8	--	Kea,Kt	2,595	126.1	do	C,W	S	
605	do	--	1940's	200	8	--	Kea,Kt	--	--	--	C,W	S	
* 702	University of Texas	Dr. Dale Hayter	--	--	6	--	Kea,Kt	--	--	--	C,W	S	
* 703	do	do	--	--	5	--	Kea,Kt	--	--	--	S,E	D,S	
* 704	do	Earl Whisnand	--	--	8	--	Kea,Kt	--	--	--	C,W	S	
* 801	do	Val Gohmert	1930's	--	5	--	Kea,Kt	--	--	--	S,E	S	
* 802	do	Dr. Dale Hayter	--	--	5	--	Kea,Kt	--	--	--	C,W	S	
* 803	do	Earl Whisnand	--	--	--	--	Kea,Kt	2,695	159.2	Mar. 29, 1966	C,W	S	
* 804	do	do	--	--	--	--	Kea,Kt	--	--	--	S,E	D,S	
* 901	Texas Highway Department	Reagan County	1925	275	--	--	Kea,Kt	2,639	130.9	Mar. 9, 1966	N	N	Well located on highway right-of-way.
* 902	University of Texas	Val Gohmert	1923	250	--	--	Kea,Kt	2,650	127.8	Mar. 23, 1966	N	N	
903	do	do	1930's	--	5	--	Kea,Kt	2,680	124.8	do	S,E	S	
* 904	do	do	1959	220	--	--	Kea,Kt	--	--	--	S,E	D,S	
* 45-101	Wilson Loftin	--	--	250	6	--	Kea,Kt?	2,599	199.2	Apr. 14, 1966	C,W	S	
102	Mrs. J.W. Kile	--	--	225	8	--	Kt	2,610	153.2	do	S,E	D,S	
* 103	do	--	--	250	8	--	Kea,Kt	2,608	129.9	do	S,E	S	
104	Frances Hughes Crews	--	1936	240	--	--	Kea,Kt	2,575	69.2	Mar. 30, 1966	C,W	S	
201	do	--	--	175	--	--	Kea	--	--	--	C,W	N	
202	P.H. Coates	--	1947	200	--	--	Kea,Kt	2,575	122.1	Mar. 9, 1966	C,W	S	
204	Frances Hughes Crews	--	--	250+	--	--	Kea,Kt	2,594	139.8	Apr. 14, 1966	N	N	Formerly supplied water for oil well drilling operations.
* 301	Texas Scottish Rite Hospital	Lewis L. Farr, III	--	300	--	--	Kea,Kt	2,595	189.0	Mar. 24, 1966	C,W	S	
302	do	do	--	--	--	--	Kea,Kt?	2,575	167.3	do	S	S	
* 401	Mrs. J.W. Kile	--	--	250	8	--	Kt	--	132.2	Apr. 14, 1966	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-45-402	University of Texas	P. H. Coates	1936	250	--	--	Kea, Kt	2,640	101.4	Mar. 9, 1966	C, W	S	
403	Mrs. J. W. Kile	--	1920's	275	8	--	Kea, Kt	2,603	119.2	Apr. 14, 1966	S, E	S	
* 501	P. H. Coates	--	1946	150	--	--	Kea, Kt	2,580	94.8	Mar. 9, 1966	C, W	S	
* 502	do	--	1942	160	--	--	Kea, Kt	2,525	92.9	do	C, W	S	
504	do	--	--	200	--	--	Kea, Kt	--	--	--	C, W	N	
505	Johannie Rankin	--	--	200	7-1/2	20	Kea	2,574	108.1	Apr. 14, 1966	C, W	S	
* 601	Texas Scottish Rite Hospital	Lewis L. Farr, III	--	180	--	--	Kea, Kt	2,530	164.3	Mar. 23, 1966	C, W	S	
* 602	do	do	--	180	--	--	Kea, Kt	--	--	--	S	S	Formerly supplied water for oil well drilling operations.
604	do	do	--	--	--	--	Kea, Kt	2,566	113.9 117.7	Oct. 17, 1961 Mar. 31, 1966	N	N	
701	J. C. Carr	--	1946	225+	--	--	Kea, Kt	--	--	--	C, W	S	
* 702	University of Texas	P. H. Coates	1945	200	5	--	Kea, Kt	2,552	126.7 124.4	Aug. 30, 1961 Mar. 9, 1966	C, W	S	
* 703	do	do	--	160+	5	--	Kea, Kt	2,540	102.3	do	C, W	S	
* 704	do	do	1934	400	--	--	Kea, Kt	--	--	--	C, W	S	
* 705	do	do	1962	280	--	--	Kea, Kt	--	--	--	S, E	D, S	
706	J. C. Carr	--	--	--	10-3/4	6	Kt	2,538	102.2	Mar. 24, 1966	N	N	
* 801	Johnny Rankin	--	--	250	6-1/2	20	Kea, Kt	2,530	124.3	Apr. 14, 1966	S, E	D, S	
* 803	J. C. Carr	--	1920's	325	--	--	Kea, Kt	--	--	--	C, W	D, S	
804	do	--	1942	250+	--	--	Kea, Kt	--	--	--	C, W	S	
* 806	do	--	1960	--	6	20	Kea, Kt	2,743	267.2	Mar. 24, 1966	S, E	D, S	
807	J. C. Carr	--	1938	305	--	--	Kea, Kt	2,650	250.3	Mar. 24, 1966	N	N	Drilled as an oil test in 1938. Total depth 2,803 feet; plugged back to 305 feet and completed as a water well.
808	Sunray-DX Oil Company	--	1965	300	--	--	Kea, Kt	--	--	--	N	N	Formerly supplied water for oil well drilling operations.
809	Johnny Rankin	--	1961	350	8-3/4	20	Kea, Kt	--	--	--	T, E	Irr	
* 902	Texas Scottish Rite Hospital	Lewis L. Farr, III	--	320	--	--	Kea, Kt	--	--	--	C, W	S	

See footnotes at end of table.



Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-45-906	Texas Scottish Rite Hospital	Lewis L. Farr, III	1944	205	6	205	Kea,Kt	2,490	113.7 117.5	Oct. 19, 1961 Mar. 30, 1966	N	N	Formerly supplied water for oil well drilling operations.
907	do	do	--	250	--	--	Kea,Kt	2,587	176.6 181.2	Oct. 19, 1961 Mar. 23, 1966	C,W	S	
46-102	do	do	--	160	--	--	Kea,Kt	2,511	128.6	Mar. 24, 1966	C,W	S	
202	do	do	--	125	--	--	Kea,Kt	2,430	93.8 98.5	Sept. 1, 1961 Mar. 24, 1966	C,W	S	
* 402	do	do	--	180	--	--	Kea,Kt	2,477	118.3	Mar. 23, 1966	S	D,S	
403	do	do	--	--	--	--	Kea,Kt	2,470	137.1	do	C,W	S	
* 501	do	do	--	200	--	--	Kea,Kt	2,480	130.5	do	C,W	S	
503	do	do	--	--	--	--	Kea,Kt	2,500	185.5	do	C,W	S	
* 702	Mrs. V.T. Hughes	--	--	240	--	--	Kea,Kt	2,560	220.0	Mar. 17, 1966	C,W	S	
705	Texas Scottish Rite Hospital	Lewis L. Farr, III	--	--	--	--	Kea,Kt	2,490	165.1	Mar. 23, 1966	C,W	S	
801	do	do	--	518	9-5/8	5	Kea,Kt	2,730	418.5 419.5	Sept. 1, 1961 Mar. 30, 1966	N	N	
803	do	do	--	350	--	--	Kea,Kt	2,545	203.8 210.9	Sept. 1, 1961 Mar. 23, 1966	C,W	S	
* 901	do	do	--	380	--	--	Kea,Kt	--	--	--	C,W	S	
* 50-305	University of Texas	Lester Ratliff	--	--	--	--	Kt	--	--	--	C,W	S	
306	do	Wendell Parker	1935	335	6	--	Kt	2,768	291.2	Mar. 31, 1966	C,W	S	
602	do	do	1939	410	6	410	Kt	2,870	385.3	do	C,W	S	
* 51-101	do	do	1941	325	6	325	Kt	2,780	292.7	Nov. 2, 1961	C,W	D,S	Casing slotted from 315 feet to total depth.
* 102	do	Lester Ratliff	1958	350	6	--	Kt	2,640	216.7	Mar. 31, 1966	S,E	D,S	
* 201	Marathon Oil Company	--	1948	565	5-1/2	565	Kt	2,786	348 366.8	1958 Mar. 25, 1966	S,E	Ind	Reported yield 150 gpm. Drilled as oil test; plugged back and completed as a water well. Casing perforated from 395 to 430 feet.
202	do	--	1954	600	7	600	Kea,Kt? Trs	2,728	--	--	C,E	N	Reported yield 25 to 50 gpm. Casing perforated from 300 feet to total depth.
* 203	do	--	1925	400	7	--	Kt	--	--	--	N	N	Well destroyed.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-51-205	Marathon Oil Company	Lester Ratliff	--	435	12	435	Kt	2,728	--	--	S,E	Ind	Originally drilled as an oil or gas test; plugged back to 4,355 feet and completed as a water well.
* 302	University of Texas	Fred Boggs	--	--	--	--	Kea,Kt	--	--	--	C,W	S	
* 303	do	do	--	--	8	--	Kea,Kt	2,725	261.8	Mar. 24, 1966	C,W	S	
* 304	do	do	--	--	5	--	Kt	2,785	329.3	do	C,W	S	
* 401	do	Mendell Parker	1920	412	6	412	Kea,Kt	--	--	--	C,W	S	
* 402	do	do	1926	400	6	--	Kea,Kt	2,800	373.8	Mar. 31, 1966	S,E	S	
* 501	do	do	1943	600	6	600	Kea,Kt Trs?	--	--	--	C,W	S	
* 601	do	Lacey Wade	--	125	--	--	Kt	--	--	--	C,W	S	
* 602	do	do	--	45	--	--	Kea	2,780	--	--	C,W	S	
* 702	do	Ted Harris	1959	450	6	450	Kt	2,772	--	--	C,W	S	
* 703	do	do	--	275	5	275	Kea	--	--	--	S,E	D,S	
* 801	do	do	1959	612	5-1/2	612	Kt,Trs?	--	--	--	C,W	S	Water level greater than 500 feet below land surface on March 30, 1960.
* 802	do	do	--	585	5-1/2	--	Kea,Kt	2,925	491.9	Mar. 30, 1966	C,W	S	
* 901	do	do	1937	537	8	--	Kt	2,940	485.9	do	N	N	
* 902	do	do	1950	--	--	--	Kt	2,920	49.0	do	N	N	
* 903	do	Bill Schneemann	1936	700	--	--	Kt,Trs?	--	--	--	C,W	S	
* 52-101	Atlantic Pipeline Company	--	1952	485	8	18	Kea,Kt	--	350	Apr. 18, 1952	T,E	D,Ind	
* 102	University of Texas	Fred Boggs	--	400	5	150	Kea,Kt	2,750	298.7	Mar. 24, 1966	S,E	D,S	
* 103	do	do	--	--	5	--	Kea,Kt	--	--	--	C,W	S	
* 104	do	do	--	--	5	--	Kea,Kt	2,655	203.3	Mar. 24, 1966	C,W	S	
* 105	do	do	--	--	6	--	Kea,Kt	2,730	280.4	do	C,W	S	
* 201	do	do	--	--	6	--	Kea,Kt	--	--	--	C,W	S	
* 202	do	Hubert Hodge	1930's	340	--	--	Kea,Kt	--	--	--	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIA-METER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-52-301	University of Texas	P. H. Coates	1936	400	--	--	Kea, Kt	--	--	C, W	S		
302	do	do	1937	300	--	--	Kea, Kt	--	--	C, W	S		
* 303	do	do	1916	72	6	--	Kea	2,690	Mar. 8, 1966	C, W	S		
* 304	do	Val Gohmert	1930's	--	--	--	Kea, Kt	2,640	Mar. 23, 1966	S, E	S		
401	do	Ronnie McMullan	1945	473	--	--	Kea, Kt	2,742	Mar. 17, 1966	C, W	S		
402	do	do	--	--	5	--	Kea, Kt	2,800	do	C, W	S		
* 403	do	do	--	--	--	--	Kea, Kt	2,746	do	C, W	S		
* 501	do	do	--	370	5	--	Kea, Kt	2,715	July 29, 1960 Mar. 18, 1966	T, E	S		
502	do	do	1960	50	--	--	Kea	2,716	--	S, E	D		
* 503	do	do	--	393	--	--	Kea, Kt	2,720	Mar. 17, 1966	C, W	S		
* 504	do	D. K. McMullen	--	--	--	--	Kea	2,675	Mar. 16, 1966	C, W	S		
* 505	do	do	--	35	5	--	Kea	--	--	C, W	S		
* 506	do	do	--	35	12	--	Kea	2,670	Mar. 16, 1966	S, E	D		
* 507	do	Hubert Hodge	1941	40	5	--	Kea	--	--	T, E	D		
* 508	do	do	--	40	5	--	Kea	2,668	Mar. 23, 1966	C, W	S		
* 601	Humble Pipeline Company	--	1946	510	--	--	Kea, Kt	2,657	--	--	D	Reported yield 110 gpm.	
602	University of Texas	P. H. Coates	1934	385	--	--	Kea, Kt	--	--	C, W	S		
* 603	do	Virgil Powell	--	--	--	--	Kea, Kt?	--	--	T, E C, W	D, S		
* 604	do	do	--	--	--	--	Qal	2,630	Mar. 15, 1966	C, W	S		
* 702	do	Bill Schneemann	--	700	7	--	Kt, Trs	2,885	Nov. 2, 1961	C, E	N		
* 703	do	do	--	600	--	--	Kea, Kt	--	--	S, E	D, S		
* 704	do	do	1880's	700	--	--	Kea, Kt Trs	2,895	Apr. 6, 1966	C, W	S		
* 801	do	do	1936	700	--	--	Kea, Kt Trs	--	--	C, W	S		
* 901	do	Virgil Powell	--	--	--	--	Kea, Kt	--	--	C, W	S		

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-52-902	University of Texas	Virgil Powell	--	550	--	--	Kea,Kt	--	--	--	C,W	S	
53-101	Mrs. Ralph Pembroke	Bill Schneemann	--	200	--	--	Kea	--	--	--	C,W	S	
* 102	do	do	--	420	--	--	Kea,Kt	--	--	--	C,W	S	
103	University of Texas	P.H. Coates	1929	385	--	--	Kea,Kt	2,670	89.0	Mar. 9, 1966	S,E	S	
* 104	do	do	1947	385	--	--	Kea,Kt	--	--	--	C,W	S	
* 106	J.C. Carr	--	1930's	400	--	--	Kt	2,738	336.2	Mar. 24, 1966	C,W	S	
107	University of Texas	P.H. Coates	1942	300	--	--	Kea,Kt	2,860	--	--	C,W	S	
* 108	do	do	--	--	--	--	Kea,Kt	2,660	88.2	Mar. 9, 1966	C,W	S	
202	Bill Scott	--	1940	420	7	20	Kea,Kt	2,734	38.4	Mar. 10, 1966	C,W	S	
* 203	Mrs. Ralph Pembroke	Bill Schneemann	--	480	--	--	Kea,Kt	--	--	--	S,E	D,S	
204	J.S. Lowery	--	1965	700	6	6	Kea,Kt	2,745	387.6	Mar. 24, 1966	N	N	
205	J.C. Carr	--	--	--	--	--	Kea,Kt	--	--	--	N	N	
301	Bill Scott	--	1909	350	7	5	Kea,Kt	2,595	234.0	Mar. 10, 1966	C,W	D,S	
* 302	do	--	1934	385	7	15	Kea,Kt	2,725	373.5	do	C,W	S	
401	City of Big Lake	--	1952	557	8	130	Kea	2,705	316.05	May 3, 1966	N	N	Reported yield 200 gpm in 1960.
* 402	do	--	--	440	--	--	Kea	2,686	307.2	May 4, 1966	N	N	Reported yield 90 gpm in 1960.
* 403	do	--	1944	535	7	535	Kea	2,688	--	--	T,E	N	Reported yield 150 gpm in 1960.
* 405	University of Texas	P.H. Coates	1934	405	--	--	Kea	--	--	--	C,W	S	
* 406	City of Big Lake	--	--	535	--	--	Kea	2,688	307.2	May 3, 1966	N	N	Reported yield 140 gpm in 1947.
407	do	--	--	500	--	--	Kea	2,687	313.2	do	N	N	
408	do	--	--	--	--	--	Kea	2,688	302.6	May 3, 1966	N	N	
* 409	University of Texas	Theron Weatherby	1943	405	7	30	Kea	--	--	--	C,W	S	
* 501	City of Big Lake	--	1955	503	10-3/4	129	Kea,Kt	2,700	306.7 306.4	Aug. 27, 1961 May 4, 1966	N	N	Reported yield 270 gpm in 1960.

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COM- PLET- ED	DEPTH OF WELL (FT)	CASING		WATER- BEAR- ING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM- ETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-53-502	Big Lake Country Club	--	--	--	--	--	Kea	--	--	--	T	N	Unused golf course irrigation well.
* 504	Mrs. E.P. Miller	Lucian McCoy	1949	100	7	--	Kea	2,675	---	--	C,W	S	
505	do	do	1927	100	8	--	Kea	2,655	24.7	Mar. 4, 1966	C,W	S	
* 506	J.C. Carr	--	1950's	400	--	--	Kea	2,705	315.1	Mar. 24, 1966	C,W	S	
601	Mrs. E.P. Miller	Lucian McCoy	1938	350	8	--	Kea	--	--	--	C,W	S	
* 602	do	do	1936	350	7	--	Kea	2,682	62.7	Mar. 4, 1966	S,E	D,S	
603	do	do	1957	365	6	--	Kea	2,685	36.0	do	S,E	S	
* 703	University of Texas	Virgil Powell	--	550	--	--	Kea,Kt	2,698	319.3	Mar. 10, 1966	C,W	S	
* 704	do	do	--	--	--	--	Kea	--	--	--	C,W	S	
* 705	Bud Young	--	--	18	--	--	Kea	2,645	11.2	Mar. 16, 1966	C,W	S	
* 801	Mrs. E.P. Miller	Lucian McCoy	--	60	--	--	Kea	--	--	--	C,W	S	
802	Bud Young	--	--	335	8-3/4	--	Kea,Kt?	2,667	301.5	Sept. 1, 1961	N	N	Formerly supplied water for oil well drilling operations.
* 804	do	--	1954	400	5	10	Kea,Kt	--	--	--	S,E	D,S	
805	do	--	--	375	6	10	Kea	2,672	288.2	Mar. 16, 1966	S,E	S	
806	do	--	--	375	7	3	Kea	2,682	336.0	do	C,W	S	
902	Mrs. N.W. Hickman	Tom Owens	--	400	--	--	Kea	2,745	383.6	Mar. 9, 1966	C,W	S	
* 54-102	Fred Ball	--	1946	425	7	10	Kea	2,750	406.0	Mar. 17, 1966	C,W	S	
103	do	--	--	250+	8	10	Kea,Kt?	--	--	--	C,W	D,S	
* 201	Mrs. V.T. Hughes	--	1940	529	--	--	Kea	2,752	409.2	Mar. 17, 1966	C,W	S	
* 202	do	--	1961	570	8	10	Kea,Kt	2,740	405.2	do	C,W	D,S	
* 203	do	--	1936	289	4-1/2	229-289	Kea	2,735	273.0	do	C,W	S	
205	Mrs. V.T. Hughes	--	1938	539	3-1/2	300-539	Kea,Kt	--	--	--	C,W	S	
401	Mrs. N.W. Hickman	Tom Owens	--	150	7	--	Kea	2,740	54.1 51.8	Feb. 11, 1960 Mar. 8, 1966	C,W	S	
* 501	Tom Owens	--	1946	500	7	--	Kea,Kt	--	--	--	S,E	D,S	
503	Mrs. N.W. Hickman	Tom Owens	1964	552	7	--	Kea,Kt	--	--	--	S,E	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
44-54-701	Northwest Production Corporation	--	1948	660	10-3/4 8	30 577-660	Kea,Kt	--	483	Mar. 10, 1960	S,E	Ind	Reported yield 45 gpm. Casing perforated from 577 feet to total depth.
* 702	do	--	1951	632	8 7	30 506-632	Kea,Kt	--	--	--	S,E	Ind	Reported yield 30 gpm. Casing perforated from 506 feet to total depth.
* 703	Mrs. N.W. Hickman	Tom Owens	--	400	7	--	Kea,Kt	--	--	--	C,W	S	
* 704	University of Texas	R.B. Ferguson, Sr.	1940	600	6	600	Kea,Kt	2,745	417.9	Apr. 5, 1966	C,W	S	
* 707	Mrs. N.W. Hickman	Tom Owens	--	500	7	--	Kea,Kt	--	--	--	C,W	S	
* 708	Northwest Production Corporation	--	1948	625	8 7	30 490-625	Kea,Kt	2,755	496.7	Mar. 22, 1966	S,E	Ind	Casing perforated from 586 feet to total depth.
* 709	do	--	1949	625	10 7	30 500-625	Kea,Kt	2,754	472.9	do	N	N	Casing perforated from 575 feet to total depth.
* 710	do	--	1949	627	7	627	Kea,Kt	2,753	410 455.0	Oct. 1952 Mar. 22, 1966	N	N	Casing perforated from about 577 feet to total depth.
* 711	do	--	1962	625	8	30	--	--	--	--	N	N	
* 801	Tom Owens	--	1936	450+	7	--	Kea,Kt?	--	--	--	S,E	S	
* 802	University of Texas	F.M. Elkins	1936	400	6	8	Kea,Kt?	2,625	294.4	Mar. 16, 1966	C,W	S	
* 803	do	R.B. Ferguson, Sr.	1928	450	--	--	Kea,Kt?	2,720	378.3	Apr. 5, 1966	C,W	S	
* 58-301	do	Wayne Harris	--	250	7	250	Kt	2,645	199.8 205.0	Dec. 5, 1962 Apr. 12, 1966	C,W	S	
* 59-101	do	do	1963	372	6	372	Kea,Kt	2,690	272.4	Mar. 30, 1966	C,W	S	Casing perforated from 322 feet to total depth.
* 201	do	Smith Brothers	1952	300	8	--	Kea,Kt	2,690	228.9	Apr. 7, 1966	C,W	S	
* 202	do	do	1935	400	7	--	Kea,Kt	2,740	334.1	do	C,W	S	
* 203	do	do	1952	400	--	--	Kea,Kt	2,705	271.1	Apr. 7, 1966	C,W	S	
* 302	do	Bill Schneemann	1936	700	--	--	Kea,Kt	--	--	--	C,W	S	
* 60-102	do	do	1936	700	--	--	Kea,Kt	--	--	--	C,W	S	
* 302	do	Virgil Powell	--	--	--	--	Kea,Kt?	2,793	433.7	Mar. 10, 1966	C,W	D,S	
* 303	do	do	--	--	--	--	Kea,Kt?	2,665	309.7 318.1	Oct. 29, 1962 Mar. 10, 1966	C,W	S	

See footnotes at end of table.

Table 1.--Records of Wells in Reagan County--Continued

WELL	OWNER	LESSEE OR TENANT	DATE COMPLETED	DEPTH OF WELL (FT)	CASING		WATER-BEARING UNITS	ALTITUDE OF LAND SURFACE (FT)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (IN)	DEPTH (FT)			BELOW LAND SURFACE DATUM (FT)	DATE OF MEASUREMENT			
* 44-61-101	Bill Friend	--	--	354	6	10	Kea	--	--	--	S,E	S	
* 102	University of Texas	Virgil Powell	--	--	--	--	Kea	--	--	--	C,W	S	
* 201	Bill Friend	--	1935	70	--	--	Kea	2,655	67.2 48.6	Sept. 1, 1961 Mar. 10, 1966	C,W S,E	S	
* 202	University of Texas	Bill Friend	1924	380	--	--	Kea	2,673	310	Sept. 1, 1961	S,E	D,S	
204	do	do	1938	412	--	--	Kea,Kt?	2,705	406.2	Mar. 10, 1966	C,W	S	
302	do	R.B. Ferguson, Jr.	--	100	8	--	Kea	2,645	44.3	July 13, 1960	S,E	S	Water level in an abandoned well 100 feet northeast of this well was 51.3 feet below land surface on March 9, 1966.
* 303	do	Bill Friend	--	120	6	--	Kea	2,760	42	Mar. 10, 1966	C,W	S	
* 304	do	do	1938	454	7	--	Kea,Kt?	2,725	400.4	do	S,E	S	
305	do	Marathon Oil Co.	1955	450	--	--	Kea,Kt?	2,710	--	--	S,E	D	
* 306	do	Bud Young	1954	500	6	5	Kea,Kt	--	--	--	S,E	S	
62-103	do	R.B. Ferguson, Sr.	1951	502	7	20	Kea,Kt	2,730	481.3	Mar. 8, 1966	C,W	S	
104	do	do	1942	500	--	--	Kea,Kt	--	--	--	C,W	S	
* 105	do	do	1928	160	--	--	Kea	2,698	43.8	Apr. 5, 1966	C,W	S	
* 106	do	do	1940	450	8	20	Kea,Kt?	--	360+	do	C,W	S	
* 201	do	do	--	460	8	--	Kea,Kt.	2,725	430 377.9	July 13, 1960 Mar. 9, 1966	S,E	D,S	

\* For chemical analysis of water, see Table 2.  
 1) Texas Board of Water Engineers duplicated report, Glasscock County, Texas, Records of Wells, Drillers' Logs and Water Analyses and Map Showing Location of Wells, 1937.  
 2) Texas Board of Water Engineers Bulletin 5903, Record of Water Level Measurements in Crockett, Glasscock, Reagan, Upton, and Terrell Counties, Texas, 1937 through 1957, 1959.

Table 2.--Chemical Analyses of Water From Wells in Reagan County

Analyses are grouped in this table by water-bearing unit. The analyses were performed by the Texas State Department of Health except as indicated by footnote. The results are in milligrams per liter except percent sodium, specific conductance, pH, and sodium-adsorption ratio.

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	PH	SODIUM ADSORPTION RATIO (SAR)	
Trinity Sand																			
44-19-902	Douglas Cauble	220	Feb. 7, 1966	9	167	51	107	218	550	57	2.2	24.0	1,070	630	27.1	1,500	7.3	1.86	
20-708	do	230	do	14	322	113	291	259	1,310	213	2.9	13.5	2,410	1,270	33.2	3,020	7.5	3.55	
806	C.E. Schaefer	285	Feb. 10, 1966	12	110	32	90	248	262	80	1.7	19.5	730	406	32.6	1,095	8.3	1.95	
810	T.I. Green	350	Feb. 15, 1966	10	146	43	117	242	444	88	1.8	28.5	1,000	540	31.9	1,550	7.5	2.18	
821	Alfred J. Schwartz	264	Feb. 16, 1966	11	137	48	159	251	456	128	2.1	25.0	1,090	540	39.1	1,750	7.4	2.99	
902	Florence Wilde	340	Feb. 10, 1966	11	82	33	56	226	192	45	1.9	19.0	550	342	26.2	851	7.6	1.31	
914	do	310	do	10	105	38	110	253	304	81	2.0	20.5	800	421	36.3	1,260	7.6	2.34	
27-201	The Nunn Company	300	Mar. 4, 1966	11	450	143	413	223	1,720	405	2.5	40.5	3,300	1,710	34.5	4,350	7.3	4.34	
301	Katherine Atkinson	225	Feb. 7, 1966	9	160	58	127	242	560	84	2.7	21.0	1,140	640	30.2	1,600	7.4	2.19	
307	Edward Plagens, Jr.	300	Feb. 16, 1966	9	126	44	104	260	347	99	2.3	15.0	870	495	31.4	1,455	7.6	2.04	
310	The Nunn Company	245	Mar. 4, 1966	9	139	53	129	218	485	104	2.6	10.5	1,040	570	33.1	1,600	7.7	2.36	
501	do	300	do	10	260	296	840	220	2,500	630	4.3	20.5	4,670	1,870	49.6	6,040	7.5	8.46	
608	D.A. Dumas	240	Feb. 28, 1966	9	126	51	117	255	433	71	2.6	13.5	950	530	32.6	1,460	7.5	2.22	
611	H.H. Porter and Bass Elliott	290	Feb. 23, 1966	6	332	219	930	278	2,000	1,040	2.6	< .4	4,670	1,730	54.1	6,290	7.3	9.76	
801	The Nunn Company	230	Mar. 3, 1966	10	326	356	1,200	278	3,020	1,110	5.4	13.5	6,180	2,280	53.1	7,380	7.6	10.90	
803	Southland Royalty Company	310	Mar. 22, 1966	1	200	88	1,010	51	1,060	1,370	2.3	< .4	3,760	860	71.8	5,625	8.1	14.95	
908	do	243	do	10	376	325	1,060	250	2,690	1,160	3.8	14.0	5,760	2,280	50.2	6,895	7.4	9.69	
28-406	The Nunn Company	300	Mar. 21, 1966	17	176	82	188	294	560	231	3.1	30.0	1,430	780	34.4	2,050	7.5	2.93	
621	Edwin J. Schiller	226	May 17, 1966	22	77	26	45	228	116	57	1.3	19.0	475	300	24.4	740	7.4	1.12	
35-901	Clarence E. Ham	135	Mar. 16, 1966	11	197	96	292	245	1,030	146	3.7	13.0	1,910	890	41.8	2,490	7.5	4.28	
903	H.A. Hartgrove	200	Mar. 17, 1966	9	226	120	291	245	1,200	150	3.2	23.0	2,140	1,060	37.3	2,670	7.4	3.89	
5/ 36-601	Kathrine Hughes Trigg	325	May 2, 1958	--	--	--	--	261	308	76	--	--	--	382	--	1,224	7.5	--	
5/ 610	do	250	Apr. 30, 1958	--	--	--	--	244	51	30	--	--	--	246	--	550	7.8	--	

See footnotes at end of table.



Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Trinity Sand																			
44-38-305	Texas Scottish Rite Hospital	170	Mar. 24, 1966	15	54	28	26	229	62	28	2.1	13.0	34.1	251	18.6	590	7.6	0.72	
42-303	Union Texas Petroleum (a division of Allied Chemical Corporation)	308	Oct. 27, 1965	9	187	93	221	223	980	75	2.5	21.0	1,700	850	36.1	2,250	7.6	3.33	
314	do	268	do	8	250	102	610	234	900	900	2.7	8.0	2,900	1,040	56.3	4,400	7.3	5.75	
318	do	300	do	12	172	72	152	235	660	101	2.7	25.0	1,310	720	31.3	1,850	7.4	2.45	
320	do	300	do	9	187	93	221	223	980	75	2.5	21.0	1,700	850	36.1	2,250	7.6	3.79	
323	do	300	Apr. 14, 1966	10	176	101	236	221	970	102	3.7	10.0	1,720	850	37.6	2,305	7.7	3.51	
324	do	300	Oct. 27, 1965	12	172	72	152	235	660	101	2.7	25.0	1,310	720	31.3	1,850	7.4	2.44	
326	do	250	Apr. 12, 1966	9	191	111	211	215	1,010	103	3.5	8.0	1,750	930	33.0	2,245	7.6	3.01	
327	do	250	do	18	172	79	154	238	690	89	3.7	18.0	1,340	750	30.8	1,870	7.4	2.44	
328	do	250	do	17	238	95	191	226	1,030	82	3.5	16.0	1,780	990	29.6	2,350	7.5	2.65	
43-103	Mrs. J.S. Elliot	--	do	18	253	97	132	221	1,000	60	3.0	21.0	1,690	1,030	21.8	2,030	7.7	1.79	
704	University of Texas	--	Mar. 30, 1966	11	110	54	74	273	319	43	2.3	27.0	770	498	24.5	1,150	7.7	1.45	
45-401	Mrs. J.W. Kile	250	1956	--	--	--	--	273	172	72	--	--	--	400	--	880	7.5	--	
50-305	University of Texas	--	Mar. 31, 1966	10	168	110	250	287	950	117	3.7	7.0	1,760	870	38.4	2,350	8.0	3.68	
51-101	do	325	do	10	234	151	319	317	1,280	195	3.7	13.0	2,360	1,200	36.5	2,980	7.6	3.99	
102	do	350	do	11	217	132	230	228	1,160	112	3.0	26.0	2,000	1,090	31.5	2,500	7.4	3.03	
201	Marathon Oil Company	565	Mar. 25, 1966	12	184	116	270	321	920	197	3.0	18.0	1,880	940	38.5	2,530	7.6	3.84	
203	University of Texas	400	Sept. 11, 1947	8	156	103	304	262	985	144	2.6	9.0	1,990	813	42.5	--	7.7	4.35	
205	Marathon Oil Company	435	Mar. 25, 1966	11	169	105	278	281	940	138	3.4	18.0	1,820	850	41.4	2,420	7.9	4.13	
304	University of Texas	--	Mar. 24, 1966	10	144	89	278	246	890	127	3.4	15.0	1,680	720	45.5	2,300	7.5	4.49	
601	do	125	Mar. 28, 1966	28	176	47	211	279	137	499	2.0	4.0	1,240	630	42.1	2,170	7.3	3.70	
53-106	J.C. Carr	450	1956	--	--	--	--	281	764	294	--	--	--	812	--	--	7.3	--	
106	do	400	Mar. 24, 1966	11	156	107	269	257	760	291	3.0	<	1,720	830	41.3	2,430	7.4	4.06	
58-301	University of Texas	250	Apr. 12, 1966	19	133	83	144	349	479	111	2.7	27.0	1,170	670	31.7	1,730	7.4	2.42	

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL, $\bar{y}$ (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
Trinity Sand-Edwards and Associated Limestones																			
2/ 44-18-902	El Paso Natural Gas Company	300	1960	12.2	550	626	789	156	154	270	--	--	1,965	1,176	30.3	2,000	--	5.46	
906	do	295	Jan. 31, 1966	20.0	276	85	185	198	970	176	2.0	29.5	1,840	1,040	27.9	2,300	7.6	2.49	
19-703	E.G. Wilde	275	Feb. 17, 1966	9	162	63	161	227	630	132	1.9	14.5	1,290	660	34.5	1,950	7.2	2.72	
802	W.R. Schwartz	325	do	9	140	47	147	220	550	80	2.1	16.0	1,100	540	37.0	1,700	7.3	2.73	
20-910	Florence Wilde	317	Sept. 19, 1949	17	50	36	*	226	94	28	--	17.0	382	273	17.2	645	7.6	.68	
913	do	340	Feb. 10, 1966	12	114	34	77	237	279	59	1.6	21.0	720	427	28.1	1,046	7.8	1.61	
918	R.B. Wilde	290	Feb. 11, 1966	11	96	31	63	250	201	47	1.6	22.5	600	368	27.1	915	7.9	1.42	
21-801	Mrs. Clay Wells	--	Mar. 3, 1966	11	97	45	65	250	254	51	2.2	22.0	670	427	24.8	1,040	7.9	1.36	
901	do	190	do	9	57	30	28	255	68	31	1.4	< .4	349	265	18.7	610	8.3	.75	
22-708	J.E. Bynum	--	Mar. 10, 1966	15	42	19	14	193	22	18	.8	9	235	184	14.2	410	7.9	.45	
801	Sarah Hull and Sallie Fox	--	Mar. 11, 1966	11	39	24	11	231	14	14	.5	< .4	228	197	11.1	415	8.0	.35	
26-302	Leonard Proctor	290	Mar. 2, 1966	9	199	85	204	264	740	200	2.7	21.0	1,590	850	34.4	2,300	7.2	3.05	
902	B. Sherrod, et al.	235	Dec. 13, 1965	13	242	95	144	248	850	81	3.4	47.0	1,600	1,000	23.9	2,090	7.3	1.98	
902	do	235	Feb. 8, 1966	11	239	93	138	248	880	85	3.1	32.5	1,600	980	23.5	2,090	7.5	1.92	
27-104	Leonard Proctor	--	Mar. 2, 1966	11	225	106	253	250	890	263	2.5	20.5	1,900	1,000	35.5	2,700	7.4	3.48	
105	do	--	Mar. 1, 1966	10	452	206	227	138	1,990	171	6.0	21.0	3,150	1,980	19.9	3,700	7.5	2.22	
404	do	--	do	10	361	195	520	270	1,990	405	5.0	25.0	3,640	1,700	39.8	4,550	7.4	5.50	
405	Cal. Johnson	260	Mar. 8, 1966	11	203	68	145	237	720	85	3.3	24.0	1,380	790	28.6	1,940	7.5	2.25	
406	George L. Aldwell Estate	145	do	27	540	126	349	249	1,800	324	4.3	29.0	3,320	1,860	29.2	3,750	7.5	3.51	
616	John Portwood	280	Feb. 28, 1966	8	310	115	375	220	1,370	326	2.3	22.0	2,640	1,250	39.5	3,490	7.6	4.62	
702	Mrs. Ruby Wright	290	Feb. 24, 1966	9	343	93	237	239	1,340	110	3.0	13.0	2,270	1,240	29.3	2,860	7.4	2.93	
703	The Nunn Company	300	Mar. 3, 1966	11	355	134	290	233	1,390	320	3.0	24.5	2,650	1,440	30.5	3,450	7.4	3.33	
705	George L. Aldwell Estate	265	Mar. 8, 1966	12	412	126	335	268	1,610	256	3.8	21.0	2,910	1,550	32.0	3,750	7.6	3.70	
903	H.H. Porter and Bass Elliot	300	Feb. 24, 1966	13	354	210	620	282	1,530	860	3.7	40.5	3,770	1,750	43.3	5,250	7.2	6.43	
906	Southland Royalty Company	297	Mar. 22, 1966	11	318	142	350	233	1,280	410	3.2	26.0	2,660	1,380	35.5	3,425	7.3	4.10	
907	do	305	do	16	365	231	760	275	1,680	1,040	3.7	21.0	4,250	1,860	47.4	5,550	7.2	7.69	

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL <sup>1/</sup> (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
Trinity Sand-Edwards and Associated Limestones																		
44-28-204	Cynthia Malone Estate	180	Mar. 10, 1966	11	103	37	74	270	237	58	2.1	19.0	670	407	28.2	1,036	7.6	1.59
303	R.B. Wilde	250	Feb. 11, 1966	11	88	26	77	254	196	43	1.9	22.0	590	328	33.7	900	7.6	1.84
306	J.D. Blankenship	300	Feb. 9, 1966	18	70	30	42	235	97	56	1.4	15.0	445	297	23.4	735	7.4	1.05
310	Mrs. Clay Wells	--	Mar. 4, 1966	20	75	14	25	239	41	33	1.0	10.0	337	244	18.1	585	7.5	.69
2/ 404	Jim Daniel	390	1953	--	796	554	--	168	711	471	--	--	2,700	1,358	--	--	--	--
503	E.G. Cauble, Jr.	210	Mar. 21, 1966	22	109	27	64	257	135	105	2.0	20.0	610	381	26.8	991	7.8	1.43
506	do	200	do	23	86	14	34	223	83	45	1.2	15.0	411	271	21.5	665	7.8	.90
604	G. Lester Jansa	390	Feb. 10, 1966	14	82	35	115	255	228	89	2.0	15.0	710	351	41.6	1,110	7.3	2.67
620	Edwin J. Schiller	308	May 17, 1966	28	86	22	69	231	143	70	1.5	22.0	560	306	33.0	855	7.3	1.81
3/ 801	E.C. Braden	380	Apr. 30, 1958	10	75	29	* 47	242	136	48	--	--	604	307	25.0	781	7.4	1.17
801	do	380	May 17, 1966	11	113	45	161	260	457	75	2.5	16.0	1,010	467	42.8	1,420	7.5	3.23
814	Siler E. Williams	325	Feb. 16, 1966	17	85	20	26	233	96	32	1.6	14.0	407	297	16.1	660	7.4	.66
815	E.G. Cauble, Jr.	200	Mar. 21, 1966	21	137	54	144	223	344	218	3.1	27.0	1,060	570	35.6	1,650	7.7	2.63
29-101	Mrs. Clay Wells	250	Mar. 7, 1966	15	65	43	47	227	183	36	1.8	17.0	520	339	23.1	830	8.1	1.10
202	Cecil Halfmann	310	Feb. 16, 1966	12	103	50	65	240	317	52	1.8	19.0	740	466	23.2	1,115	7.5	1.30
204	C.H. Sugg, et al.	--	Mar. 4, 1966	15	49	30	22	232	54	23	1.5	15.0	324	245	16.5	500	7.3	.62
406	do	320	do	20	51	22	8	234	23	7	.7	9.0	256	217	7.1	440	7.7	.22
604	J.M. Childress	400	Feb. 10, 1966	12	55	32	26	220	89	24	1.3	11.0	358	277	17.4	600	7.3	.69
3/ 705	Clayton Henderson	300	Sept. 18, 1949	22	57	30	* 37	228	43	67	--	30.0	398	266	27.0	689	7.7	1.09
803	C.H. Sugg, et al.	--	Mar. 2, 1966	16	46	30	28	229	42	37	.5	10.0	323	238	20.4	580	7.6	.72
905	Gordon Roach	200	Feb. 25, 1966	7	42	29	22	221	37	27	1.5	< .4	277	222	17.5	495	7.5	.63
916	H.H. Balkum	399	Feb. 9, 1966	12	51	30	23	215	69	24	1.4	14.0	330	250	16.7	560	7.4	.63
30-101	John H. Holt	270	Feb. 18, 1966	21	49	22	22	228	28	21	1.4	12.0	288	210	18.3	496	7.5	.65
204	J.E. Bynum	--	Mar. 10, 1966	13	52	36	29	228	107	24	1.7	12.0	387	276	18.5	619	8.0	.75
302	C.H. Sugg, et al.	--	Mar. 1, 1966	10	42	24	12	204	23	17	1.1	9.0	238	204	11.5	430	7.7	.37
405	John H. Holt	315	Feb. 18, 1966	11	58	34	30	233	109	26	1.4	< .4	384	287	18.4	665	7.2	.77

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL <sup>1</sup> (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
44-30-502	C.H. Suggs, et al.	--	Mar. 2, 1966	11	71	36	34	255	131	26	1.9	8.0	444	325	18.5	732	7.6	0.82
505	Ivy Ruth Cope, et al.	--	Mar. 9, 1966	15	52	32	23	222	73	24	1.8	14.0	344	261	16.1	573	8.1	.62
606	do	--	Mar. 8, 1966	16	47	31	24	232	44	31	1.7	12.0	321	244	17.7	545	7.9	.67
609	C.H. Suggs, et al.	--	Mar. 9, 1966	15	42	31	21	226	34	30	1.9	12.0	298	233	16.4	576	7.9	.60
702	do	250	Mar. 2, 1966	10	41	26	15	214	28	18	1.7	10.5	256	209	13.62	463	8.0	.46
902	Ivy Ruth Cope, et al.	--	Mar. 8, 1966	11	70	41	46	228	198	31	1.6	11.0	520	346	22.4	820	8.2	1.08
904	C.H. Suggs, et al.	--	Mar. 9, 1966	14	55	30	25	248	63	26	1.5	11.0	348	263	17.1	581	7.9	.67
34-301	Ethel W. and Charles A. Byrd	175	Mar. 11, 1966	13	296	129	208	234	1,250	122	3.5	33.0	2,170	1,270	26.3	2,640	7.3	2.54
302	do	175	do	10	262	129	290	237	1,300	144	3.4	31.0	2,290	1,190	34.7	2,810	7.4	3.66
908	W.O. Hayter, Jr.	366	Apr. 14, 1966	11	181	90	227	232	900	107	2.9	14.0	1,650	820	37.5	2,250	7.4	3.44
911	do	366	Apr. 8, 1966	14	269	87	108	201	950	52	3.2	16.0	1,600	1,030	18.6	2,090	7.9	1.47
918	J.D. Christy, et al.	--	Apr. 14, 1966	13	278	64	102	226	830	72	3.5	21.0	1,500	960	18.7	1,920	7.2	1.43
35-104	George L. Aldwell Estate	290	Mar. 8, 1966	10	222	108	280	250	1,100	132	3.4	27.0	2,010	1,000	37.9	2,540	7.5	3.86
208	do	165	do	21	381	149	800	289	1,380	1,070	3.8	18.0	3,970	1,570	52.4	5,330	7.5	8.74
301	Southland Royalty Company	227	Mar. 22, 1966	12	239	91	197	248	940	129	3.0	23.0	1,760	970	30.6	2,300	7.3	2.74
302	do	321	do	11	570	105	3,540	254	1,000	6,100	3.4	< .4	11,500	1,850	80.6	> 12,000	7.4	35.83
303	Billy Boyd	285	Mar. 10, 1966	28	233	77	259	253	540	479	3.3	23.0	1,770	900	38.5	2,850	7.4	3.76
304	George W. Jolnick	300	Feb. 24, 1966	9	407	449	1,450	254	2,930	2,010	4.0	6.0	7,390	2,860	52.5	9,440	7.4	11.78
502	H.A. Hartgrove	147	Mar. 17, 1966	40	268	124	360	428	1,230	222	4.5	29.0	2,490	1,180	39.9	3,000	7.5	4.56
601	Billy Boyd	200	Mar. 10, 1966	13	219	90	194	244	900	120	3.3	27.0	1,690	920	31.5	2,160	7.5	2.91
603	Otis Basham	230	Mar. 16, 1966	18	76	25	55	267	110	34	2.0	19.0	470	292	29.2	741	7.5	1.41
803	H.A. Hartgrove	200	Mar. 17, 1966	10	222	134	362	227	1,380	176	3.9	10.0	2,410	1,110	41.6	3,100	7.3	4.73
804	Clarence E. Ham	170	Mar. 16, 1966	8	175	106	335	214	1,150	163	4.3	< .4	2,050	870	45.4	2,560	7.5	4.92
904	do	170	do	16	151	55	160	267	560	92	2.1	12.0	1,180	600	36.6	1,650	7.6	2.83
905	do	170	do	8	193	104	264	215	1,070	146	3.7	< .4	1,900	910	38.7	2,445	7.4	3.80

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL <sup>1/2</sup> (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
Trinity Sand-Edwards and Associated Limestones																		
44-36-101	H.H. Porter and Bass Elliot	229	Apr. 30, 1958	--	--	--	--	268	524	326	--	--	--	616	--	2,300	7.7	--
101	do	229	Apr. 15, 1966	28	92	18	41	250	98	44	1.7	12.0	458	302	22.7	737	7.3	1.02
107	S.E. Stout, Jr.	250	Feb. 18, 1966	24	140	39	120	223	286	181	2.2	34.0	940	510	33.7	1,540	7.6	2.30
109	do	220	do	24	135	34	140	253	229	230	2.2	17.5	940	480	38.9	1,600	7.4	2.78
110	do	300	do	24	83	25	133	239	106	190	2.5	9.0	690	310	48.3	1,155	7.6	3.29
202	do	250	do	24	114	30	84	243	138	160	1.8	15.0	690	408	30.9	1,115	7.4	1.81
203	A.C. Preston	--	Apr. 7, 1966	21	78	22	32	214	46	82	1.0	11.0	398	287	19.4	720	7.5	.81
204	S.E. Stout, Jr.	250	Feb. 18, 1966	24	92	8	24	248	51	34	.8	6.5	363	264	16.5	592	7.5	.64
301	Reagan Co. Water Supply District	354	Oct. 10, 1958	--	98	41	139	273	380	85	2.3	14.0	990	415	42.2	--	7.5	2.97
301	do	354	Jan. 1960	--	45	24	62	216	20	25	1.6	9.7	400	215	40.8	475	7.9	1.86
301	do	354	May 5, 1966	12	89	41	104	261	286	74	1.9	18.0	750	394	36.4	1,080	7.4	2.27
302	do	345	Nov. 20, 1958	--	63	41	78	216	133	102	2.1	27.0	573	328	34.24	--	7.9	1.86
302	do	345	Jan. 1960	--	76	40	88	234	226	61	1.8	19.0	285	215	35.1	475	--	2.03
302	do	345	May 5, 1966	10	82	38	102	244	252	73	2.5	22.0	700	364	37.9	1,079	7.4	2.33
303	do	336	Oct. 15, 1958	--	94	44	114	253	285	66	2.0	20.0	--	418	38.65	--	--	2.50
303	do	336	Jan. 1960	--	55	30	20	217	63	35	1.4	14.0	348	263	14.3	580	--	.54
303	do	336	May 5, 1966	11	98	46	128	256	383	70	2.3	19.0	880	433	39.2	1,300	7.4	2.68
304	do	340	Oct. 24, 1958	--	44	23	11	215	17	17	.7	9.0	249	205	10.5	--	7.6	.34
304	do	340	Jan. 1960	--	42	20	6	210	10	12	.5	8.4	339	190	6.5	237	--	.19
304	do	340	May 5, 1966	9	84	40	104	243	301	58	2.2	9.0	730	375	37.5	1,040	7.3	2.32
305	do	231	Oct. 10, 1958	--	46	27	15	204	35	31	1.5	8.7	298	228	12.6	--	--	.43
305	do	231	Jan. 1960	--	54	31	19	215	58	36	1.4	16.0	351	263	13.7	585	--	.51
305	do	231	May 5, 1966	21	44	27	19	206	41	26	1.8	13.0	294	220	16.1	495	7.6	.57
309	do	400	do	10	104	43	130	254	389	72	2.3	21.0	900	439	39.2	1,355	7.7	2.70
311	do	400	do	12	92	45	131	250	344	79	2.5	13.0	840	413	40.8	1,255	7.6	2.80
312	do	400	do	13	85	40	140	250	355	72	2.9	12.0	840	377	44.6	1,255	7.6	3.13

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL <sup>1</sup> (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROHOS AT 25°C)	PH	SODIUM ADSORPTION RATIO (SAR)
44-36-313	Reagan Co. Water Supply District	400	May 5, 1966	15	56	30	45	231	110	29	2.9	15.0	417	265	27.1	674	7.6	1.21
314	do	400	do	12	94	45	161	255	402	102	2.8	16.0	960	421	45.4	1,400	7.6	3.41
403	Minnie Waddell Haby	225	Mar. 22, 1966	16	149	70	203	239	481	266	2.5	20.0	1,330	660	40.1	1,970	7.6	3.43
405	Japson Pettit	300	Feb. 17, 1966	22	224	54	1,590	203	100	2,880	1.9	6.5	4,980	780	81.2	8,200	6.9	24.34
408	Wayne Cobb	300	Feb. 24, 1966	9	283	196	560	232	1,350	740	2.9	7.5	3,260	1,510	44.8	4,550	7.4	6.22
501	Frank Lindley	238	May 3, 1958	--	--	--	--	234	107	82	--	--	--	194	--	817	8.2	--
506	Japson Pettit	300	Apr. 8, 1966	10	125	102	367	249	730	410	3.7	9.0	1,880	730	52.2	2,850	7.6	5.90
602	Carlotta Hartman	250	Apr. 12, 1966	24	214	112	362	244	780	550	3.7	13.0	2,180	1,000	44.1	3,200	7.4	5.00
608	S.E. Hughes	180	Mar. 31, 1966	11	92	45	147	255	401	67	2.9	8.0	900	414	43.5	1,350	7.8	3.14
702	J. Patterson	165	Feb. 25, 1966	9	164	87	223	239	810	130	3.0	16.0	1,560	770	38.8	2,200	7.5	3.51
707	Minnie Waddell Haby	200	Mar. 22, 1966	10	147	77	223	250	750	124	3.4	17.0	1,470	690	41.4	2,000	7.6	3.70
901	Frances Hughes Crews	225	1956	--	--	--	--	307	875	144	--	--	--	654	--	--	7.3	--
901	do	300	Apr. 11, 1966	21	292	64	165	264	890	128	3.8	12.0	1,710	990	26.6	2,250	7.4	2.28
37-101	Mamie Julian, et al.	345	Feb. 11, 1966	11	77	37	61	234	207	38	1.9	13.0	560	345	27.8	865	7.6	1.43
307	Texas Scottish Rite Hospital	100	Mar. 24, 1966	17	65	30	33	318	51	24	1.5	13.0	391	287	19.9	670	7.7	.84
403	do	300	do	12	57	33	64	229	153	37	3.1	21.0	493	280	33.2	805	8.0	1.65
501	do	100	1956	--	--	--	--	256	142	34	--	--	--	274	--	--	7.9	--
38-201	Ivy Ruth Cope, et al.	--	Mar. 8, 1966	12	42	30	21	227	36	23	1.7	10.0	288	229	16.5	504	8.2	.60
301	C.H. Suggs, et al.	--	Mar. 9, 1966	13	47	29	22	229	48	23	1.8	12.0	309	237	16.6	536	7.9	.61
405	Texas Scottish Rite Hospital	101	Mar. 24, 1966	25	97	56	106	386	243	74	1.8	14.0	810	474	32.6	1,200	7.4	2.11
802	do	--	do	17	185	127	406	322	1,030	362	2.6	5.0	2,290	980	47.3	3,140	7.4	5.63
903	do	232	do	13	74	46	69	261	176	78	2.8	21.0	610	375	28.5	985	7.7	1.55
43-104	W.H. Dixon	170	Apr. 12, 1966	20	212	78	191	224	880	84	3.5	16.0	1,600	850	32.9	2,200	7.6	2.86
203	Stanley and Gene Turner	194	Aug. 30, 1961	12	150	74	* 306	258	898	124	3.1	17.0	1,710	678	49.0	2,320	6.8	5.1
203	do	250	Mar. 2, 1966	11	205	90	236	259	890	188	2.5	10.5	1,760	880	36.7	2,400	7.5	3.45

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL <sup>1</sup> (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	pH	SODIUM ADSORPTION RATIO (SAR)
44-43-205	John Patterson	80	Feb. 25, 1966	9	190	95	253	249	960	117	3.0	19.5	1,770	860	38.9	2,450	7.4	3.74
302	W.W. Watkins	190	Mar. 2, 1966	17	145	78	138	218	610	114	3.0	22.5	1,240	680	30.5	1,900	7.4	2.30
304	do	90	do	24	272	31	164	282	100	590	.5	6.0	1,330	810	30.7	2,310	7.2	2.51
401	W.H. Dixon	190	Apr. 12, 1966	13	101	47	82	264	291	52	3.0	15.0	730	447	28.5	1,144	7.8	1.68
402	University of Texas	--	Mar. 30, 1966	11	129	59	110	242	475	73	3.0	14.0	990	570	29.7	1,425	8.0	2.02
403	do	--	do	23	394	94	416	126	620	1,090	2.0	17.0	2,720	1,370	39.7	4,180	7.4	4.89
501	W.H. Dixon	180	Apr. 12, 1966	17	158	79	178	253	710	88	2.9	11.0	1,370	720	34.9	1,970	7.5	2.88
502	James Turner	90	Mar. 2, 1966	23	402	136	345	265	1,020	730	2.0	21.0	2,810	1,560	32.4	4,000	7.4	3.79
503	University of Texas	--	Mar. 30, 1966	12	118	68	110	238	460	83	2.4	42.0	1,010	580	29.4	1,470	7.6	2.00
602	do	--	do	24	650	180	1,660	237	438	3,910	1.3	12.0	6,990	2,380	60.0	10,150	7.2	14.78
705	do	--	do	25	610	99	169	146	1,760	232	4.2	39.0	3,010	1,940	15.9	3,400	7.5	1.66
801	do	359	Sept. 11, 1947	11	136	84	* 238	246	813	112	2.6	11.0	1,670	685	43.0	--	7.7	3.85
802	do	354	Aug. 20, 1947	17	155	90	* 393	260	903	310	2.4	11.0	2,120	757	52.4	--	7.8	6.12
803	do	--	Mar. 30, 1966	11	155	89	191	232	770	116	3.0	24.0	1,470	750	35.6	1,990	7.5	3.03
804	do	--	do	17	111	63	112	226	176	261	1.5	36.0	890	540	31.4	1,550	7.6	2.18
805	do	--	do	29	1,170	291	2,190	163	478	5,840	1.8	28.0	10,100	4,130	53.4	> 12,000	7.2	14.80
901	do	--	do	18	710	258	3,080	183	740	6,180	3.4	12.0	11,100	2,840	70.2	> 12,000	7.1	25.20
902	do	260	do	11	112	86	166	260	600	99	3.2	10.0	1,220	630	36.4	1,720	7.6	2.88
44-203	Theron Weatherby	200	Mar. 3, 1966	11	114	86	81	251	475	65	3.0	39.0	1,000	640	21.5	1,500	7.7	1.39
307	Wilson Loftin	225	Apr. 14, 1966	20	91	61	103	235	278	130	2.1	27.0	830	476	32.0	1,290	7.5	2.05
403	University of Texas	--	Mar. 29, 1966	11	141	90	233	248	800	128	3.5	10.0	1,540	720	41.2	2,100	7.5	3.87
404	do	--	Mar. 20, 1969	11	110	73	157	253	520	96	3.2	27.0	1,120	580	37.2	1,650	7.7	2.84
504	Theron Weatherby	210	Mar. 3, 1966	18	116	63	100	261	363	104	2.2	26.5	920	550	28.4	1,450	7.4	1.78
604	Mrs. J.W. Kille	220	Apr. 14, 1966	16	86	57	74	250	228	102	2.7	< .4	690	449	26.3	1,140	7.4	1.52
702	University of Texas	--	Mar. 24, 1966	23	373	131	850	160	267	2,020	1.2	2.5	3,750	1,470	55.9	6,240	7.0	9.63
703	do	--	do	15	112	70	202	270	570	117	2.6	< .4	1,220	570	43.6	1,760	7.3	3.69

Trinity Sand-Edwards and Associated Limestones

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLOU-RIDE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
44-44-704	University of Texas	--	Mar. 29, 1966	5	116	96	301	167	910	153	4.0	18.0	1,690	680	48.9	2,350	7.8	5.01
801	do	--	Mar. 23, 1966	24	291	104	277	246	1,220	191	4.6	30.0	2,260	1,160	34.2	2,800	7.5	3.54
802	do	--	Mar. 24, 1966	11	150	100	268	246	870	164	2.6	11.0	1,700	790	42.6	2,340	7.6	4.16
803	do	--	Mar. 23, 1966	21	322	98	246	229	1,060	309	3.7	10.5	2,180	1,210	30.7	2,850	7.2	3.07
804	do	--	Mar. 29, 1966	13	166	103	270	250	940	157	3.5	9.0	1,790	840	41.2	2,400	7.6	4.06
901	Texas Highway Department	275	Apr. 9, 1951	21	101	65	95	262	373	82	1.6	9.0	925	519	28.4	--	--	1.81
902	University of Texas	250	1956	--	--	--	--	278	957	214	--	--	--	1,050	--	--	7.4	--
904	do	220	Mar. 23, 1966	11	160	97	160	259	740	111	2.1	13.5	1,420	800	30.3	1,900	7.4	2.46
45-101	Wilson Loftin	250	1956	--	--	--	--	259	42	44	--	--	--	248	--	--	7.6	--
103	Mrs. J. N. Kile	250	Apr. 14, 1966	16	80	58	62	268	222	73	3.8	19.0	670	438	25.5	1,070	7.6	1.43
301	Texas Scottish Rite Hospital	300	Mar. 24, 1966	20	54	37	26	293	269	76	3.6	24.0	394	418	16.6	655	7.6	.68
402	University of Texas	250	1956	--	--	--	--	256	160	34	--	--	--	262	--	--	7.6	--
501	P. H. Coates	150	1956	--	--	--	--	268	56	34	--	--	--	268	--	585	8.5	--
502	do	160	1956	--	--	--	--	264	30	18	--	--	--	224	--	488	7.6	--
502	do	160	Mar. 9, 1966	23	72	17	13	259	24	20	1.1	11.0	308	250	10.4	526	7.7	.37
601	Texas Scottish Rite Hospital	180	1956	--	--	--	--	288	1,025	266	--	--	--	870	--	--	7.3	--
602	do	180	1956	--	--	--	--	276	397	80	--	--	--	344	--	--	7.5	--
702	University of Texas	200	1956	--	--	--	--	249	394	114	--	--	--	560	--	1,450	7.4	--
702	do	200	Mar. 9, 1966	18	102	71	107	223	384	109	2.6	43.0	950	550	29.9	1,400	7.7	1.99
703	do	160	1956	--	--	--	--	293	99	44	--	--	--	300	--	755	8.3	--
704	do	400	Mar. 8, 1966	19	125	70	161	256	510	151	2.4	12.0	1,180	600	36.9	1,730	7.4	2.87
705	do	280	do	22	112	77	132	265	472	116	2.4	10.0	1,070	600	32.5	1,550	7.8	2.34
801	Johnny Rankin	250	1956	--	--	--	--	288	660	128	--	--	--	632	--	2,100	7.3	--
801	do	250	Apr. 14, 1966	28	137	80	217	268	650	138	3.2	19.0	1,400	670	41.3	2,100	7.5	3.65
803	J. C. Carr	325	1956	--	--	--	--	281	415	114	--	--	--	560	--	--	7.4	--

Trinity Sand-Edwards and Associated Limestones

See footnotes at end of table.



Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL <sup>1</sup> (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
44-45-806	J.C. Carr	--	Mar. 24, 1966	22	120	62	116	259	397	112	2.6	10.0	970	550	31.3	1,460	7.5	2.14
902	Texas Scottish Rite Hospital	320	1956	--	--	--	286	217	54	--	--	--	380	--	--	--	7.4	--
902	do	320	Feb. 23, 1966	22	92	47	65	276	248	55	2.0	9.0	680	423	24.9	1,190	7.7	1.34
46-402	do	180	1956	--	--	--	--	354	163	82	--	--	--	398	--	--	7.3	--
402	do	180	Mar. 23, 1966	22	96	43	102	312	211	96	1.8	13.0	740	416	34.8	1,175	7.5	2.18
501	do	200	1956	--	--	--	--	256	786	400	--	--	--	796	--	--	7.3	--
501	do	200	Mar. 23, 1966	10	158	99	353	237	760	402	3.1	8.0	1,910	800	48.9	2,850	7.5	5.43
702	Mrs. V.T. Hughes	240	1956	--	--	--	--	293	292	96	--	--	--	440	--	--	7.4	--
901	Texas Scottish Rite Hospital	380	Mar. 23, 1966	9	145	98	449	328	910	373	3.4	< .4	2,150	760	56.1	3,000	7.5	7.06
51-302	University of Texas	--	Mar. 24, 1966	11	127	90	215	238	760	111	3.2	17.0	1,450	690	40.3	2,020	7.5	3.55
303	do	--	do	11	294	154	2,250	259	980	3,550	4.2	4.5	7,380	1,370	78.4	10,770	7.6	26.46
402	do	400	Mar. 31, 1966	10	182	127	256	285	980	158	3.0	13.5	1,870	980	36.3	2,470	7.3	3.54
802	do	585	Mar. 30, 1966	5	119	134	365	205	1,100	229	3.6	< .4	2,060	850	48.4	2,750	7.2	5.46
52-101	Atlantic Pipeline Company	485	July 29, 1960	10	149	99	* 270	250	902	145	2.9	11.0	1,710	779	43.0	2,300	7.4	4.2
			Mar. 29, 1966	8	151	104	304	240	970	171	3.5	7.0	1,840	810	45.1	2,490	7.8	4.67
102	University of Texas	400	Mar. 24, 1966	11	138	96	215	233	810	113	3.0	10.0	1,510	740	38.8	2,060	7.3	3.44
103	do	--	Mar. 29, 1966	10	146	96	213	240	810	117	2.9	14.0	1,530	760	37.8	2,090	7.6	3.35
104	do	--	Mar. 24, 1966	11	129	84	154	235	630	101	2.2	10.0	1,240	670	33.4	1,750	7.8	2.59
105	do	--	do	11	161	109	210	257	880	137	3.4	7	1,640	850	35.0	2,195	7.7	3.13
201	do	--	July 29, 1960	21	275	210	* 339	397	1,480	298	.5	--	2,820	1,550	32.0	3,490	7.3	3.7
201	do	--	Mar. 24, 1966	15	339	212	313	510	1,510	300	3.8	< .4	2,940	1,720	28.4	3,600	7.1	3.29
202	do	340	Mar. 23, 1966	15	171	109	248	306	790	224	3.2	5	1,720	880	38.1	2,405	8.1	3.65
304	do	--	do	20	183	86	115	270	740	112	2.4	11.0	1,440	810	29.3	1,940	7.4	2.60
403	do	--	Mar. 17, 1966	12	248	162	347	423	1,170	311	3.5	< .4	2,460	1,290	37.0	3,210	7.2	3.68
501	do	370	July 29, 1960	8.6	232	176	272	380	1,150	272	--	2.2	2,300	1,300	31.0	3,080	6.6	3.3
501	do	370	Mar. 18, 1966	10	255	164	311	386	1,180	289	3.4	< .4	2,400	1,310	34.0	3,260	7.8	3.74
503	do	393	Mar. 17, 1966	15	178	119	256	328	900	190	3.1	< .4	1,820	930	37.3	2,410	7.4	3.64

Trinity Sand-Edwards and Associated Limestones

See footnotes at end of table.

Table 2. --Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL, <sup>1</sup> / <sub>2</sub> (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
44-52-601	Humble Pipeline Company	510	July 29, 1960	11	115	77	* 256	227	718	158	--	4.8	1,450	604	48.0	2,010	7.6	4.50
601	do	510	Mar. 18, 1966	8	117	83	236	236	690	156	3.1	< .4	1,410	630	44.7	2,000	7.7	4.07
603	University of Texas	--	Mar. 15, 1966	32	182	41	339	386	168	630	1.5	< .4	1,580	620	54.2	2,800	7.7	5.91
703	do	600	Mar. 17, 1966	11	154	99	248	277	870	154	3.0	5	1,680	790	40.5	2,280	7.9	3.83
901	do	--	Mar. 11, 1966	11	162	110	362	277	840	370	3.7	< .4	2,000	860	47.8	2,760	7.8	5.39
902	do	550	Mar. 10, 1966	9	155	111	255	234	900	194	3.0	< .4	1,740	840	39.6	2,500	8.0	3.81
53-102	Mrs. Ralph Pembroke	420	Mar. 11, 1966	4	118	100	309	177	840	261	3.5	< .4	1,720	710	48.7	2,510	8.0	5.06
5/ 104	University of Texas	385	1956	--	--	--	--	305	574	184	--	--	--	696	--	--	7.4	--
108	do	--	Mar. 9, 1966	17	208	93	471	288	487	850	3.3	< .4	2,270	900	53.2	3,800	7.7	6.83
203	Mrs. Ralph Pembroke	480	1956	--	--	--	--	305	850	210	--	--	--	792	--	2,270	7.6	--
302	Bill Scott	385	Mar. 10, 1966	10	132	96	223	271	700	194	3.4	< .4	1,490	720	40.1	2,090	7.5	3.59
501	City of Big Lake	503	May 16, 1955	41	224	99	335	281	948	337	2.8	< .4	2,302	966	43.0	--	7.5	4.67
703	University of Texas	550	Mar. 10, 1966	11	155	107	339	272	770	366	3.7	< .4	1,890	830	47.1	2,760	7.6	5.13
804	Bud Young	400	Mar. 16, 1966	11	159	114	435	279	850	510	3.7	< .4	2,220	870	52.2	3,310	7.6	6.44
5/ 54-202	Mrs. V.T. Hughes	570	1956	--	--	--	--	342	267	188	--	--	--	490	--	1,540	7.5	--
5/ 202	do	550	do	--	--	--	--	324	730	306	--	--	--	710	--	2,410	7.3	--
501	Tom Owens	500	Mar. 9, 1966	9	113	101	314	314	670	282	3.4	< .4	1,650	700	49.5	2,420	7.6	5.18
702	Northwest Production Corporation	632	Mar. 15, 1966	10	100	81	406	370	710	277	3.7	< .4	1,770	580	60.2	2,730	7.6	7.31
703	Mrs. N.W. Hickman	400	Mar. 9, 1966	9	132	97	297	295	710	260	3.6	< .4	1,650	730	47.1	2,450	7.6	4.81
5/ 704	University of Texas	300	1956	--	--	--	--	420	316	286	--	--	--	576	--	--	8.1	--
704	do	600	Apr. 5, 1966	16	109	55	127	361	262	144	2.4	< .4	890	499	35.6	1,410	7.9	2.47
803	do	450	do	24	133	72	267	326	510	277	2.6	< .4	1,450	630	48.1	2,200	7.2	4.64
59-101	do	372	Apr. 7, 1966	13	257	159	278	322	1,270	202	3.2	< .4	2,340	1,300	31.8	3,005	7.4	3.36
201	do	300	do	9	184	132	246	253	1,020	186	3.2	< .4	1,900	1,000	34.8	2,550	7.4	3.38
202	do	400	do	14	145	113	230	344	750	177	2.9	< .4	1,600	830	37.7	2,360	7.9	3.51
203	do	400	Nov. 29, 1962	13	179	126	230	297	918	170	2.0	4.2	1,939	967	34.1	2,420	7.4	3.22

Trinity Sand-Edwards and Associated Limestones

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FILTRATE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25° C)	PH	SODIUM ADSORPTION RATIO (SAR)	
<b>Trinity Sand-Edwards and Associated Limestones</b>																			
44-59-302	University of Texas	700	Apr. 6, 1966	10	77	58	133	333	286	107	3.7	< .4	840	433	40.1	1,340	7.7	2.88	
60-102	do	700	do	11	190	144	394	359	990	398	3.0	< .4	2,310	1,070	44.5	3,410	7.9	5.24	
303	do	--	Oct. 30, 1962	15	151	98	293	337	634	295	1.0	< .4	1,824	779	45.0	2,050	7.4	4.57	
303	do	--	Mar. 10, 1966	12	146	91	281	334	670	293	3.2	< .4	1,660	740	45.2	2,440	7.9	4.49	
61-304	Bill Friend	454	do	15	152	89	228	433	493	245	3.1	< .4	1,440	750	39.9	2,210	7.3	3.63	
306	do	500	Mar. 16, 1966	12	137	94	318	392	670	300	2.6	< .4	1,730	730	48.7	2,510	7.4	5.18	
62-106	University of Texas	450	Apr. 5, 1966	15	93	41	118	307	191	142	2.3	< .4	750	401	39.0	1,260	7.4	2.55	
201	do	460	Mar. 9, 1966	11	101	73	204	384	383	208	3.2	< .4	1,170	550	44.6	1,900	7.6	3.77	
<b>Trinity Sand-Edwards and Associated Limestones-Santa Rosa Sandstone</b>																			
44-29-601	Eddie Von Gonten	425	Feb. 15, 1966	13	47	24	13	216	27	18	1.1	9.0	258	215	11.7	465	7.4	.39	
901	J.M. Childress	291	1956	18	46	24	*	237	28	26	--	--	410	213	11.8	--	7.7	.39	
52-704	University of Texas	700	Apr. 6, 1966	13	171	113	322	311	1,020	212	2.9	5	2,010	890	44.0	2,640	7.8	4.69	
801	do	700	do	23	193	65	510	268	494	780	2.7	6	2,210	750	59.4	3,505	7.7	8.04	
<b>Trinity Sand-Santa Rosa Sandstone</b>																			
44-28-902	Tom H. Davis	435	May 19, 1966	12	97	51	184	262	442	119	2.8	16.0	1,050	452	46.9	1,590	7.5	3.75	
917	Leslie Carlton, Jr.	445	May 12, 1966	18	45	38	30	237	94	18	2.8	9.0	372	270	19.5	602	7.3	.80	
51-801	University of Texas	612	July 29, 1960	14	142	151	* 362	195	1,230	222	--	12.0	2,230	976	45.0	2,920	7.8	5.0	
801	do	612	Mar. 30, 1966	10	194	136	331	320	1,190	203	3.0	4.5	2,230	1,050	40.8	2,850	7.6	4.45	
903	do	700	Apr. 6, 1966	13	223	141	362	376	1,110	308	3.2	< .4	2,350	1,140	40.9	3,160	7.4	4.67	
<b>Edwards and Associated Limestones</b>																			
44-28-811	Siler E. Williams	138	July 1, 1966	12	123	36	138	214	282	194	1.4	26.0	920	456	39.8	1,430	7.5	2.82	
29-704	Clayton Henderson	229	Feb. 10, 1966	17	56	25	29	218	49	39	1.3	15.0	338	244	20.5	575	8.1	.81	
30-403	John H. Holt	250	Feb. 18, 1966	12	44	11	4	172	7	8	.5	9.0	181	155	4.9	394	7.5	.13	
35-103	Ethel W. and Charles A. Byrd	150	Mar. 11, 1966	20	157	32	119	262	271	184	2.0	29.0	940	520	33.1	1,495	7.4	2.26	
207	George L. Aldwell Estate	127	Mar. 8, 1966	9	212	91	207	250	900	113	3.2	30.0	1,690	910	33.3	2,320	7.5	3.00	
702	H.A. Hartgrove	140	Mar. 17, 1966	11	230	116	280	234	1,200	144	3.9	16.0	2,120	1,050	36.7	2,650	7.4	3.76	

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
44-36-507	Henry Cravens	165	Apr. 8, 1966	18	58	30	35	211	88	38	3.5	17.0	392	270	22.0	672	7.6	0.93
603	S.E. Hughes	165	Mar. 31, 1966	29	164	69	147	293	580	125	2.6	< .4	1,260	690	31.5	1,760	7.1	2.42
44-202	Theron Weatherby	148	Mar. 3, 1966	17	59	26	19	227	48	33	1.6	16.0	332	257	14.0	569	7.7	.52
45-701	J.C. Carr	200	1956	23	90	42	76	262	229	78	1.4	23.0	712	397	34.6	--	7.4	1.88
51-602	University of Texas	45	Mar. 28, 1966	34	138	37	179	299	208	280	2.1	6.0	1,030	497	43.9	1,730	7.7	3.49
703	do	275	Mar. 30, 1966	32	99	32	35	331	87	37	.7	44.0	530	380	16.8	833	7.8	.79
52-303	do	72	Mar. 8, 1966	23	104	9	28	284	39	46	.7	21.0	411	297	17.0	700	7.3	.71
502	do	50	Mar. 18, 1966	33	120	26	* 96	387	109	103	1.2	13.0	690	409	32.1	1,111	7.3	1.92
504	do	--	Mar. 16, 1966	23	121	10	21	405	24	19	.9	< .4	418	347	11.6	705	7.2	.49
505	do	35	do	46	630	126	990	337	500	2,430	2.0	8.0	4,910	2,080	50.6	7,360	6.9	9.42
506	do	35	do	41	419	78	520	361	313	1,306	1.7	8.0	2,870	1,340	45.2	4,650	6.9	6.09
507	do	40	Mar. 23, 1966	34	165	23	116	400	150	189	7.5	12.0	890	510	33.3	1,450	7.3	2.25
508	do	40	do	35	159	24	113	392	141	179	1.8	16	860	496	33.2	1,395	7.5	2.21
53-402	City of Big Lake	440	1943	14	180	109	307	--	949	256	2.4	--	2,063	897	49.8	--	7.4	5.15
403	do	535	Aug. 20, 1947	6	182	109	* 313	274	933	254	2.4	.8	2,080	902	40.3	--	7.3	4.18
405	University of Texas	405	Mar. 8, 1966	13	152	106	304	264	880	253	3.4	< .4	1,840	820	44.7	2,510	7.5	4.64
406	City of Big Lake	535	Sept. 11, 1947	6	167	108	* 334	274	947	244	2.6	.8	1,940	861	53.2	--	7.4	5.74
409	University of Texas	405	Mar. 3, 1966	8	252	226	1,590	271	1,420	2,340	4.0	< .4	5,970	1,550	69.0	8,590	7.7	17.48
504	Mrs. E.P. Miller	100	Mar. 4, 1966	28	580	91	1,240	278	550	2,650	1.9	4.0	5,280	1,800	60.0	8,350	6.8	12.71
506	J.C. Carr	400	Mar. 24, 1966	5	128	79	292	182	720	256	3.6	< .4	1,570	640	49.7	2,300	7.4	5.02
602	Mrs. E.P. Miller	350	Mar. 4, 1966	9	125	91	197	259	640	171	3.2	< .4	1,360	690	38.5	2,180	7.7	3.28
704	University of Texas	--	Mar. 10, 1966	10	158	108	256	267	850	185	3.4	< .4	1,700	840	39.9	2,460	7.6	3.87
705	Bud Young	18	Mar. 16, 1966	27	326	49	650	331	410	1,240	1.2	10.0	2,880	1,020	58.0	4,710	7.3	8.84
801	Mrs. E.P. Miller	60	Mar. 4, 1966	24	484	137	394	329	1,810	339	4.0	< .4	3,350	1,770	32.3	4,100	7.3	4.07
54-102	Fred Ball	425	Mar. 17, 1966	5	123	99	268	270	670	250	3.7	< .4	1,550	710	45.0	2,255	7.5	4.36
201	Mrs. V.T. Hughes	529	1956	--	--	--	--	264	490	132	--	--	--	570	--	--	7.6	--

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)	
44-54-201	Mrs. V. T. Hughes	529	Mar. 17, 1966	8	106	81	141	238	510	122	2.9	< 0.4	1,090	600	33.9	1,680	7.7	2.51	
5/ 203	do	289	1956	--	--	--	--	329	112	266	--	--	--	516	--	1,400	7.2	--	
5/ 61-101	Bill Friend	325	1956	--	--	--	--	312	376	192	--	--	--	516	--	--	7.8	--	
101	do	354	Mar. 10, 1966	11	150	114	350	357	810	333	3.4	< .4	1,950	850	47.4	2,770	7.6	5.24	
102	University of Texas	--	Mar. 11, 1966	8	169	101	292	250	870	277	3.8	< .4	1,840	840	43.1	2,525	7.6	4.39	
5/ 201	Bill Friend	70	1956	--	--	--	--	298	162	80	--	--	--	388	--	--	7.3	--	
5/ 202	University of Texas	325	1956	--	--	--	--	312	376	192	--	--	--	516	--	--	7.8	--	
5/ 303	do	125	1956	--	--	--	--	276	28	22	--	--	--	270	--	--	7.3	--	
303	do	120	Mar. 10, 1966	24	91	10	17	268	30	31	.4	15.0	350	268	12.3	594	7.4	.46	
62-105	do	160	Apr. 5, 1966	26	89	9	34	268	37	48	.8	< .4	376	258	22.1	635	7.5	.91	
<b>Edwards and Associated Limestones</b>																			
44-34-601	H.A. Hartgrove	79	Mar. 17, 1966	38	407	40	154	301	760	335	2.9	20.0	1,910	1,180	22.0	2,555	7.2	1.94	
36-808	Frances Hughes Crews	80	Apr. 12, 1966	31	143	49	89	365	199	154	1.8	10.0	860	560	25.6	1,370	7.3	1.63	
5/ 37-402	Texas Scottish Rite Hospital	80	1956	--	--	--	--	334	742	274	--	--	--	760	--	--	7.1	--	
5/ 705	S.E. Hughes	65	Mar. 23, 1960	10	95	12	* 72	222	125	88	--	--	614	289	34.9	--	8.0	1.80	
705	do	65	Apr. 1, 1966	27	164	92	303	318	740	294	2.9	8.0	1,790	790	45.5	2,500	7.4	4.69	
<b>Alluvium</b>																			
4/ 44-36-604	S.E. Hughes	40	Mar. 23, 1960	32	234	126	* 324	333	1,050	308	--	--	2,375	1,103	43.6	--	7.5	4.63	
4/ 605	do	65	do	31	106	35	* 96	308	145	150	--	--	840	408	35.9	--	7.6	2.13	
806	Japson Pettit	32	Feb. 17, 1966	15	321	99	600	268	407	1,330	2.1	5.0	2,910	1,210	51.9	4,750	7.2	7.46	
37-401	Texas Highway Department	60	May 5, 1961	11	160	62	259	252	848	80	2.7	9.5	1,560	654	46.0	2,090	7.1	4.40	
502	Texas Scottish Rite Hospital	60	Mar. 25, 1966	32	287	143	510	373	810	880	3.2	13.0	2,860	1,310	45.8	4,300	7.1	6.12	
52-604	University of Texas	--	Mar. 15, 1966	33	296	53	500	373	332	1,020	1.7	3.0	2,420	960	53.2	4,510	7.3	7.04	

See footnotes at end of table.

Table 2.--Chemical Analyses of Water From Wells in Reagan County--Continued

WELL	OWNER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	PERCENT SODIUM	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	SODIUM ADSORPTION RATIO (SAR)
21 44-18-903	El Paso Natural Gas Company	965	Oct. 1953	--	352	318	4,660	324	728	4,274	--	--	10,332	2,620	--	--	--	--

Santa Rosa Sandstone

1/ Depth of well is that depth reported or measured at the time the water sample was collected. For some wells different depths are shown for different dates. The difference in depths in most instances is due to caving or sifting of the well, deepening or redrilling, and in a few instances difference in depth reported to the data collector.

2/ Analysis by El Paso Natural Gas Company.

3/ Analysis by U.S. Geological Survey.

4/ Analysis by Humble Oil and Refining Company.

5/ Analysis by Curtis Laboratories.

\* Concentration includes both sodium (Na) and potassium (K).