

TEXAS BOARD OF WATER ENGINEERS

H. A. Beckwith, Chairman

O. F. Dent, Member

BULLETIN 5501

RECORDS OF WELLS IN HAYS COUNTY, TEXAS

By

Kenneth J. DeCook and W. W. Doyel, Geologists

United States Geological Survey

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

February 1955

# C O N T E N T S

	Page
Introduction .....	1

## ILLUSTRATION

Plate 1. Map showing locations of wells in Hays County, Tex. ....	61
---	----

## TABLES

Table 1. Records of wells in Hays County, Tex. ....	2
2. Drillers' logs of wells in Hays County .....	25
3. Water levels in wells in Hays County .....	36
4. Analyses of water from wells in Hays County .....	54

# RECORDS OF WELLS IN HAYS COUNTY, TEXAS

By

Kenneth J. DeCook and W. W. Doyel, Geologists

February 1955

## INTRODUCTION

This publication contains records of 482 representative wells and springs in Hays County, Tex., together with drillers' logs of 43 wells, records of water-level measurements in 41 wells, and analyses of water samples from 235 wells and springs.

An inventory of wells and springs in Hays County by B. A. Barnes was released in November 1938 by the Texas Board of Water Engineers in cooperation with the United States Geological Survey. The present report contains the information given in the 1938 report and data collected between 1938 and 1954. Most of the recent data were collected and compiled by W. W. Doyel of the Geological Survey.

A map of Hays County is provided with this report to show locations of the wells and springs listed in the tables. The map is divided into 10-minute quadrangles of latitude and longitude. The wells and springs are numbered within each lettered quadrangle, and all well numbers in the tables refer to letters and numbers shown on the map.

Table 1.- Records of wells and springs in Hays County, Tex.  
(All wells are drilled unless otherwise noted in remarks)

Method of lift: C, cylinder; E, electric; G, gasoline; H, hand; J, jet; T, turbine; W, windmill. Number indicates horsepower.

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

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*A-1	S. F. Harlbut	--	--	Spring	--	+	--	Flows	S	Numerous springs supplying pool about 60 by 85 feet. Known as Dead Man's Hole.
A-2	W. A. Breed	--	Old	260	6	174.8	Jan. 10, 1951	C, W	S	
*A-3	Ollie Sorrell	A. Clements	1940	251	--	--	--	C, E	D, S	Reported weak supply.
A-4	Leon Sorrell	--	Old	375	--	140.6	Jan. 10, 1951	C, W	D, S	Reported strong supply.
*A-5	Paul Sorrell	A. Hayden	1947	150	--	--	--	C, W	D, S	
A-6	Roy Breed	--	Old	69	6	34.7	Jan. 10, 1951	C, W	S	Reported weak supply.
A-7	Mrs. Minnie Luersen	A. Clements	1917	196	6	<sup>a</sup> /190	1950	C, E	D, S	
*A-8	Ed Holmes	--	--	69	6	26.8	Sept. 9, 1937	J, E	D, S	Casing: 2 feet of 6-inch. Temp. 72°F.
A-9	--	--	1942	160	6	125.8	Nov. 17, 1950	C, W	S	
*A-10	Mrs. I. W. Davis	Glass & Saunders	1928	113	6	85.6	Sept. 9, 1937	None	N	
A-11	C. B. Griffin	--	Old	25	48	12.3	Nov. 17, 1950	None	N	Dug. Rock curb.
A-12	D. F. Watson	--	--	100	6	39.5	do.	C, W	D, S	Reported strong supply.
A-13	M. J. McNair	--	Old	38	6	22.6	Nov. 20, 1950	H	N	Reported weak supply.
A-14	do.	-- Paige	Old	400	6	119.6	do.	None	N	Reported highly mineralized water.
A-15	do.	--	--	Spring	--	+	do.	Flows	D, S	Flows into concrete reservoir.
*A-16	J. M. Smitherman	--	Old	345	6		--	C, W	D, S	Reported weak supply.
A-17	do.	--	Old	87	6	45.0	Nov. 20, 1950	H	D	
A-18	L. C. McCarty	-- Paige	Old	200	6	135.6	do.	C, G	D, S	Reported strong supply. Used to irrigate 2 acres.
*A-19	Walton Walker	Earl Johnson	--	350	6	--	--	C, W	D, S	

<sup>a</sup>/ Reported by owner or driller.

\* For chemical analyses, see table 4.

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
A-20	S. H. Brooks	--	--	Spring	--	+	Nov. 22, 1952	Flows	S	Flows into concrete trough.
B-1	S. F. Hurlbut	--	--	180	--	--	--	C, E	D, S	Reported strong supply.
*B-2	Willie Puryear	Willie Puryear	1907	177	6	94.6 96.0	Nov. 3, 1937 Dec. 19, 1950	H	D	
B-3	Mrs. T. L. Myers	--	Old	42	6	--	--	C, W	D, S	Reported strong supply.
*B-4	Mrs. Truman Breed	Arthur Clements	1914	272	6	23.0	Nov. 3, 1937	C, G	D, S	Reported cleaned and deepened in 1948.
*B-5	R. N. Cotton	A. Hayden	1928	450	6	--	--	C, W	D, S	
B-6	W. A. Breed	--	Old	220	6	188.0	Dec. 20, 1950	C, W	D, S	Reported strong supply.
B-7	W. H. Meyers	--	Old	190	6	143.4	do.	C, W	S	Reported weak supply.
*B-8	do.	A. Hayden	1938	575	6	--	--	C, W	D	Do.
B-9	G. M. Douglas	--	Old	223	6	191.4	Dec. 19, 1950	C, W	D	Do.
B-10	Gay Carroll	--	--	Spring	--	+	do.	Flows	D	Enclosed in a stone and concrete reservoir.
B-11	M. Z. Piland	A. Hayden	Old	365	6	164.2	do.	C, E	D, S	Reported strong supply.
B-12	J. F. Darter	--	Old	20	30	8.1	do.	H	D	Dug. Rock curb.
B-13	J. J. Lumpkin	John Glass	1947	110	6	--	--	C, E	D, S	Reported flowed when drilled.
B-14	J. G. Puryear	--	Old	200	8	68.8	Jan. 23, 1951	H	D, S	
B-15	F. W. Werth	E. Milton	1915	280	6	191.4 165.0	Nov. 3, 1937 Dec. 19, 1950	C, W	D, S	
B-16	B. T. Crumley	--	--	237	--	180.4	Nov. 15, 1937	C, W	S	
B-17	do.	--	--	20	30	12.0 15.6	Nov. 15, 1937 Jan. 23, 1951	C, E	D	Dug.
B-18	W. S. Hall	--	--	230	6	84.6	Nov. 15, 1937	C, E	S	Deepened to 472 feet and reported strong supply.
B-19	do.	--	Old	230	6	182.1	Jan. 23, 1951	C, W	D	
B-20	G. W. Stillman	Ab Sprouts	1910	150	6	--	--	C, E	D, S	
B-21	A. Magness	-- Glass	1935	210	--	95.3	Jan. 11, 1951	C, W	D, S	
B-22	C. U. Trautwein	Ed Milam	1930	182	6	--	--	C, W	D, S	
*B-23	John Glossom	--	--	207	6	106.6	Nov. 15, 1937	C, E	D, S	
B-24	Ben Everett	--	Old	67	6	38.0	Jan. 23, 1951	None	N	
*B-25	do.	--	--	183	6	161.2	Nov. 15, 1937	C, E	D, S	

Table 1. Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*B-26	G. W. Houchin	--	--	85	7	45.4 30.1	Sept. 7, 1937 Dec. 20, 1950	H	D	Reported to vary seasonally.
*B-27	M. H. McFarland	--	1907	9	60	6.7 8.5	Sept. 7, 1937 Dec. 20, 1950	C,E	D,S	Dug. Rock curb. Reported to vary seasonally.
*B-28	E. A. Traylor	--	--	Spring	--	+	Dec. 20, 1950	Flows	S	Flows into rock pit. Temp. 78°F.
*B-29	J. W. Farrell	Felix Saunders	1922	442	7	--	--	C,W	D,S	Deepened from 330 feet in 1949.
*B-30	Mrs. W. L. Farrell	G. W. Houchin	1905	96	6	65.9 60.6	Sept. 9, 1937 Dec. 20, 1950	None	N	Unused for 5 years.
*B-31	J. E. Coghill	--	--	165	7	76.6 148.3	Sept. 9, 1937 Jan. 10, 1951	H	D	Deepened from 106 feet.
B-32	G. G. Koehn	--	1912	16	72, 40	10.1	Sept. 9, 1937	H	D	Dug.
B-33	Fred Alva	--	--	135	--	10.1 68.7	Sept. 9, 1937 Jan. 10, 1951	H	D,S	Formerly dug well 14 feet deep.
*B-34	W. A. Harber	--	--	200	6	150	Sept. 1937	C,W	D,S	
B-35	Carl Widen	-- Kennedy	1943	187	6	150.2	Nov. 21, 1950	C,W	D,S	
B-36	S. W. Harper	--	--	Spring	--	+	Nov. 20, 1950	Flows	D,S	Flows into concrete reservoir.
B-37	J. O. Follis	--	Old	102	6	101.9	Nov. 21, 1950	C,W	S	Reported highly mineralized water.
B-38	--	--	--	Spring	--	+	Dec. 19, 1950	Flows	N	Known as "Dripping Springs."
*B-39	P. O. Brannon	--	1902	110	7	41.9 98.9	Sept. 7, 1937 Dec. 19, 1950	None	N	
*B-40	Dripping Springs School	John Glass	1949	190	8	--	--	C,E	P	Supplies 250 students during school year.
*B-41	Felix Lindsey	--	1912	64	6	42.1	Sept. 17, 1937	C,E	D,S	
B-42	do.	--	--	Spring	--	+	Nov. 28, 1950	Flows	S	Reported to fluctuate seasonally.
*B-43	Clarence Southwell	F. Saunders	--	149	6	103.1	Aug. 6, 1941	C,E	D	See table of water level measurements.
*B-44	Lester Brenizer	--	--	Spring	--	+	Nov. 28, 1950	Flows	D,S	Concrete basin around spring. Reported to fluctuate seasonally. Known as "Walnut Springs." Temp. 72°F.
B-45	Ike D. Roberts	John T. Spaw	1897	86	--	10.1	Sept. 2, 1937	C,E	D,S	
*B-46	Albert Garcia	--	--	87	6	59.8	Dec. 3, 1953	H	D	Altitude 1,210.4 feet. See table of water level measurements.
*B-47	do.	--	--	40	48, 36	36.5	do.	None	N	Dug. Altitude 1,208.2 feet. See table of water level measurements

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
B-48	Lee Berkley	--	Old	40	72	19.7	Jan. 11, 1951	H	D	Dug.
B-49	do.	--	Old	245	6	156.0	do.	None	N	
*B-50	H. A. McIntyre	--	1902	170	6	--	--	C, W	D, S	
*B-51	W. J. Vaughn	Chas. Hayden	--	137	6	78.6	Nov. 17, 1937	H	D, S	Reported varies seasonally.
B-52	E. E. Townes	A. Clements	1940	202	6	190.9	Jan. 11, 1951	None	N	
*B-53	do.	do.	--	799	--	--	--	C, E	D, S	
B-54	do.	John Glass	1950	425	8	156.0	Jan. 11, 1951	C, W	D, S	Reported strong supply.
B-55	do.	--	--	Spring	--	+	do.	Flows	N	Reported to fluctuate seasonally. Known as Miller Spring.
B-56	do.	--	Old	135	6	84.9	do.	None	N	
B-57	do.	A. Clements	1941	441	6	188.8	do.	C, W	S	Reported strong supply.
*B-58	Glynn C. Key	--	--	46	7	36.0	Dec. 3, 1953	H	D	Altitude 1,262.2 feet. See table of water level measurements.
*B-59	do.	--	--	87	7	55.2	do.	H	D	Altitude 1,261.6 feet. See table of water level measurements.
*B-60	Bob Breeding	--	--	Spring	--	--	--	None	N	No longer flowing. Formerly supplied stock. Temp. 78°F.
*B-61	do.	--	--	Spring	--	+	Jan. 11, 1951	Flows	N	Rock wall around spring. Formerly supplied house and stock. Temp. 79°F.
B-62	E. W. Rutter	--	Old	375	6	238.6	do.	C, W	D, S	Reported weak supply.
*B-63	F. J. Turk	--	1931	623	6	97.6	Sept. 24, 1937	C, E	D	Deepened from 235 feet in Nov. 1950.
B-64	H. J. Willie	--	Old	225	6	216.2	Nov. 29, 1950	C, W	D, S	
B-65	W. D. Newman	--	Old	50	--	32.5	June 6, 1952	C, W	D, S	
B-66	Mrs. R. Christal Estate	--	--	42	144	31.7	Nov. 27, 1950	H	D, S	Dug.
B-67	do.	--	Old	110	6	53.1	do.	H	D	Reported weak well.
B-68	Thomas Sawyer	--	1949	580	8	--	--	C, E	S	

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*C-1	J. C. Crisp	--	--	Spring	--	+	Nov. 17, 1950	Flows	D	Flows into small concrete reservoir. Temp. 67°F.
C-2	Ernest Luersen	A. Williamson	1946	284	6	87.2	do.	C, W	D, S	
C-3	L. C. McCarty	--	--	Spring	--	+	Nov. 20, 1950	Flows	S	Several small seeps from creek bank.
C-4	S. H. Brooks	H. Harmon	1923	320	6	310.0	Nov. 22, 1950	H	D	
C-5	Mrs. -- Hardcastle	--	Old	400	6	213.4	Nov. 21, 1950	C, W	D, S	
C-6	do.	--	Old	137	6	130.1	do.	None	N	
C-7	do.	--	Old	67	48	36.0	do.	-, H	D	Dug. Stone curb. Used for drinking water in summer time.
C-8	P. H. Prochnow	--	1894	503	5	a/491 123.0	Nov. 21, 1931 Nov. 21, 1950	C, G	N	Well apparently caved to 127 feet.
C-9	Jim Curnutte	--	--	300	8	260.4	Nov. 22, 1950	C, W	S	
*C-10	G. J. Contois	--	1917	54	--	42.0 41.8	Nov. 2, 1937 Nov. 22, 1950	C, H	N	
C-11	Mrs. -- Irving	--	--	Spring	--	+	Nov. 17, 1950	Flows	S	Many small seeps at contact of limestone and gravel in creek bank.
C-12	-- Nicholson	--	Old	400	6	167.2	Nov. 20, 1950	None	N	Formerly supplied ranch house.
*C-13	do.	--	--	Spring	--	+	Nov. 17, 1950	Flows	D	Flows from solution channel in limestone into stone and concrete box. Reported to fluctuate seasonally.
C-14	D. B. Gilder	--	Old	210	--	--	--	C, E	D, S	
*C-15	Steiner & Garnett	--	--	240	6	--	--	C, W	D, S	
*C-16	D. R. Strauss	--	1920	390	18	--	--	C, W	D, S	Reported weak supply.
C-17	H. W. Jones	-- Owen	1948	300	--	208.6	June 4, 1952	C, W	D, S	
*C-18	Mrs. D. M. Meeks	--	--	Spring	--	+	do.	Flows	S	Reported to fluctuate seasonally. Known as Bottom Spring. Temp. 72°F.
*C-19	do.	--	1922	90	6	69.8 70.9	Oct. 26, 1937 June 4, 1952	C, W	D, S	
*C-20	J. J. Ploch	--	1911	292	6	a/160	1923	C, W	S	



Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*C-21	George Rust	--	--	172	6	97.0	Dec. 3, 1953	C, G	D, S	Altitude 1,162.2 feet. See table of water level measurements.
*C-22	do.	-- Adare	1934	470	8	222.1	do.	None	N	Altitude 1,165.5 feet. See table of water level measurements.
*C-23	J. N. Byler	Sise, Rothrock & Irving	1929	810	10	220.4	do.	C, W	D	Oil test. Altitude 1,163.0 feet. See table of water level measurements.
C-24	H. R. Sites	R. E. Gage	1922	313	6	--	--	C, W	D, S	
C-25	Texas-New Mexico Pipeline Co.	E. R. Osborne	1937	331	6	--	--	T, G, 7½	Ind	Supplies pumping station See log.
*C-26	Norco Ranch	--	--	Spring	--	+	June 4, 1952	Flows	S	Fault structure in limestone.
*C-27	-- Nornhouser	-- Paige	1901	220	6	--	--	C, E	D, S	
C-28	Mrs. W. W. Burnett	Walter Burnett	1940	24	7	0.2	June 4, 1952	C, W	S	Dug. In bed of Cottonwood Creek.
*C-29	do.	--	--	62	6	49.1	June 14, 1942	C, E	D	
C-30	Henry Grote	--	--	150	6	a/50	1942	C, W	D, S	
C-31	W. A. Ellinghausen	--	Old	65	--	19.1	June 4, 1952	None	N	Dug.
*C-32	T. J. Burnett	-- Owen	1939	175	8	--	--	C, E	D	
*D-1	Allie Mae Malott	--	--	537	6	90.0	Nov. 21, 1950	C, W	S	
*D-2	Jack Duncan	--	1925	77	6	32.9 32.5	Nov. 2, 1937 Nov. 21, 1950	C, G	D, S	Casing: 21 feet of 6-inch.
D-3	W. I. Kuykendall	John Glass	--	305	6	120.0	Nov. 28, 1950	C, W	S	Original depth 150 feet; deepened to 305 feet in 1947.
D-4	A. A. Elsner	E. A. Bucklin	1930	2,460	10	--	--	--	--	Oil test. See log.
D-5	W. I. Kuykendall	--	Old	200	6	120.4	Nov. 28, 1950	C, H	N	
*D-6	do.	--	1910	200	6	--	--	C, W	D, S	Casing: 20 feet of 6-inch.
D-7	A. A. Elsner	-- Glass	1916	115	6	58.3 58.1	Nov. 17, 1937 Nov. 27, 1950	H	D, S	
*D-8	do.	Tom Robbins	1909	311	6	a/241	1937	C, W	D, S	
D-9	Paul Garnett	-- Hayden	Old	207	8	163.9	Nov. 27, 1950	C, W	D, S	
*D-10	do.	--	1912	168	6	125.2 138.3	Nov. 17, 1937 Nov. 27, 1950	C, W	S	
*D-11	John Cauthen	-- Glass	1907	185	6	6.3	Nov. 27, 1950	C, H	D, S	
D-12	Ludene Dodson	--	1942	79	6	61.3	Dec. 12, 1950	None	N	
D-13	J. V. Bell	--	--	126	6	109.0	Dec. 4, 1950	C, W	D, S	

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
D-14	State of Texas	--	--	Spring	--	+	--	Flows	D	At Camp Ben McCulloch. Estimated flow 10 gpm.
*D-15	Mrs. Chas. Howard	Chas. Hayden	1929	116	7	103.7	Nov. 16, 1937	C, E	D, S	Altitude 1,018.1 feet.
D-16	do.	do.	1926	85	6	58.6 59.7	Nov. 16, 1937 Dec. 7, 1950	None	N	Altitude 975.1 feet.
D-17	J. K. Eichelberger	--	--	120	6	95.2	Mar. 30, 1943	C, W	S	Altitude 1,026.2 feet.
D-18	V. T. Hennig	--	Old	135	6	81.2	Dec. 4, 1950	C, W	S	
D-19	J. E. Watson	Chas. Hayden	1924	113	6	93.7 96.2	Nov. 4, 1937 Dec. 4, 1950	C, W	S	Casing: 20 feet of 6-inch. Altitude 1,019.7 feet.
D-20	E. H. Martin	--	Old	15	60	4.1 13.0	Mar. 21, 1943 Dec. 4, 1950	H	D, S	Dug. Rock curb.
*D-21	do.	Ed Milam	1912	173	7	143.8 136.8	Nov. 2, 1937 Dec. 4, 1950	C, W	D	
D-22	James R. Hall	F. L. Sanson	--	75	--	32.6	Dec. 3, 1952	C, E	D, S	See table of water level measurements.
*D-23	Wiley Roberts	Noah Black	1900	89	6	84.8	do.	C, W	D, S	Casing: 25 feet of 6-inch. Altitude 1,116.5 feet. See table of water level measurements.
D-24	J. W. Champion	Wm. Hayden	1940	120	6	a/70	1940	C, E	D, S	First water reported at 80 feet.
D-25	D. T. Tetley	--	Old	98	6	--	--	None	N	Formerly furnished house. Dry.
D-26	Howard Gilmore	--	--	Spring	--	+	Nov. 29, 1950	Flows	S	Known as "Mountain Spring." Water from contact of clay with underlying porous limestone.
D-27	Clara Pantermuehl	--	Old	200	6	67.2	Nov. 22, 1950	C, E	D, S	
*D-28	Mrs. Pearl Rodgers	J. L. Rodgers	1900	241	6	191.5	Nov. 2, 1937	C, E	D, S	
D-29	do.	--	Old	165	6	150.5	Nov. 22, 1950	None	N	
D-30	Henry Homan	--	--	Spring	--	+	do.	Flows	S	
D-31	W. E. Hatch	--	Old	306	6	--	--	C, W, G	D, S	
D-32	Frank Sanson	--	Old	290	6	137.1	Nov. 29, 1950	C, W	D, S	
D-33	K. C. Whisenant	--	Old	90	6	63.0	do.	C, W	D, S	
D-34	Lloyd David	--	--	Spring	--	+	Jan. 26, 1951	Flows	S	
*D-35	Mrs. K. Michaelis	--	1905	262	6	--	--	C, W, G	N	Casing: 20 feet of 6-inch. Reported to have gone dry in 1948.

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*D-36	T. E. Gillespie	--	--	140	6	142.9	Aug. 2, 1950	C, E	D	Altitude 1,248.3 feet. See table of water level measurements.
*D-37	J. B. Leggett	--	--	Spring	--	+	Nov. 1950	Flows	D, S	Flows into 30-inch concrete pipe set in pit. Known as Bryant Spring.
D-38	D. C. Hall	--	--	Spring	--	+	Nov. 28, 1950	Flows	S	Flows into 3 concrete reservoirs. Known as Pillot Springs. Water from solution channels in limestone ledges.
D-39	J. L. Eichelberger	--	--	120	7	21.7 21.3	Mar. 30, 1943 Dec. 8, 1950	C, H	S	Altitude 920.2 feet.
D-40	Mrs. Viola Whisenant	--	Old	60	6	43.8 42.9	Mar. 29, 1943 Dec. 12, 1950	H	D	Altitude 925.0 feet.
D-41	do.	--	Old	300	6	32.1 58.8	Mar. 29, 1943 Dec. 12, 1950	C, W	D, S	Altitude 927.7 feet.
D-42	L. E. Ray	-- Dobbins	1917	303	6	--	--	C, W	D, S	
*D-43	M. G. Michaelis	--	--	Spring	--	+	Dec. 1950	Flows	S	Flows into concrete tanks. Known as Powderhorn Spring.
*D-44	P. J. Tonkyro	--	--	Spring	--	+	Dec. 1950	Flows	D, S	Flows into 25 gallon reservoir.
*D-45	C. C. Cook	-- Adare	1923	185	6	106.7	Oct. 28, 1937	C, E	D, S	
*D-46	L. R. Calhoun	--	--	132	6	121.1	Nov. 1, 1937	C, E	D, S	
D-47	B. S. Garnett	-- Millard	1908	252	6	174.6 170.0	Oct. 30, 1937 June 4, 1952	C, W	D, S	Casing: 14 feet of 6-inch.
D-48	W. M. Mayfield	A. Williamson	1950	292	8	184.4	Jan. 26, 1951	C, W	S	
*D-49	do.	--	1919	300	6	172.2 172.8	Oct. 28, 1937 Jan. 25, 1951	C, W	D, S	
D-50	Mrs. John Cure	--	Old	215	6	134.7	Jan. 26, 1951	C, W	D, S	
D-51	Harry Davis	-- Owen	Old	700	--	--	--	C, E	D, S	
*D-52	Walter G. Loeffler	--	1922	100	6	51.2 66.3	Oct. 28, 1937 Dec. 12, 1950	C, W	D, S	
D-53	J. J. Blackwell	--	1900	12	36	7.5	Dec. 12, 1950	C, W	D, S	Dug. Rock curb.
*D-54	Joe Cruze	--	--	Spring	--	--	--	--	S	Flowed into earthen tank; stopped flowing in summer of 1950. Flowed from solution channel in limestone.
*D-55	do.	H. Harmon	1900	125	6	74.9 87.3	Apr. 12, 1943 Dec. 12, 1950	C, W	D, S	
D-56	A. B. Vogt	-- Hayden	1930	300	6	--	--	C, G	S	

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*D-57	Joe Stuart	A. Williamson	1942	429	6	174.3 192.7	Mar. 29, 1943 Dec. 12, 1950	C, W	S	Casing: 6 feet of 6-inch. Altitude 1,004.6 feet.
D-58	E. R. Holder	--	Old	119	6	71.5 72.8	Mar. 31, 1943 Dec. 12, 1950	None	N	Reported weak supply. Altitude 991.0 feet.
*D-59	John Whisenant	--	1915	113	6	98.3	Oct. 29, 1937	C, G	D, S	
D-60	Mrs. W. J. Gebhard	--	-- Spring	--	--	+	Jan. 25, 1951	Flows	D, S	Flows into gravity distribution system. Supplies 6 houses. Reported flow, 20 gpm.
D-61	Leon Jaworski	--	-- Spring	--	--	+	do.	Flows	D	Flows into sealed tank, Known as Grapevine Springs.
*D-62	Mrs. H. H. Phillips	--	--	1,011	6	177.4 174.9	Apr. 10, 1939 Dec. 12, 1950	C, W	S	Original depth 615 feet. Deepened to 1,011 feet in 1939. See log.
*D-63	H. Thornton	--	Old	140	6	109.2	Jan. 25, 1951	C, W	D	
D-64	Mrs. W. S. Harris	A. Williamson	1925	104	6	a/40	1951	J, E	D, S	
*D-65	Mrs. M. Roberts	Felix Saunders	1930	151	6	18.1 77.3	Nov. 19, 1937 July 23, 1952	C, W	D, S	Casing: 14 feet of 6-inch.
*D-66	Mrs. Rena Dobie	T. E. Owen	1936	150	6	5.7	Dec. 3, 1953	C, W	D, S	Casing: 8 feet of 6-inch. Altitude 958.7 feet. See table of water level measurements.
*D-67	H. B. Pendleton	--	--	125	6	71.2 95.7	Oct. 28, 1937 Jan. 25, 1951	C, W	D, S	
D-68	do.	--	-- Spring	--	--	+	Jan. 25, 1951	Flows	S	Flows from solution channels in limestone. Known as Green Hole Spring.
D-69	--	--	-- Spring	--	--	+	do.	Flows	N	Head of Cypress Creek. Flows from solution channels in limestone. Known as Jacob's Well. Temp. 68°F.
*D-70	R. A. Byler	R. Paige	1904	332	6	--	--	C, W	D, S	
*D-71	Odessa Ferris	--	--	26	30	23.2 12.9	Oct. 28, 1937 June 10, 1952	None	N	Dug. Rock curb.
D-72	do.	-- Owen	1936	300	9	170.2 184.4	Oct. 28, 1937 June 10, 1952	C, W	S	
*D-73	E. C. James	A. Williamson	1949	350	7	--	--	T, E, 7½	P	Supplies hotel and houses on Eagle Rock Ranch. One of eight wells.
*D-74	do.	do.	1953	350	8	--	--	T, E, 10	P	Do.

Table 1. Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
E-1	A. M. James	..	Old	300	6	136.0	Nov. 27, 1950	None	N	
*E-2	do.	..	Old	154	6	139.9 80.4	Nov. 4, 1937 Mar. 24, 1943	C,G	D,S	Altitude 1,054.7 feet.
E-3	W. P. Smith	Chas. Hayden	..	287	6	78.9 119.3	Nov. 10, 1937 Dec. 4, 1950	C,W	S	Well recovers slowly after pumping. Altitude 1,061.7 feet.
E-4	A. M. James	..	.. Spring	..	..	+	Dec. 4, 1950	Flows	D,S	Flows from contact of gravel with limestone into a sealed concrete tank.
E-5	Ben M. Barker	Chas. Hayden	1930	353	6	..	..	C,G	..	
*E-6	W. P. Webb	John Glass	1948	310	8,6	..	..	T,G	D,S	Supplies Friday Mountain Ranch Boys Camp.
E-7	do.	do.	1948	315	..	..	..	C,E	D,S	Standby well for Friday Mountain Boys Camp.
*E-8	do.	..	.. Spring	..	..	..	..	..	..	Ceased flowing during summer of 1951.
*E-9	Chas. Morton	Chas. Hayden	1931	110	6	60.1 59.3	Nov. 10, 1937 Mar. 26, 1943	J,E	D,S	Altitude 945.0 feet.
E-10	do.	..	Old	86	7	18.0	Mar. 26, 1943	..	..	Well abandoned. Altitude 903.9 feet.
E-11	Stephen Barker	.. Glass	1950	416	7	121	Dec. 1950	C,W	S	Casing: 250 feet of 7-inch. Draw-down reported 19 feet after bailing 30 gpm for 1 hour.
E-12	do.	..	-- Spring	..	..	..	..	None	N	Ceased flowing in 1948. Known as Indian Head Spring.
E-13	do.	..	-- Spring	..	..	+	Dec. 5, 1950	Flows	S	Flows from solution channel in limestone. Reported to fluctuate seasonally. Known as Spanish Oaks Spring.
E-14	do.	..	1928	259	..	..	..	C,W,E	D,S	Reported strong supply.
*E-15	.. Jarvis	..	1890	237	6	64.8 142.6	Nov. 16, 1937 Dec. 7, 1950	C,W	S	
E-16	M. O. Rogers	..	.. Spring	..	..	+	Dec. 7, 1950	Flows	S	Flows from solution cavity in limestone. Reported to fluctuate seasonally.
*E-17	do.	Harvey Harmon	..	110	6	57.8	Aug. 17, 1953	C,W	D,S	Reported strong supply. Altitude 992.5 feet. See table of water level measurements.

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*E-18	John Greenhall	--	--	90	6	35.6 29.8	Mar. 31, 1943 Jan. 9, 1951	C, W	S	Altitude 900.8 feet.
E-19	do.	Felix Saunders	1920	500	6	--	--	C, E	D, S	Casing: 160 feet of 6-inch. Reported strong supply.
*E-20	do.	--	1945	320	6	128.0	Dec. 7, 1950	C, W	S	
E-21	Cecil Ruby	--	--	400	5	166.3	Mar. 5, 1943	C, E	D, S	Altitude 837.8 feet.
E-22	do.	Hugh Glass	1950	245	6	157.4 144.1	Dec. 5, 1950 Sept. 5, 1952	C, W	S	Altitude 805.7 feet.
*E-23	J. E. Tomerlin	--	--	270	6	a/239	1950	J, E	D, S	
*E-24	J. L. Dodgen	T. E. Owen	1937	312	6	276.6	Jan. 9, 1951	C, E	D, S	Altitude 882.4 feet. See table of water level measurements. See log.
*E-25	E. O. Dodgen	Jim Wallace	1917	325	6	--	--	C, W, G	D, S	Casing: 110 feet of 6-inch.
E-26	J. L. Dodgen	J. A. Johnson	1943	280	5	226.4	Mar. 5, 1943	C, E	D, S	Casing: 76 feet of 5-inch. Altitude 825.7 feet.
E-27	Roy Elliott	--	Old	300	7	--	--	C, G	D, S	Reported strong supply.
E-28	J. C. Elliott	-- Johnson	1938	307	8	--	--	C, G	D, S	Casing: 200 feet of 8-inch.
E-29	-- Summerall	--	--	280	6	175.1 182.0	Nov. 8, 1937 Jan. 1, 1951	C, W	S	Altitude 715.3 feet.
E-30	S. T. Cruze	-- Wallace	1910	320	8	218.1 227.5	Nov. 17, 1937 Jan. 9, 1940	C, E	D, S	
E-31	Henry Armbruster	T. E. Owen	1937	248	6	162.9	Oct. 24, 1950	C, E	D, S	Altitude 730.3 feet. See table of water level measurements. See log.
E-32	F. Tompkins	--	Old	100	6	31.0	Oct. 26, 1950	J, E	D	
*E-33	Homer Heep	C. L. Tyler	1943	242	7	105.5	Apr. 13, 1943	C, E	D, S	Casing: 176.5 feet of 7-inch. Altitude 704.1 feet. See log.
E-34	John D. Garrison	--	Old	21	50	19.8	Oct. 25, 1950	J, E	D	Dug.
E-35	Boggs Estate	-- Robinson	--	340	--	--	--	C, E	D, S	
*E-36	J. J. Horton	--	1907	243	5	106.6	Dec. 2, 1953	C, E	D	Casing: 230 feet of 5-inch. Used occasionally. Altitude 707.2 feet. See table of water level measurements.
E-37	J. A. Rogers	Saunders & Glass	1949	345	8, 6	a/150	1949	T, E	P	One of two wells supplying city of Buda. See log.

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*E-38	J. A. Rogers	C. L. Tyler	1940	325	8	122.2 155.8	Apr. 13, 1943 Jan. 2, 1951	T,E	P	Casing: 173 feet of 8-inch. One of two wells supplying city of Buda. Altitude 714.8 feet. See log.
E-39	John Howe	--	--	--	--	157.7 158.9	Nov. 8, 1950 Sept. 5, 1952	C,W	D,S	Altitude 742.6 feet.
*E-40	Wilmont Estate	--	--	500	--	--	--	C,E	D,S	
E-41	P. Ries	--	--	300	6	163.8 167.3	Jan. 2, 1951 Sept. 5, 1952	C,W	D	Altitude 780.1 feet.
E-42	W. G. Burris	--	Old	18	40	13.2	Nov. 9, 1950	H	S	Dug. Stone curb.
*E-43	M. J. H. Ferguson	-- Robinson	1900	231	--	184.3 204.0	Sept. 16, 1937 Mar. 27, 1952	C,W	D,S	Altitude 767.1 feet.
E-44	-- Cullens	--	--	9	30	7.4	Oct. 26, 1950	C,W	S	Dug. Concrete curb.
*E-45	John Butler	--	1898	507	6	157.6	May 1, 1948	J,E	D,S	Altitude 740.4 feet. See table of water level measurements.
E-46	Mrs. Laura B. Negley	C. L. Tyler	1943	508	7	181.0 177.7	Nov. 8, 1950 Sept. 5, 1952	C,W	S	Altitude 755.9 feet. See log.
E-47	do.	do.	1941	430	7	189.7 226.2	Mar. 4, 1943 Nov. 8, 1950	C,W	D,S	Altitude 786.6 feet. See log.
*E-48	do.	do.	1943	400	6	229.3	Dec. 3, 1953	C,W	S	Altitude 827.8 feet. See table of water level measurements. See log.
*E-49	do.	--	Old	414	10	155.2 210.7	June 4, 1943 Nov. 8, 1950	C,W	S	Casing: 5-inch from 254 to 303 feet. Altitude 819.4 feet.
E-50	do.	C. L. Tyler	1945	465	6	213.8 213.8	Nov. 8, 1950 Sept. 5, 1952	C,W	S	Casing: 326 feet of 6-inch. Altitude 800.2 feet. See log.
*E-51	F. W. Miller	do.	1943	314	6	235.6	June 4, 1943	C,E	D,S	Casing: 216 feet of 6-inch. See log.
E-52	M. G. Michaelis	do.	1942	325	5	267.7 287.5	Mar. 30, 1943 Sept. 5, 1952	C,W	S	Casing: 241 feet of 5-inch. Altitude 875.6 feet. See log.
E-53	do.	--	Old	250	--	184.7	Apr. 29, 1940	C,E	D,S	Altitude 823.6 feet.
*E-54	do.	--	1904	250	6	--	--	C,G	D,S	Cased to bottom.
*E-55	Jim Blair	C. L. Tyler	1941	300	6	237.3	Mar. 31, 1943	C,W,E	D,S	Casing: 260 feet of 6-inch. Altitude 936.7 feet. See log.
E-56	do.	--	Old	200	7	153.7 158.2	Mar. 31, 1943 Sept. 5, 1952	C,W	S	Altitude 868.8 feet.

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
E-57	F. W. Zimmerman	C. L. Tyler	1940	348	8	137.2 158.6	Mar. 30, 1943 Dec. 8, 1950	C, W	D, S	Casing: 125 feet of 8-inch. Altitude 1,027.5 feet. See log.
*E-58	do.	--	--	127	8.6	89.8	Dec. 3, 1953	None	N	Altitude 1,010.2 feet. See table of water level measurements.
*E-59	Joe Stuart	--	--	500	6	206.5	Sept. 5, 1952	C, W	D, S	Altitude 963.1 feet. See table of water level measurements.
E-60	Vernon Cox	--	Old	300	6	225.2	Jan. 3, 1951	C, W	S	Altitude 953.6 feet.
E-61	do.	--	--	300	6	215.1	Dec. 8, 1950	C, W	D, S	
*E-62	C. M. Decker	--	--	375	6	--	--	C, W, G	D, S	
*E-63	-- Gregg	--	--	250	8.5	191.7	July 31, 1945	C, E	S	Originally 210 feet deep. Well failed and was deepened to 250 feet in 1941.
*E-64	Ed Montague	C. L. Tyler	1941	128	8.6	63.4 80.3	June 4, 1943 Dec. 8, 1950	C, E	D, S	Casing: 15 feet of 8-inch, 28 feet of perforated 6-inch in bottom. See log.
E-65	Paul J. Grelle	--	--	450	--	232.6	Sept. 5, 1952	C, W	D, S	Altitude 821.6 feet. See table of water level measurements.
*E-66	Mrs. E. Fehlis	--	1912	387	7	--	--	C, G	D, S	
*E-67	Jim Hale Miller	--	--	500	6	156.1	Oct. 2, 1937	C, E	D, S	Casing: 375 feet of 6-inch.
E-68	W. A. Word	-- Glass	1950	486	--	--	--	C, E	D, S	
*E-69	A. L. Schmeltekoft	--	1905	42	35	36.3 15.6	Sept. 15, 1937 Nov. 10, 1950	None	N	Dug. Stone and concrete curb. Not used for 10 years.
*E-70	H. K. Wilbern	-- Owen	1947	450	6	--	--	C, E	D, S	
*E-71	A. D. Dees	--	Old	14	48	8.7	Nov. 9, 1950	C, E	D, S	Dug. Stone curb.
*E-72	F. C. Litterst	--	--	553	8	136.2	Oct. 30, 1953	C, E	D, S	
*E-73	P. R. Rutherford	-- Glass	1952	1,430	7	--	--	T, G	S, Irr	Screened in both upper and lower sands of Travis Peak. Upper sand reported at 1,130 feet.
*E-74	do.	A. Williamson	1949	295	8	--	--	T, E	D, S	
*E-75	Mrs. Ida Hill	-- Owen	1952	526	6	--	--	C, W	S	Casing: 200 feet of 6-inch.
E-76	City of Buda	J. B. Virdell	1954	390	10	a/148	Dec. 1954	T, -	P	Casing: 222 feet of 10-inch. Reported adequate for city supply. See log.



Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
F-1	Herman Heep	C. L. Tyler	1945	301	6	--	--	C.E	D,S	Casing: 205 feet of 6-inch. See log.
F-2	B. L. Guess	--	--	Spring	--	+	Oct. 24, 1950	Flows	N	Small seeps from gravel in bank of draw. Well dug into bank yields water for house.
*F-3	Thomas Yoe	--	--	30	28	26.5	Apr. 24, 1952	None	N	Dug. Brick curb. See table of water level measurements.
F-4	-- Costello	--	--	24	50	12.2	Oct. 23, 1950	H	D	Dug. Brick curb.
F-5	Tom A. Green	-- Wallace	1924	577	8	a/60	1924	C.E	D	Reported strong supply.
*F-6	Herman Heep	--	--	500	6	--	--	None	N	
*F-7	Tom Pate	John Howe	Old	665	5	--	--	C,E	D,S	Casing: 555 feet of 5-inch. Reported highly mineralized water at 550 feet.
*F-8	M. J. Coady	--	Old	19	24	13.3	Oct. 23, 1950	J,E	D,S	Dug. Wood curb.
F-9	R. H. Black	--	Old	20	72	18.6	Oct. 20, 1950	H	S	Dug. Stone and concrete curb.
*F-10	L. S. Coers	C. L. Tyler	1944	650	6	181.6 179.5	Jan. 9, 1951 Sept. 5, 1952	C,W	S	Casing: 562 feet of 6-inch. Altitude 742.4 feet. See log.
F-11	Elmer Satterwhite	--	Old	19	44	15.3	Nov. 6, 1950	C,W	S	Dug. Brick curb.
*F-12	Alvis Satterwhite	--	Old	13	80	11.5	do.	C,E	D	Do.
F-13	E. H. Mayer	--	Old	35	24	20.9	Oct. 20, 1950	None	N	Dug.
F-14	Rudolph Braane	--	1949	17	36	9.9	Oct. 23, 1950	J,E	D,S	Dug. Concrete curb.
*F-15	do.	--	1907	19	30	8.9	Nov. 8, 1937	--	--	Well destroyed in 1950.
F-16	William Schultze	--	--	20	30	6.2	Oct. 23, 1950	J,E	D	Dug. Concrete curb.
F-17	Edgar Mathias	--	Old	14	36	7.5	do.	None	N	Dug. Brick curb.
*F-18	L. Romeros	--	1916	23	41	18.2 17.4	Nov. 8, 1937 Oct. 23, 1950	C,W	D,S	Do.
F-19	Will G. Barber	John H. Foster	1929	616	--	--	--	--	--	Oil test. Caved and abandoned. Z. Hinton Survey 4, well 2. See log.
F-20	do.	do.	1929	804	--	--	--	--	--	Oil test. Caved and abandoned. Z. Hinton Survey 4, well 1. See log.
F-21	do.	do.	1929	665	10	--	--	--	--	Oil test. Caved and abandoned. Z. Hinton Survey 4, well 3. See log.

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*F-22	A. H. Whitten	C. L. Tyler	1942	502	7	a/135	1942	C, E	D, S	Casing: 431 feet of 7-inch. See log.
F-23	--	--	--	15	23	6.6	Oct. 20, 1950	C, H, W	N	Dug.
*G-1	--	--	--	65	6	53.1	Oct. 21, 1937	None	N	
G-2	Mrs. Maud DeVilbis	--	Old	86	--	38.3	June 4, 1952	C, W	D, S	
G-3	do.	--	1939	375	--	--	--	C, W	S	
G-4	A. H. Barnes, Jr.	--	--	225	6	47.4	June 4, 1952	None	N	Well contaminated from cess pool.
*G-5	W. H. Moses	-- Adare	1917	84	6	33.7	Oct. 21, 1937	--	--	Well plugged.
*G-6	--	--	1895	112	6	36.0	Oct. 20, 1937	C, H	D	
*G-7	--	--	1895	200	6	21.3	do.	None	N	
G-8	Mrs. Georgia Clayton	--	1939	264	6	12.3	Mar. 20, 1939	--	--	Well plugged.
*G-9	E. C. James	T. E. Owen	1937	260	6	22.7	Jan. 25, 1951	J, E	D	Water level reported 16.3 feet above land surface datum in October 1937.
*G-10	J. K. Keith	do.	1937	46	6	30.1	Nov. 19, 1937	J, E	D, S	Casing: 28 feet of 6-inch.
*G-11	Mrs. J. W. Pyland	do.	--	215	6	5.1	Nov. 11, 1937	C, W	D, S	Casing: 30 feet of 6-inch. Temp. 70°F.
*G-12	Mrs. N. E. Hughes	--	Old	170	6	--	--	H	D	Casing: 10 feet of 6-inch. Altitude 863.1 feet. Water level measured 8.6 feet above land surface datum on Nov. 11, 1947. See table of water level measurements.
G-13	Curtis Morris	--	--	162	6	--	--	J, E	D	Casing: 22 feet of 6-inch. Altitude 85.09 feet. Water level measured 17.2 feet above land surface datum on Apr. 28, 1938. See table of water level measurements.
*G-14	M. A. Morris	T. E. Owen	1938	185	6	--	--	C, E	D, S	Casing: 26 feet of 6-inch. Water level measured 19.9 feet above land surface datum on Apr. 28, 1938.
*G-15	C. W. Burdett	do.	1939	525	6	11.5	Feb. 14, 1939	J, E	D, S	See log.
*G-16	R. E. New	do.	1939	260	6	0.8	Nov. 8, 1939	J, E	D	
*G-17	W. A. Leath	do.	1936	248	6	24.3	June 10, 1952	C, E	D	Casing: 32 feet of 6-inch. Water level measured 16.1 feet above land surface datum on Oct. 15, 1937. See log.

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
G-18	J. J. Peterson	T. E. Owen	1938	274	6	a/24	1938	None	N	Formerly supplied summer camp.
*G-19	do.	--	--	Spring	--	+	June 10, 1952	Flows	N	
G-20	W. A. Leath	-- Adare	--	104	6	43.2	Oct. 15, 1937	C,W	S	Casing: 40 feet of 6-inch. Altitude 861.6 feet. See table of water level measurements.
G-21	Tom Nance	do.	1903	500	6	176.4	Oct. 19, 1937	None	N	
*G-22	do.	--	--	33	--	26.5	do.	None	N	Dug. Well dry Dec. 15, 1950.
G-23	Charlie Howe	--	--	Spring	--	+	Dec. 15, 1950	Flows	--	Known as "Fern Bank Spring."
*G-24	Morton Ranch	--	1927	400	6	276.6	Apr. 7, 1943	C,W	D,S	
G-25	Dan Nance	-- Adare	1928	311	6	224.1	Oct. 20, 1937	C,G	S	
G-26	Joe Freeman	--	--	275	6	162.8 164.2	Dec. 15, 1950 Mar. 26, 1952	C,W	S	
G-27	Gene Scrutchin	--	1897	315	6	150.9	June 11, 1952	None	N	
*G-28	Dan Nance	A. Newton	1916	280	7	231.9	Oct. 18, 1937	C,W	D,S	Casing: 4 feet of 7-inch.
*G-29	R. R. Williams	--	--	270	6	200.5	Jan. 9, 1940	C,W	D,S	Altitude 1,001.4 feet.
*G-30	do.	--	Old	270	6	--	--	C,W	S	
*G-31	A. Capps	--	--	280	6	35.4	June 11, 1952	C,E	S	Casing: 6 feet of 6-inch.
G-32	R. R. Williams	--	--	300	6	--	--	C,W	D,S	
*G-33	do.	--	--	500	6	--	--	C,W	S	Water reported from 250 to 300 feet.
*G-34	A. Capps	-- Adare	1916	58	6	37.6 35.4	Nov. 13, 1937 June 11, 1952	C,E	D,S	
G-35	Mrs. R. F. Clayton, Sr.	E. Owen	--	129	6	55.0	Mar. 21, 1946	C,E	D	Altitude 1,119.2 feet. See table of water level measurements.
*G-36	H. K. Wilbern	--	1918	100	6	--	--	C,W	D,S	
G-37	C. W. Williamson	-- Paige	1900	60	6	a/40 47.1	Oct. 1937 July 23, 1952	C,H	D,S	Casing: 20 feet of 6-inch.
*G-38	Fred Boyett	--	--	58	6	10.5	Dec. 3, 1953	None	N	Altitude 1,204.4 feet. See table of water level measurements.
*G-39	do.	John Payne	1909	124	6	65.4	July 23, 1952	C,W	D,S	Altitude 1,210.5 feet. See table of water level measurements.
*G-40	E. S. Allen	--	1920	85	6	21.6 19.7	Nov. 13, 1937 July 23, 1952	C,W	D,S	

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*G-41	O. A. Stoepler	-- Adare	--	41	--	12.7	Oct. 15, 1937	C, W	D, S	
G-42	R. R. Williams	do.	--	170	5	162.7	Nov. 13, 1937	None	N	
G-43	Herman Heep	do.	--	300	--	--	--	C, W, G	D, S	
*G-44	M. E. Ruby	A. Williamson	1942	450	6	--	--	C, W, G	D, S	
*G-45	Herman Heep	John Haunz	1900	504	6	--	--	C, W	D	Casing: 20 feet of 6-inch.
*G-46	Rector Williams	E. B. Kutscher	1939	315	6	278.0	Apr. 5, 1943	C, W, G	D, S	Casing: 6 feet of 6-inch. See log.
*G-47	W. N. Allbright	-- Adare	1926	342	--	293.4 297.5	Apr. 6, 1943 Dec. 14, 1950	C, W	S	
G-48	Ed Posey	--	Old	234	--	227.6 224.4	Jan. 4, 1951 Sept. 5, 1952	C, W	S	Altitude 830.9 feet.
G-49	do.	--	Old	420	6	290.3	Sept. 5, 1952	C, W, G	D, S	Reported sulfur odor. Altitude 867.1 feet.
*G-50	J. H. Robinson	A. Newton	1880	300	6	244.5 248.4	Nov. 23, 1937 Jan. 16, 1951	C, W	S	Casing: 50 feet of 6-inch. Altitude 829.5 feet.
G-51	R. Wegner	E. B. Kutscher	1941	381	6	--	--	C, W	D, S	Casing: 6 feet of 6-inch. See log.
*G-52	do.	--	1900	280	6	a/207	1930	C, W	S	Casing: 20 feet of 6-inch.
G-53	J. H. Robinson	E. B. Kutscher	1940	362	6	--	--	C, W, E	D, S	Casing: 9.5 feet of 6-inch. See log.
G-54	Rector Williams	do.	1940	377	7	296.0	Jan. 16, 1951	C, W	D, S	Casing: 5 feet of 7-inch. See log.
*G-55	do.	A. Newton	1914	428	--	332.3	Mar. 10, 1943	C, G	D, S	Altitude 913.8 feet.
*G-56	Mrs. J. T. Taylor	A. Williamson	1951	546	--	a/90	June 1951	C, E	D	
*G-57	H. W. Lennie	do.	1953	534	7	a/150	June 1953	C, E	D, S	Casing: 20 feet of 7-inch.
*G-58	Mose A. Smith	--	--	500	--	a/85	Sept. 1953	C, E	D, S	
H-1	A. H. Morton	-- Owen	--	365	6	222.0	Apr. 7, 1943	C, E	D, S	
*H-2	C. C. Mitchell	-- Owen	1928	436	6	--	--	C, W	D, S	Casing: 46 feet of 6-inch.
H-3	Texas-New Mexico Pipeline Co.	--	1928	500	6	--	--	--	--	Casing: 100 feet of 6-inch. Formerly supplied pumping station.
*H-4	Otto Welge	A. Newton	1908	290	6	274.9	Oct. 12, 1937	C, E	D, S	Casing: 60 feet of 6-inch.
*H-5	E. H. Tarbutton	--	--	148	--	62.8	Oct. 22, 1937	C, G	D, S	

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*H-6	Katie F. Smith	A. B. Roger	1919	125	6	75.4	Dec. 13, 1950	C, W, E	D, S	
H-7	D. W. Glasscock	-- Schmidt	--	131	8	64.0	Nov. 13, 1950	C, E	D	
*H-8	City of Kyle	-- Owen	1950	336	8	--	--	C, E	Irr	Supplies cemetery.
H-9	A. A. Hale	-- Adare	1912	290	5	132.1	Sept. 5, 1952	C, E	D, S	See table of water level measurements.
*H-10	C. C. Houston	--	1887	24	30	15.8 16.5	Oct. 2, 1937 Nov. 13, 1950	C, E	D, S	Dug. Reported to fail in severe drought.
*H-11	do.	C. L. Tyler	1940	324	7	140.1	Sept. 5, 1952	C, W	D, S	Altitude 720.9 feet. See table of water level measurements.
*H-12	H. R. Todd	--	--	23	30	14.8 8.0	Oct. 2, 1937 Nov. 13, 1950	None	N	Dug. Brick curb.
*H-13	do.	A. Tolson	1916	277	6	180.1 a/227	Oct. 2, 1937 1950	C, E	D, S	
*H-14	Hobart Schwab	--	1907	300	--	180.9 193.2	Aug. 1, 1945 Nov. 13, 1950	C, E	D, S	Supplies dairy.
*H-15	Mrs. O. G. Parke, Sr.	--	1907	300	6	205.9	Sept. 5, 1952	C, W, G	D, S	Altitude 776.1 feet. See table of water level measurements.
H-16	Will Lindsey	-- Owen	1946	335	8	204.8 212.3	Dec. 8, 1950 Sept. 5, 1952	C, W	D, S	Altitude 784.3 feet.
H-17	B. Kuhn	--	Old	365	6	123.0	Dec. 8, 1950	C, W	D, S	
*H-18	Roy B. Brooks	C. L. Tyler	1939	385	6	186.6 207.0	July 31, 1945 Oct. 27, 1950	C, W	D, S	See log.
*H-19	City of Kyle	-- Glass	1949	765	8	a/180	Oct. 1949	T, E	P	Casing: 300 feet of 8-inch. Reported yield 176 gpm. Originally 398 feet deep.
H-20	State Highway Department	--	--	--	--	121.4	Dec. 2, 1953	None	N	Altitude 704.2 feet. See table of water level measurements.
*H-21	City of Kyle	O. A. Payte	1938	595	8	--	--	T, E	P	Standby well for city. Original depth 377 feet. See log.
H-22	-- Hill	C. L. Tyler	1939	100	--	--	--	--	--	See log.
*H-23	Nicholas Thiele	-- Adare	1934	372	5	133.5	Dec. 2, 1953	C, E	D, S	Altitude 718.0 feet. See table of water level measurements. See log.
H-24	Dewey Alexander	--	Old	33	54	28.8	Nov. 9, 1950	C, W	D, S	Dug. Stone curb.
*H-25	Ed Cullen	-- Robertson	--	600	10	110.8	Sept. 5, 1952	C, E	D, S	Casing: 100 feet of 10-inch. Altitude 679.8 feet. See table of water level measurements.

Table 1. Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
*H-26	-- Hill	--	--	Spring	--	+	1950	Flows	S	
H-27	Alfred Lippe	--	Old	19	48	14.9	Nov. 9, 1950	C,E	D,S	Dug. Rock curb.
H-28	R. Tapia	--	--	18	36	13.3	Oct. 26, 1950	H	D	Dug. Concrete curb.
H-29	Joe Franke	--	1940	14	50	9.1	do.	C,G	D,S	Dug. Brick curb.
H-30	Geo. Heidenrich	-- Robertson	1931	2,767	--	--	--	--	--	Oil test. Well plugged. See log.
*H-31	W. W. Patterson	--	1890	19	60	13.7	Nov. 10, 1937	--	--	Dug. Well destroyed.
*H-32	Geo. Heidenrich	--	Old	13	96	9.0	Oct. 27, 1950	C,E	D,S	Dug. Concrete curb.
H-33	Emil Ehrlich	--	--	Spring	--	+	Nov. 10, 1950	Flows	S	Known as "Pole Cat Springs."
H-34	Lex Wood	--	Old	13	48	10.3	Nov. 9, 1950	H	D	Dug. Wooden curb.
*H-35	O. R. Patterson	--	--	23	36	22.3 21.6	Sept. 18, 1937 Nov. 9, 1950	C,W	D,S	Dug. Rock curb.
H-36	C. B. Donaldson	C. L. Tyler	1940	530	7	--	--	--	--	Well abandoned. water reported unfit for use. See log.
*H-37	O. G. Parke	-- Hayden	--	512	6	124.3 228.0	Apr. 8, 1943 Sept. 3, 1953	C,W	D,S	
*H-38	Roy Michael	--	--	121	6	79.5 85.1	Sept. 15, 1937 Nov. 14, 1950	C,W	D,S	
H-39	Tom Johnson	--	Old	20	44	18.6	Nov. 9, 1950	C,W	D,S	Dug. Rock curb.
H-40	A. H. Young	--	--	29	70	22.8	do.	C,W	N	Dug.
H-41	J. R. Jones	--	--	19	54	4.5	Nov. 10, 1950	C,W	D,S	Dug. Brick and concrete curb. Supplies 4 houses.
H-42	H. E. Neuse	--	Old	9	36	7.1	do.	C,W	D,S	Dug.
*H-43	E. N. Cason	--	--	121	6	93.8	Dec. 2, 1953	C,G	D,S	Altitude 670.9 feet. See table of water level measurements.
*H-44	D. E. Mitchell	E. B. Kutscher	1947	160	6	a/140	1947	C,E	D,S	
*H-45	Joe Freeman	--	--	249	6	206.6	Oct. 18, 1937	C,W	S	
H-46	do.	A. Williamson	1943	328	6	238.0 264.1	Apr. 5, 1943 Jan. 14, 1951	C,W	S	Altitude 838.6 feet.
*H-47	do.	--	1897	186	6	137.1	Apr. 21, 1952	C,W	S	Altitude 708.7 feet. See table of water level measurements.
H-48	B. Hinton	--	Old	158	6	137.9 138.3	Jan. 4, 1951 Sept. 5, 1952	C,W,E	D,S	Reported strong supply. Altitude 712.3 feet.

Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
H-49	A. F. Kmispel	--	--	--	34	28.2 27.9	Oct. 8, 1937 Nov. 14, 1950	C. G	S. Irr	Dug. Brick curb.
H-50	Louis Woods	Louis Woods	--	141	--	136.0 134.9	Sept. 14, 1937 Mar. 9, 1943	C. W	D. S	
H-51	C. R. Booth	A. Williamson	1944	154	8	84.4	Nov. 13, 1950	None	N	
*H-52	L. B. McClanahan	--	--	33	23	13.0 13.0	Sept. 18, 1937 Nov. 18, 1950	None	N	Dug. Rock curb.
*H-53	J. L. Sawyer	--	--	37	30	36.1 35.6	Sept. 14, 1937 Nov. 10, 1950	H	D	Do.
H-54	--	--	--	43	72	39.5	Nov. 9, 1950	C. E	D. S	Dug.
H-55	L. A. Williams	--	1923	29	72	24.8	do.	C. W	D. S	Dug. Brick curb.
*H-56	Harry Neuse	--	1935	11	52	9.1	Sept. 18, 1937	C. W	D	Dug.
H-57	do.	--	--	33	36	20.9	Nov. 10, 1950	C. E	D	Do.
H-58	A. Mulvihill	W. H. Glass	1947	375	--	--	--	--	--	Well plugged, water reported unfit for use. See log.
*H-59	W. N. Goforth	--	--	Spring	--	+ -	--	Flows	D. S. Ind	Supplies 12 families and cotton oil mill.
H-60	H. W. Hageman	--	1914	77	5	32.3	Apr. 13, 1953	None	N	Altitude 607.3 feet. See table of water level measurements.
H-61	Lina Schwarzlose	--	1930	21	60	15.6 15.4	Sept. 14, 1937 Nov. 13, 1950	None	N	Dug. Rock curb.
*H-62	F. G. Avey	--	1905	42	34	30.5 28.4	Sept. 14, 1937 Nov. 13, 1950	None	N	Dug. Rock and brick curb.
*H-63	H. H. Butz	-- Adare	--	22	72	14.8 20.5	Sept. 14, 1937 June 9, 1952	C. W	D. S	Dug.
H-64	R. D. Kelley	R. D. Kelley	1937	890	10.8	--	--	--	--	Oil test, W. P. Donaldson et al. See log.
*H-65	A. B. Rogers Estate	--	--	Spring	--	+	June 9, 1952	Flows	N	Flows into Spring Lake. Temp. 72°F.
H-66	do.	--	--	Spring	--	+	do.	Flows	N	Known as "San Marcos Springs."
*H-67	City of San Marcos	J. R. Johnson	1941	115	13	--	--	T, E	P	Casing: 77 feet of 13-inch perforated pipe, 32 feet of 10-inch line. See log.
*H-68	do.	Walter Payne	1914	85	8	--	--	T, E	P	Casing: 85 feet of 8-inch.
H-69	Southwest Texas State Teachers College	A. Williamson	1945	120	--	--	--	T, E	P	One of two wells supplying college.

Table 1. Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
H-70	Southwest Texas State Teachers College	--	1925	110	--	--	--	T, E	P	One of two wells supplying college.
H-71	do.	--	Old	90	--	--	--	T	N	Formerly supplied college.
H-72	U. S. Department of the Interior	--	1895	1,495	12	+	1950	Flows	--	Reported yield in 1936, 800 gpm; reported yield in 1950, 300 gpm. See log.
*H-73	Tex Hughson	--	--	282	6	251.9	Mar. 15, 1943	C, G	D, S	Altitude 820.9 feet. See table of water level measurements.
*H-74	City of San Marcos	--	1910	280	5	227.6 226.9	Oct. 5, 1937 Jan. 23, 1940	None	N	Well plugged.
*H-75	E. Brooks	-- Adare	1908	176	6	161.1	Dec. 3, 1953	C, W	D, S	Casing, 80 feet of 6-inch. Altitude 738.8 feet. See table of water level measurements.
*H-76	John Avey	E. B. Kutscher	1941	204	6	189.9	Apr. 6, 1943	C, E	D, S	See log.
H-77	John C. Storts, Jr.	do.	1951	92	12	a/46	1954	T, E	Irr, S	Reported strong supply.
H-78	W. N. Allbright	-- Clayton	1913	360	6	319.6	Oct. 6, 1937	C, E	D, S	
H-79	Joe Freeman	--	Old	300	6	240.2 87.3	Apr. 6, 1943 Jan. 4, 1951	C, W	S	Altitude 821.4 feet.
H-80	McLerran Ranch	--	Old	100	6	85.8	Sept. 5, 1952	C, W	D, S	Altitude 661.5 feet.
H-81	W. L. Bagley	-- Clayton	Old	137	6	124.2	Jan. 4, 1951	C, W	D	Reported strong supply. Altitude 698.7 feet.
*H-82	Mrs. R. L. Jennings	O. A. Payte	1937	560	--	18.6	Oct. 4, 1937	None	N	Oil test. See log.
*H-83	J. A. Clayton	--	--	90	6	71.2 71.4	Sept. 27, 1937 Dec. 14, 1950	C, W	D, S	Altitude 646.4 feet.
*H-84	J. B. Netherland	-- Adare	--	250	6	61.7 61.5	Sept. 29, 1937 Jan. 4, 1951	C, E	D, S	Altitude 637.9 feet.
H-85	City of San Marcos	Virdell Bros.	1954	125	18	a/10	June 1954	T, E, G	P	
*H-86	O. N. Edge	--	--	143	6	102.1 36.6	Sept. 27, 1937 Mar. 9, 1943	--	--	Well plugged. Altitude 632.4 feet.
*H-87	R. G. Fourqurean	--	--	21	30	6.8 9.9	Sept. 27, 1937 Oct. 31, 1950	C, G	D, S	Dug. Rock curb.
H-88	Charles Abel	--	--	27	30	18.0 17.1	Oct. 6, 1937 July 9, 1952	C, W	D	Do.
*H-89	Mrs. Ethel Mercer	--	1930	45	50	--	Nov. 7, 1950	J, E	D, S	Dug. Fails during droughts.
H-90	M. L. Luersen	--	Old	29	45	26.8	Nov. 11, 1950	C, W, E	D, S	Dug. Concrete curb. Reported to fail during droughts.



Table 1.- Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
H-91	Walter Mittendorf	--	1917	34	--	29.8 30.1	Oct. 6, 1937 Nov. 7, 1950	C, G	Irr	Dug. Concrete curb. Irrigates 3 acres. Reported yield 400 gpm.
*H-92	W. R. Henk	--	Old	20	96	13.4	Oct. 30, 1950	C, E	D	Dug. Rock curb.
*H-93	Mrs. Carrie H. Crawford	--	--	36	30	7.2 16.9	Oct. 1, 1937 Nov. 6, 1950	None	N	Dug. Rock curb. Reported to fail during droughts.
H-94	W. P. Donaldson	--	1929	210	6	2.8	Dec. 2, 1953	C, W	N	Casing: 80 feet of 6-inch. Altitude 650.4 feet. See table of water level measurements.
H-95	G. M. Jackson	A. Newton	1910	204	6	119.8	Apr. 13, 1953	C, W	N	Altitude 696.8 feet. See table of water level measurements.
*H-96	-- Fehlis	--	1900	200	6	129.3 151.9	Sept. 27, 1937 Dec. 18, 1950	C, W	D, S	Altitude 705.2 feet.
*H-97	Ruth Jackson	A. Newton	--	21	24	8.1	Sept. 29, 1937	C, W	S	Dug. Rock curb.
H-98	Chas. Fehlis	E. B. Kutscher	1939	565	5	a/90	1939	--	--	Well destroyed. See log.
*H-99	Southwest Texas State Teachers College	--	1917	234	6	157.4 155.8	Sept. 29, 1937 Mar. 10, 1943	C, E	D, S	Supplies experimental farm and dairy. Altitude 733.8 feet.
*H-100	W. C. McCarty	A. C. Newton	--	240	6	--	--	C, E	D, S	Casing: 80 feet of 6-inch.
*H-101	E. B. McCormick	--	--	188	6	156.0 153.3	Sept. 29, 1937 Mar. 10, 1943	C, E	D, S	Altitude 732.6 feet.
*H-102	Herbert Goehring	--	--	131	6	117.1 120.2	Sept. 22, 1937 Mar. 9, 1943	C, E	D, S	Altitude 694.5 feet.
*H-103	R. G. Johnson	E. B. Kutscher	--	229	6	162.2 159.6	Oct. 1, 1937 Mar. 9, 1943	C, W	D, S	Casing: 44 feet of 6-inch. Altitude 750.3 feet.
*H-104	F. G. Lowman	John Aiken	1900	194	8	159.0 156.7	Sept. 27, 1937 Mar. 9, 1943	C, E	D, S	Casing: 150 feet of 8-inch. Altitude 733.2 feet.
H-105	V. C. Gold	--	Old	13	24	11.0	Oct. 26, 1950	J, E	D	Dug. Brick curb.
*J-1	F. W. Homann	--	1925	12	64	3.4 5.2	Nov. 10, 1937 Oct. 26, 1950	None	N	Do.
J-2	J. H. Wanat	--	1948	18	36	11.7	Oct. 26, 1950	H	D, S	Dug. Concrete curb.
J-3	Gus Heideman	--	Old	12	48	0.6	do.	C, E	D, S	Do.
*J-4	A. F. Garbrecht & Sons	--	--	Spring	--	+	do.	Flows	P	Flows into closed reservoir and supplies town of Uhland. Reported flow in 1948, 440 gpm.
*J-5	Fritz Homann	--	--	Spring	--	+	do.	Flows	--	Formerly supplied water for town of Uhland.

Table 1. Records of wells and springs in Hays County--Continued

Well	Owner	Driller	Date completed	Depth of well (ft.)	Diameter of well (in.)	Water level		Method of lift	Use of water	Remarks
						Below land surface datum (ft.)	Date of measurement			
J-6	Fritz Homann	--	Old	23	60	17.8	Oct. 27, 1950	C, W	D, S	Dug. Stone curb.
*J-7	Herbert Seeliger	--	1900	45	30	19.7 25.3	Nov. 10, 1937 Oct. 26, 1950	C, W	D, S	Dug. Brick curb.
J-8	August Schiwitz	--	Old	17	60	12.0	Oct. 26, 1950	C, W	D, S	Dug. Concrete curb.
J-9	do.	--	--	Spring	--	+	do.	Flows	D	Flows into rock reservoir. Reported to supply 5 families.
*J-10	Emil Heidenrich	--	Old	12	60	8.0	Oct. 27, 1950	C, E	D	Dug. Stone curb.
J-11	H. J. Vanderbeck	--	Old	18	60	12.1	do.	C, E	D	Do.
*K-1	W. N. Yates	--	1902	360	--	--	--	C, G	D, S	Reported drawdown 30 feet after pumping 5 gpm for 3 hours.
K-2	August Schulze	E. B. Kutcher	1946	225	8	169.8 171.7	Oct. 30, 1950 Sept. 5, 1952	C, W	D, S	Altitude 757.4 feet.
*K-3	E. L. Williamson	--	1900	16	30	9.3 10.6	Sept. 28, 1937 Oct. 30, 1950	C, W	D, S	Dug. Rock curb.
*K-4	E. B. Kutcher	-- Owen	1898	187	6	144.9 141.9	Sept. 28, 1937 Mar. 9, 1943	C, E	D, S	Altitude 728.5 feet.
*K-5	Ewell Jackson	A. Newton	1913	200	6	185.3	Oct. 1, 1937	C, G	D, S	
K-6	--	--	--	17	70	6.3 8.3	Sept. 28, 1937 Oct. 31, 1950	C, W	S	Dug. Rock curb.
K-7	E. A. Jaster	--	--	27	45	15.0	Oct. 29, 1953	C, E	D, S	Dug. Concrete curb.
*K-8	Gustav Bierstedt	--	1924	10	--	4.9	Nov. 11, 1937	None	N	Dug.
K-9	G. S. Natal	--	Old	26	70	12.3	Oct. 31, 1950	C, G	D, S	Dug. Brick curb.
K-10	Wade Jenkins	--	--	19	90	8.6	do.	C, E	S	Dug. Stone curb.
*K-11	Claude Harris	--	--	16	36	8.6 9.0	Oct. 1, 1937 Oct. 31, 1950	C, W	D, S	Dug. Rock curb.
K-12	--	--	Old	14	60	9.7	Oct. 30, 1950	C, W	N	Dug.
*K-13	David Ramsey	--	1922	19	96	16.9 11.2	Nov. 9, 1937 Oct. 30, 1950	C, W, E	D, S	Dug. Rock curb.
*K-14	Eddie Meyer	--	Old	44	40	30.5	Oct. 30, 1950	C, W	D	Do.
K-15	-- Rieder	--	1938	13	40	11.9	do.	C, W	S	Do.
K-16	Jerome Dietert	--	Old	15	44	8.9	Nov. 6, 1950	C, W	D, S	Do.
*K-17	Reinhold Bading	--	1907	17	30	11.1 10.2	Nov. 9, 1937 Oct. 30, 1950	H	S	Do.

a/ Reported by owner or driller.  
\* For chemical analyses, see table 4.

Table 2.- Drillers' logs of wells in Hays County, Tex.

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well C-25					
Owner: Texas-New Mexico Pipeline Co. Driller: E. R. Osborne.					
Chalk .....	5	5	Limestone, gray .....	14	260
Limestone, gray .....	5	10	Limestone, blue .....	12	272
Shale, blue .....	50	60	Shale, brown .....	10	282
Shale, gray .....	10	70	Shale, red .....	3	285
Limestone, yellow .....	25	95	Cavity .....	3	288
Limestone, white .....	50	145	Limestone, gray .....	24	312
Limestone, gray .....	75	220	Limestone, yellow, water .....	13	325
Limestone, yellow .....	26	246	Limestone .....	6	331
Well D-4					
Owner: A. A. Elsner. Driller: E. A. Bucklin.					
Topsoil .....	17	17	Lime, brown .....	29	520
Lime, gray .....	33	50	Shale, red .....	18	538
Shale, gray .....	10	60	Sand, red .....	7	545
Lime, white .....	22	82	Sand, white .....	18	563
Sand, water .....	18	100	Shale, red .....	3	566
Lime, white ..	110	210	Lime, gray .....	34	600
Gravel .....	21	231	Lime, white ..	10	610
Lime, white .....	29	260	Sand, water .....	12	622
Shale, gray .....	5	265	Lime, gray .....	23	645
Lime, gray .....	15	280	Lime, mixed .....	10	655
Lime, sandy .....	20	300	Lime, black .....	5	660
Shale, gray .....	10	310	Lime, gray .....	65	725
Sand, gray .....	32	342	Shale, sandy .....	45	770
Shale, gray .....	48	390	Red beds .....	5	775
Slate, blue .....	20	410	Shale, green .....	20	795
Shale, sandy .....	48	458	Shale, brown .....	25	820
Shale, green .....	8	466	Shale, gray .....	50	870
Sand, red .....	3	469	Shale, black .....	45	915
Sand, white .....	7	476	Shale, gray .....	55	970
Lime, white .....	10	486	Shale, black .....	1,490	2,460
Shale, mixed .....	5	491			
Well D-62					
Owner: Mrs. H. H. Phillips.					
No record .....	615	615	Limestone, hard gray .....	3	928
Lime, alternating soft, and dobie with shell breaks .....	150	765	Limestone, brown .....	24	952
Lime, coarse .....	110	875	Limestone, soft black .....	8	960
Lime and fossils .....	20	895	Sand .....	35	995
Shale, sandy blue .....	20	915	Shale, blue .....	16	1,011

Table 2.- Drillers' logs of wells in Hays County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well E-24							
Owner: J. L. Dodgen. Driller: T. E. Owen							
Caliche .....	5	5	Lime, white .....	32	94		
Clay, yellow .....	15	20	Lime .....	188	282		
Shale, blue .....	45	62	Sand, water .....	30	312		
Well E-31							
Owner: Henry Armbuster. Driller: T. E. Owen							
Lime .....	32	32	Lime .....	163	248		
Clay, blue .....	53	85					
Well E-33							
Owner: Homer Heep. Driller: C. L. Tyler.							
Soil, black .....	1	1	Shale .....	34	87		
Clay and gravel .....	8	9	Limestone .....	31	118		
Clay, yellow .....	16	25	Clay .....	57	175		
Shale, blue .....	6	31	Limestone .....	67	242		
Chalk .....	22	53					
Well E-37							
Owner: J. A. Rogers. Driller: Saunders & Glass.							
Surface .....	4	4	Limestone .....	35	98		
Gravel .....	10	14	No record .....	57	155		
Chalk .....	24	38	Limestone, dark blue, water-				
Shale .....	25	63	bearing .....	190	345		
Well E-38							
Owner: J. A. Rogers. Driller: C. L. Tyler.							
Surface .....	4	4	Limestone .....	30	115		
Clay and gravel .....	9	13	Clay .....	56	171		
Chalk .....	30	43	Limestone .....	154	325		
Shale .....	42	85					

Table 2.- Drillers' logs of wells in Hays County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well E-46					
Owner: Mrs. Laura B. Negley. Driller: C. L. Tyler.					
Surface .....	4	4	Limestone .....	42	351
Clay, yellow joint .....	50	54	Clay .....	58	409
Shale, blue .....	7	61	Limestone .....	99	508
Chalk .....	217	278			
Shale, black .....	31	309			
Well E-47					
Owner: Mrs. Laura B. Negley. Driller: C. L. Tyler.					
Surface .....	2	2	Limestone .....	44	289
Marl .....	23	25	Clay .....	52	341
Chalk .....	187	212	Limestone .....	89	430
Shale .4.....	33	245			
Well E-48					
Owner: Mrs. Laura B. Negley. Driller: C. L. Tyler.					
Chalk .....	115	115	Clay .....	50	237
Shale .....	26	141	Limestone .....	163	400
Limestone .....	46	187			
Well E-50					
Owner: Mrs. Laura B. Negley. Driller: C. L. Tyler.					
Soil .....	3	3	Limestone s.p.....	44	278
Marl ... ..	26	29	Clay .....	51	329
Chalk .....	172	201	Limestone .....	136	465
Shale .....	33	234			
Well E-51					
Owner: F. W. Miller. Driller: C. L. Tyler.					
Soil .....	1	1	Limestone .....	41	161
Shale, hard white .....	41	42	Clay .....	55	216
Chalk .....	33	75	Limestone .....	98	314
Shale .....	45	120			

Table 2.- Drillers' logs of wells in Hays County--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well E-52, partial log					
Owner: M. G. Michealis. Driller: C. L. Tyler.					
Surface .....	2	2	Clay, yellow, cavity .....	3	70
Dobie .....	17	19	Shale, black .....	17	87
Clay, yellow .....	21	40	Limestone, light yellow .....	6	93
Limestone, hard yellow .....	3	43	Total depth .....		325
Shale, black .....	24	67			
Well E-55					
Owner: Jim Blair. Driller: C. L. Tyler.					
Surface .....	3	3	Clay .....	10	25
Clay, red. and gravel .....	7	10	No record .....	275	300
Limestone .....	5	15			
Well E-57					
Owner: F. W. Zimmerman. Driller: C. L. Tyler.					
Soil .....	1	1	Clay, yellow and lime shells .....	61	93
Clay, yellow .....	9	10	Lime, soft pale blue .....	157	250
Lime, blue .....	10	20	Strata, hard, some sand little		
Shale, blue .....	10	30	water .....	25	275
Lime, gray .....	2	32	Strata, hard, water sand at 335 feet	73	348
Well E-64					
Owner: Ed Montague. Driller: C. L. Tyler.					
Surface .....	2	2	Chalk .....	92	107
Marl .....	13	15	Limestone .....	21	128
Well E-76					
Owner: City of Buda. Driller: J. B. Virdell.					
Topsoil and gravel .....	20	20	Mud, blue .....	55	160
Chalk rock .....	25	45	Limestone (Georgetown) .....	57	217
Shale, hard, blue .....	19	64	Limestone (Edwards) .....	173	390
Chalk rock .....	41	105			

Table 2.- Drillers' logs of wells in Hays County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well F-1							
Owner: Herman Heep. Driller: C. L. Tyler.							
Soil .....	3	3	Limestone .....	28	152		
Clay, red, and gravel .....	35	38	Clay .....	50	202		
Chalk .....	56	94	Limestone .....	99	301		
Shale .....	30	124					
Well F-10							
Owner: L. C. Coers. Driller: C. L. Tyler.							
Soil .....	2	2	Shale, black .....	32	459		
Clay, yellow .....	24	26	Limestone .....	44	503		
Shale, blue .....	170	196	Clay .....	59	562		
Marl and blue shale .....	35	231	Limestone .....	88	650		
Chalk .....	196	427					
Well F-19							
Owner: Will G. Barber. Driller: John H. Foster.							
Clay .....	20	20	Lime .....	53	481		
Shale .....	220	240	Clay .....	30	511		
Marl .....	50	290	Lime .....	59	570		
Chalk .....	118	408	Clay .....	42	612		
Shale .....	20	428	Lime .....	4	616		
Well F-20							
Owner: Will G. Barber. Driller: John H. Foster.							
Clay .....	10	10	Shale .....	20	510		
Shale .....	190	200	Lime .....	47	557		
Marl .....	26	226	Clay .....	53	610		
Chalk .....	264	490	Lime .....	194	804		
Well F-21							
Owner: Will G. Barber. Driller: John H. Foster.							
Clay .....	18	18	Shale .....	17	497		
Clay, hard packed .....	20	38	Lime .....	48	545		
Shale, hard packed .....	211	249	Clay .....	49	594		
Marl .....	14	263	Lime .....	55	649		
Chalk .....	217	480	Lime, white .....	16	665		

Table 2.- Drillers' logs of wells in Hays County--Continued

Thickness (feet)		Depth (feet)			Thickness (feet)	Depth (feet)
Well F-22						
Owner: A. H. Whitten. Driller: C. L. Tyler.						
Soil, black .....	3	3	Limestone .....	40	368	
Clay, yellow .....	40	43	Clay .....	62	430	
Chalk .....	255	298	Limestone .....	72	502	
Shale .....	30	328				
Well G-15						
Owner: C. W. Burdett. Driller: T. E. Owen.						
Gravel, terrace .....	17	17	Limestone, sandy .....	60	277	
Limestone, blue .....	40	57	Limestone, soft white, fine			
Limestone, white .....	30	87	sandy .....	30	307	
Limestone, blue .....	50	137	Limestone, gray, sandy .....	67	374	
Limestone, yellow .....	20	157	No record .....	51	425	
Limestone, blue .....	30	187	Dolomite, brown .....	37	462	
Limestone and limestone pebbles .....	30	217	Shale, bluish-green .....	56	518	
			Limestone, white .....	7	525	
Well G-17						
Owner: W. A. Leath. Driller: T. E. Owen.						
Lime, white .....	240	240	Sand, hard-packed, white .....	8	248	
Well G-46						
Owner: Rector Williams. Driller: E. B. Kutscher.						
Dirt, red, and boulders .....	85	85	Rock, yellow, seep of water ...	3	214	
Clay, red and rock in layers .....	22	107	Clay, yellow .....	21	235	
Rock, hard, honeycombed .....	9	116	Rock, red, and clay .....	3	238	
Cave .....	4	120	Rock, yellow, water .....	52	290	
Caving material .....	28	148	Rock, yellow and blue .....	10	300	
Boulders .....	30	178	Sand, water .....	7	307	
Rock, loose, white .....	7	185	Sand and rock .....	8	315	
Rock, blue .....	26	211				



Table 2.- Drillers' logs of wells in Hays County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well G-51							
Owner: R. Wegner. Driller: E. B. Kutscher.							
Boulders .....	46	46	Rock, gray .....	28	199		
Rock, adobe .....	18	64	Rock, yellow .....	71	270		
Rock, softer .....	5	69	Rock, gray .....	2	272		
Rock, white crystalline ..	6	75	Rock, blue spotted .....	13	285		
Rock, dark red .....	20	95	Rock, blue .....	5	290		
Rock, honeycombed .....	9	104	Rock, gray .....	5	295		
Rock, brownish-red .....	6	110	Rock, yellow .....	15	310		
Rock, coarse pieces .....	14	124	Rock, gray mixed .....	25	335		
Rock, red .....	14	138	Rock, blue .....	26	361		
Rock, light red .....	16	154	Sand, gray, water .....	3	364		
Rock, white .....	6	160	Rock, blue .....	11	375		
Rock, blue .....	11	171	Rock, light blue .....	6	381		
Well G-53							
Owner: J. H. Robinson. Driller: E. B. Kutscher.							
Surface .....	10	10	Rock, yellow, honeycombed .....	80	250		
Boulders .....	10	20	Rock .....	34	284		
Clay, red, and boulders .....	80	100	Rock, yellow .....	41	325		
Rock, hard .....	12	112	Rock, yellow and blue .....	10	335		
Rock, cement .....	58	170	Rock, soft, dark blue .....	17	352		
(Small cave at 170 feet)			Sand, gray, water .....	10	362		
Well G-54							
Owner: Rector Williams. Driller: E. B. Kutscher.							
Boulders, small cave .....	20	20	Rock, yellow .....	3	163		
Boulders .....	22	42	Rock, pink .....	12	175		
Clay, yellow .....	3	45	Rock, red .....	23	198		
Rock, light red .....	10	55	Rock, white flinty .....	37	235		
Rock, pink .....	5	60	Rock, yellow .....	15	250		
Rock, white .....	15	75	Rock, blue .....	75	325		
Rock, hard, white .....	21	96	Rock, gray, cave at 360 feet,				
Rock, hard in layers .....	20	116	water at 369 feet .....	44	369		
Rock, white .....	44	160	Rock, sandy, gray .....	8	377		

Table 2.- Drillers' logs of wells in Hays County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well H-18							
Owner: Roy B. Brooks. Driller: C. L. Tyler.							
Marl, hard .....	3	3	Limestone, very hard, gray .....	13	247		
Chalk .....	163	166	Lime, soft blue .....	4	251		
Shale .....	31	197	Clay .....	49	300		
Limestone .....	37	234	Limestone .....	85	385		
Well H-21							
Owner: City of Kyle. Driller: O. A. Payte.							
Surface .....	5	5	Clay .....	52	310		
Marl, hard .....	13	18	Limestone .....	150	460		
Caprock, hard .....	4	22	Limestone, alternate strata flint, cobble and porous limestone, water-bearing .....	66	526		
Chalk .....	160	182	Limestone .....	69	595		
Shale .....	32	214					
Limestone .....	44	258					
(Dry crevice at 227 feet)							
Well H-22							
Owner: -- Hill. Driller: C. L. Tyler.							
Soil, black .....	3	3	Marl, hard .....	21	56		
Clay, yellow .....	32	35	Chalk .....	44	100		
Well H-23							
Owner: Nicholas Thiele. Driller: -- Adare.							
Lime, white .....	290	290	Lime, gray; water from 368 to 372 feet .....	32	372		
Clay, blue .....	50	340					
Well H-30							
Owner: Geo. Heidenrich. Driller: -- Robertson.							
Topsoil .....	20	20	Rock .....	116	1,242		
Clay .....	241	261	Limestone .....	673	1,915		
Chalk .....	226	487	Shale, sticky .....	16	1,931		
Shale .....	30	517	Shale, sticky and hard limestone	46	1,977		
Limestone .....	57	574	Limestone, hard .....	38	2,015		
Clay .....	36	610	Limestone, sandy and shale .....	194	2,209		
Limestone .....	45	655	Shale, sticky .....	52	2,261		
Caliche .....	2	657	Sand .....	39	2,300		
Limestone .....	469	1,126	Shale, sticky blue .....	5	2,305		

(Continued on next page)

Table 2.- Drillers' logs of wells in Hays County--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well H-30--Continued					
Shale .....	5	2,310	Sand .....	149	2,597
Limestone, sandy .....	5	2,315	Shale, red .....	13	2,610
Limestone, hard .....	20	2,335	Rock, hard .....	6	2,616
Shale and limestone .....	20	2,355	Rock .....	46	2,662
Shale, gummy .....	21	2,376	Sand .....	15	2,677
Limestone and shale .....	72	2,448	Shale .....	90	2,767
Well H-36					
Owner: C. B. Donaldson. Driller: C. L. Tyler.					
Soil .....	2	2	Limestone, sulfur water .....	45	457
Gravel .....	17	19	Clay .....	50	507
Shale, blue .....	150	169	Limestone .....	23	530
Chalk .....	213	382	Limestone, sulfur water .....		530
Shale .....	30	412			
Well H-58					
Owner: A. Mulvihill. Driller: W. H. Glass.					
Gravel .....	12	12	Shale .....	23	218
Clay, yellow .....	15	27	Limestone .....	41	259
Clay, blue .....	5	32	Clay .....	76	335
Chalk .....	163	195	Limestone .....	40	375
Well H-64					
Owner: R. D. Kelley. Driller: R. D. Kelley.					
Soil, black .....	2	2	Shale, blue .....	1	718
Gravel, caliche .....	14	16	Lime, hard crystallized .....	3	721
Clay, yellow .....	31	47	Lime, hard .....	17	738
Clay, blue sticky .....	43	90	Sand .....	2	740
Clay, blue sandy .....	160	250	Lime and flint .....	4	744
Clay, light blue .....	25	275	Sand, tight .....	2	746
Sand and pyrite .....	55	330	Lime and flint .....	4	750
Marl .....	25	355	Sand .....	5	755
Chalk, hard .....	175	530	Lime and flint .....	10	765
Serpentine .....	1	531	Lime, hard .....	5	770
Lime, sandy .....	4	535	Lime, hard, flint .....	25	795
Chalk, sandy .....	20	555	Lime, sandy .....	20	815
Shale .....	27	582	Lime, hard .....	10	825
Lime, sandy .....	48	630	Lime, sandy .....	6	831
Clay, sticky, full of shells .....	50	680	Clay, white .....	18	849
Lime, soft sandy .....	35	715	Lime and shale .....	16	865
Lime, hard .....	2	717	Lime, porous .....	25	890

Table 2.- Drillers' logs of wells in Hays County--Continued

Thickness (feet)		Depth (feet)		Thickness (feet)		Depth (feet)	
Well H-67							
Owner: City of San Marcos. Driller: J. R. Johnson							
Cellar .....	16	16	Limestone, solid .....	33	90		
Clay, yellow with blue strata .....	20	36	Boulders, flint .....	6	96		
Limestone, yellow .....	18	54	Limestone, yellow honeycombed,				
Limestone, broken, very porous .....	3	57	very porous .....	19	115		
Well H-72							
Owner: United States Department of the Interior.							
Soil .....	3	3	Lime, hard (sulfur) .....	21	595		
Clay, red .....	15	18	Lime, soft (sulfur) .....	30	625		
Lime, soft .....	8	26	Shale, blue .....	27	652		
Gravel, lime .....	4	30	Lime, sulfur .....	49	701		
Clay, blue .....	68	98	Lime, hard, white .....	29	730		
Lime, gray .....	30	128	Clay, white .....	5	735		
Cavern, water .....	2	130	Lime, hard, white .....	25	760		
Lime, white .....	52	182	Lime .....	5	765		
Lime, yellow (crystallized) .....	8	190	Lime, white .....	34	799		
Cavern, water .....	5	195	Lime, hard, blue .....	11	810		
Rock, volcanic .....	4	199	Lime, soft, white .....	198	1,008		
Shale, hard, blue .....	24	223	Lime, gray .....	104	1,112		
Flint, black .....	6	229	Shale, blue .....	7	1,119		
Lime, soft, white .....	97	326	Lime, gray, water .....	59	1,178		
Lime, hard, white .....	57	383	Lime, light yellow .....	113	1,291		
Lime, gray .....	27	410	Sand, coarse, gray .....	54	1,345		
Lime, rotten .....	25	435	Lime, hard, white .....	5	1,350		
Lime, hard, gray .....	51	486	Lime, hard, gray .....	55	1,405		
Shale, blue .....	5	491	Sand, hard, black .....	8	1,413		
Lime, soft, white .....	42	533	Lime, gray, sandy, fine .....	62	1,475		
Lime, hard, gray .....	41	574	Clay, blue .....	20	1,495		
Well H-76							
Owner: John Avey. Driller: E. B. Kutscher.							
Boulders .....	20	20	Rock, hard .....	4	190		
Rock, cement cave at 130 feet .....	110	130	Sand .....	6	196		
Rock, honeycombed .....	56	186	Rock .....	8	204		

Table 2.- Drillers' logs of wells in Hays County--Continued

		Thickness (feet)	Depth (feet)			Thickness (feet)	Depth (feet)
Well H-82							
Owner: Mrs. R. L. Jennings. Driller: O. A. Payte.							
Marl .....	40	40	Clay .....	55	335		
Chalk, white .....	160	200	Lime .....	35	370		
Shale .....	30	230	Lime, white .....	120	490		
Lime .....	50	280	Lime, gray .....	70	560		
Well H-98							
Owner: Chas. Fehlis. Driller: E. B. Kutscher.							
Surface material and yellow clay, water at 45 feet .....	60	60	Limestone .....	55	490		
Marl .....	172	232	Clay .....	40	530		
Chalk .....	173	405	Limestone .....	35	565		
Shale .....	30	435					

Table 3.- Water levels in wells in Hays County, Tex.  
(In feet below land-surface datum)

Date	Water level	Date	Water level	Date	Water level
Well B-43					
Owner: Clarence Southwell.					
Nov. 17, 1937	128.0	July 1, 1939	129.7	Jan. 30, 1941	92.4
Mar. 1, 1938	96.6	Oct. 4	133.3	Mar. 27	79.3
June 22	103.9	Dec. 20	133.4	May 29	82.3
Sept. 29	126.1	Mar. 27, 1940	132.9	Aug. 6	103.1
Jan. 26, 1939	129.1	June 25	132.1		
Mar. 1	129.3	Sept. 23	131.4		
Well B-46					
Owner: Albert Garcia.					
Sept. 7, 1937	63.59	Feb. 28, 1940	64.93	Dec. 19, 1944	57.85
Dec. 10	63.11	May 6	62.29	May 24, 1945	56.28
Jan. 25, 1938	49.71	May 28	62.17	Mar. 29, 1946	52.88
Mar. 1	54.96	June 25	62.06	Aug. 5, 1948	64.83
Mar. 31	56.24	July 29	58.32	Feb. 8, 1949	64.76
May 20	55.96	Sept. 23	62.37	Apr. 18	61.56
June 22	58.39	Oct. 28	62.93	Aug. 23	63.45
July 21	60.91	Dec. 6	63.30	Nov. 30	62.90
Aug. 30	62.70	Jan. 30, 1941	54.05	Apr. 11, 1950	60.56
Sept. 27	62.90	Mar. 27	48.49	Aug. 2	62.17
Nov. 5	63.88	May 29	53.06	Dec. 7	64.10
Dec. 12	65.00	Aug. 6	58.46	Apr. 4, 1951	62.42
Jan. 26, 1939	64.71	Nov. 19	61.11	Aug. 7	62.91
Mar. 1	64.48	Apr. 2, 1942	62.05	Dec. 5	63.47
Mar. 29	64.92	Aug. 3	62.45	Apr. 16, 1952	63.16
Apr. 28	65.47	Dec. 7	58.81	Aug. 8	62.58
May 24	65.75	Apr. 15, 1943	61.48	Apr. 14, 1953	61.88
July 1	68.99	Sept. 12	63.30	Aug. 18	62.77
Oct. 4	66.95	Dec. 18	63.63	Dec. 3	59.82
Dec. 20	66.12	May 1, 1944	56.34		
Jan. 24, 1940	65.14	Aug. 25	63.27		
Well B-47					
Owner: Alber Garcia.					
Sept. 7, 1937	7.76	May 20, 1938	6.59	Nov. 5, 1938	19.50
Dec. 10	9.13	June 22	6.88	Dec. 12	26.60
Jan. 25, 1938	4.94	July 21	8.79	Jan. 26, 1939	28.55
Mar. 1	6.33	Aug. 30	17.52	Mar. 1	30.28
Mar. 31	7.06	Sept. 27	21.82	Mar. 29	30.30

(Continued on next page)

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well B-47--Continued					
Apr. 28, 1939	30.37	Dec. 6, 1940	33.48	May 24, 1945	6.53
May 24	30.30	Jan. 30, 1941	6.52	Mar. 29, 1946	5.25
July 11	30.37	Mar. 27	5.76	Aug. 5, 1948	37.40
Oct. 4	33.06	May 29	6.66	Feb. 8, 1949	36.70
Dec. 20	34.12	Aug. 6	14.39	Apr. 18	37.31
Jan. 24, 1940	34.12	Nov. 19	31.86	Aug. 23	37.32
Feb. 28	34.12	Apr. 2, 1942	34.70	Nov. 30	37.18
Mar. 27	34.18	Aug. 3	38.61	Apr. 11, 1950	37.07
May 6	34.13	Dec. 7	38.26	Aug. 2	36.45
May 28	34.15	Apr. 15, 1943	38.01	Dec. 7	37.71
June 25	34.12	Sept. 12	38.28	Apr. 4, 1951	36.90
July 29	33.87	Dec. 18	38.29	Aug. 7	36.09
Aug. 29	33.89	May 1, 1944	25.73	Dec. 5	36.01
Sept. 23	33.82	Aug. 23	25.51	Apr. 13, 1952	35.89
Oct. 28	33.89	Dec. 19	25.28	Dec. 3, 1953	36.50
Well B-58					
Owner: Glynn C. Key.					
Sept. 4, 1937	36.56	Feb. 28, 1940	37.62	May 1, 1944	35.03
Dec. 10	36.72	Mar. 27	37.55	Aug. 25	35.06
Jan. 25, 1938	36.35	May 6	38.04	Dec. 19	36.28
Mar. 1	35.59	May 28	37.72	May 24, 1945	34.93
Mar. 31	35.35	June 25	37.60	Mar. 29, 1946	34.86
May 21	34.63	July 29	36.80	Aug. 5, 1948	37.73
June 22	37.64	Aug. 29	36.69	Feb. 8, 1949	37.74
July 21	38.96	Sept. 23	36.74	Aug. 23	37.60
Aug. 31	37.45	Oct. 28	36.83	Nov. 11	37.92
Sept. 27	37.16	Dec. 6	36.02	Apr. 11, 1950	37.83
Nov. 5	35.71	Jan. 30, 1941	35.48	Aug. 2	36.22
Dec. 12	36.02	Mar. 27	34.88	Dec. 7	37.36
Jan. 26, 1939	37.27	May 29	34.65	Apr. 4, 1951	37.59
Mar. 1	37.12	Aug. 6	35.96	Aug. 7	39.63
Mar. 29	37.22	Nov. 19	35.50	Dec. 5	37.68
Apr. 28	37.22	Apr. 2, 1942	36.49	Apr. 18, 1952	37.85
May 24	37.20	Aug. 3	36.21	Aug. 8	37.44
July 1	37.35	Dec. 7	35.42	Apr. 14, 1953	36.71
Oct. 4	37.56	Apr. 15, 1943	35.62	Aug. 18	37.59
Dec. 20	37.48	Sept. 12	36.12	Dec. 3	36.04
Jan. 24, 1940	39.47	Dec. 18	36.72		

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well B-59					
Owner: Glynn C. Key.					
Sept. 4, 1937	65.78	Feb. 28, 1940	75.46	May 1, 1944	59.40
Dec. 10	68.38	Mar. 27	75.11	Aug. 25	55.43
Jan. 25, 1938	59.66	May 6	75.77	Dec. 19	61.33
Mar. 1	56.71	May 28	76.26	May 24, 1945	51.08
Mar. 31	62.52	June 25	74.61	Mar. 29, 1946	47.62
May 21	53.26	July 29	65.57	Aug. 5, 1948	71.97
June 22	59.27	Aug. 29	70.24	Feb. 8, 1949	72.97
July 21	62.03	Sept. 23	69.35	Apr. 18	72.12
Aug. 31	61.09	Oct. 28	69.84	Aug. 23	70.52
Sept. 27	65.79	Dec. 6	64.53	Nov. 30	73.45
Nov. 5	69.59	Jan. 30, 1941	62.77	Apr. 11, 1950	70.93
Dec. 12	70.62	Mar. 27	46.94	Aug. 2	70.08
Jan. 26, 1939	72.28	May 29	46.29	Dec. 7	69.61
Mar. 1	73.70	Aug. 6	56.79	Apr. 4, 1951	72.46
Mar. 29	73.72	Nov. 19	58.68	Aug. 7	72.73
Apr. 28	73.24	Apr. 2, 1942	67.74	Dec. 5	72.59
May 24	73.46	Aug. 3	67.09	Apr. 18, 1952	72.10
July 1	74.33	Dec. 7	61.95	Aug. 8	70.40
Oct. 4	75.06	Apr. 15, 1943	64.43	Apr. 14, 1953	64.64
Dec. 20	75.95	Sept. 12	63.38	Aug. 18	71.34
Jan. 24, 1940	73.04	Dec. 18	65.70	Dec. 3	55.24



Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well C-21					
Owner: George Rust.					
Nov. 15, 1937	94.65	Aug. 29, 1940	99.53	Mar. 21, 1946	74.56
Dec. 13	95.95	Sept. 23	99.76	Aug. 5, 1948	99.79
Jan. 20, 1938	75.1	Oct. 28	99.92	Feb. 8, 1949	103.16
Mar. 1	91.41	Dec. 6	99.71	Apr. 18	98.89
Mar. 31	92.42	Jan. 30, 1941	99.05	Aug. 23	99.33
Apr. 28	73.4	Mar. 27	81.2	Nov. 30	100.17
July 21	90.44	May 29	89.9	Apr. 11, 1950	101.50
Aug. 30	91.35	Aug. 6	87.69	Aug. 2	100.92
Dec. 12	94.28	Nov. 19	91.25	Dec. 6	100.22
Jan. 25, 1939	95.27	Apr. 2, 1942	94.74	Apr. 4, 1951	108.85
May 24	92.18	Aug. 3	96.84	Aug. 9	112.29
Oct. 4	98.23	Dec. 7	97.44	Dec. 5	102.79
Jan. 24, 1940	100.85	Apr. 15, 1943	96.2	Apr. 18, 1952	105.08
Feb. 28	98.88	Sept. 11	96.60	Aug. 8	109.85
Mar. 27	98.96	Dec. 18	97.20	Apr. 13, 1953	102.37
Apr. 30	99.23	May 1, 1944	93.73	Aug. 18	102.03
May 28	99.38	Aug. 25	92.17	Dec. 3	96.95
June 25	99.55	Dec. 19	93.41		
July 29	99.50	May 24, 1945	88.23		
Well C-22					
Owner: George Rust.					
Nov. 15, 1937	272.34	June 25, 1940	275.02	Dec. 18, 1943	275.53
Dec. 13	272.67	July 29	275.01	May 1, 1944	273.56
Jan. 26, 1938	235.02	Aug. 29	275.12	Aug. 25	274.46
Mar. 31	269.39	Sept. 23	275.23	Dec. 19	275.09
Apr. 28	270.5	Oct. 28	275.34	May 24, 1945	273.89
May 20	271.21	Dec. 6	275.38	Mar. 21, 1946	219.52
Mar. 1, 1939	273.70	Jan. 30, 1941	274.80	Aug. 5, 1948	276.08
Mar. 29	273.98	Mar. 27	269.17	Feb. 8, 1949	276.53
May 24	274.00	May 29	255.02	Apr. 18	276.29
Oct. 4	274.80	Aug. 6	271.62	Aug. 23	276.43
Dec. 20	275.15	Nov. 19	274.11	Nov. 30	276.61
Jan. 24, 1940	275.23	Apr. 2, 1942	274.69	Apr. 11, 1950	276.68
Feb. 28	275.10	Aug. 3	274.89	Aug. 2	276.62
Mar. 27	275.13	Dec. 7	274.76	Dec. 6	276.90
Apr. 30	275.00	Apr. 15, 1943	274.86	Aug. 18, 1953	234.20
May 28	275.01	Sept. 11	275.20	Dec. 3	222.06

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well C-23					
Owner: J. N. Byler.					
Nov. 1, 1937	221.88	Feb. 28, 1940	233.3	Apr. 11, 1950	236.90
Jan. 25, 1938	208.00	Sept. 23	231.75	Aug. 2	228.80
Mar. 1	213.12	Oct. 28	232.48	Dec. 6	232.08
Mar. 31	214.76	Nov. 19, 1941	218.94	Apr. 4, 1951	231.02
Apr. 28	172.9	Apr. 13, 1943	220.51	Aug. 7	238.50
June 23	218.2	Sept. 11	225.89	Dec. 5	235.2
July 21	218.34	May 1, 1944	213.72	Apr. 18, 1952	240.4
Aug. 30	219.76	Aug. 25	219.98	Aug. 8	236.94
Sept. 29	221.98	May 24, 1945	212.62	Apr. 13, 1953	228.72
Dec. 12	226.80	Mar. 21, 1946	198.75	Aug. 18	229.77
Jan. 25, 1939	226.01	Aug. 5, 1948	232.8	Dec. 3	220.40
Mar. 1	224.62	Apr. 18, 1949	231.05		
Jan. 24, 1940	232.88	Nov. 30	233.70		
Well D-22					
Owner: James R. Hall.					
Aug. 23, 1949	61.16	Dec. 7, 1950	64.18	Apr. 18, 1952	39.74
Nov. 30	62.16	Apr. 4, 1951	47.11	Aug. 8	62.99
Apr. 11, 1950	42.67	Aug. 7	65.39	Apr. 14, 1953	41.82
Aug. 2	56.79	Dec. 5	64.90	Dec. 3	32.58
Well D-23					
Owner: Wiley Roberts.					
Oct. 28, 1937	85.00	Feb. 28, 1940	85.08	May 1, 1944	84.76
Dec. 10	85.13	Mar. 27	85.05	Aug. 25	85.02
Mar. 1, 1938	84.80	Apr. 30	84.95	Dec. 19	84.88
Mar. 31	84.88	May 28	85.02	May 24, 1945	84.82
Apr. 23	84.83	June 25	84.89	Mar. 21, 1946	84.82
May 20	84.76	July 29	84.87	Aug. 5, 1948	85.05
June 22	84.82	Aug. 29	84.98	Feb. 8, 1949	85.00
July 21	85.01	Sept. 23	85.05	Apr. 18	84.89
Aug. 30	84.99	Oct. 28	85.04	Aug. 23	85.05
Sept. 29	85.27	Dec. 6	84.87	Nov. 30	85.11
Nov. 5	86.96	Jan. 30, 1941	84.89	Apr. 11, 1950	84.92
Dec. 12	85.20	Mar. 27	84.84	Aug. 2	84.95
Jan. 26, 1939	85.05	May 29	84.82	Dec. 7	85.58
Mar. 1	84.02	Aug. 6	84.85	Apr. 4, 1951	85.92
Mar. 29	84.97	Nov. 19	85.00	Aug. 7	85.08
Apr. 28	85.31	Apr. 2, 1942	85.07	Dec. 5	85.15
May 24	85.06	Aug. 3	85.06	Apr. 18, 1952	85.15
July 1	85.23	Dec. 7	84.87	Aug. 8	85.26
Oct. 4	85.08	Apr. 15, 1943	84.79	Apr. 14, 1953	84.83
Dec. 20	85.11	Sept. 11	84.99	Aug. 18	85.14
Jan. 24, 1940	85.10	Dec. 18	85.05	Dec. 3	84.85

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well D-36					
Owner: T. E. Gillespie.					
Oct. 28, 1937	24.42	May 24, 1939	117.76	Mar. 27, 1941	20.39
Dec. 10	24.55	July 1	128.99	May 29	22.92
Jan. 25, 1938	18.66	Oct. 4	123.36	Nov. 19	43.18
Mar. 31	23.08	Dec. 20	120.24	Apr. 2, 1942	24.83
Apr. 24	20.81	Jan. 24, 1940	108.04	Aug. 3	67.50
May 20	21.94	Feb. 28	23.71	Dec. 7	23.69
June 22	23.71	Mar. 27	24.86	Apr. 15, 1943	23.38
July 21	36.50	Apr. 30	23.75	Sept. 11	88.97
Aug. 30	25.07	May 28	24.89	Dec. 18	93.99
Sept. 29	66.33	June 25	23.29	May 1, 1944	23.31
Nov. 5	109.92	July 29	23.61	Aug. 25	62.49
Dec. 12	98.50	Aug. 29	54.50	Dec. 19	22.79
Jan. 26, 1939	70.60	Sept. 23	68.59	May 24, 1945	23.67
Mar. 1	78.88	Oct. 28	87.50	Mar. 21, 1946	21.96
Mar. 29	64.80	Dec. 6	22.86	Apr. 11, 1950	72.66
Apr. 28	104.16	Jan. 30, 1941	22.93	Measurements discontinued	
Well D-66					
Owner: Mrs. Rena Dobię.					
Nov. 19, 1937	65.94	Jan. 24, 1940	58.75	Dec. 18, 1943	66.24
Dec. 10	65.45	Feb. 28	41.94	May 1, 1944	42.13
Jan. 20, 1938	2.71	Mar. 27	55.54	Aug. 25	64.01
Mar. 1	6.98	Apr. 30	38.18	Dec. 19	7.66
Mar. 31	24.62	May 28	57.30	May 24, 1945	61.11
Apr. 23	3.69	June 25	9.23	Mar. 21, 1946	5.49
May 20	4.71	July 29	45.08	Aug. 5, 1948	74.14
June 23	41.56	Aug. 29	58.52	Feb. 8, 1949	80.63
July 21	54.06	Sept. 23	58.99	Apr. 18	6.34
Aug. 30	53.95	Oct. 28	61.51	Aug. 23	82.55
Sept. 29	56.84	Dec. 6	7.61	Nov. 30	72.73
Nov. 5	59.25	Jan. 30, 1941	7.69	Apr. 11, 1950	73.60
Dec. 12	57.62	Mar. 27	4.73	Aug. 2	79.2
Jan. 26, 1939	58.90	May 29	7.27	Dec. 6	74.75
Mar. 1	59.10	Aug. 7	60.08	Apr. 5, 1951	103.9
Mar. 29	57.86	Nov. 19	64.05	Aug. 7	115.33
Apr. 22	64.10	Apr. 2, 1942	68.47	Dec. 5	115.69
May 24	58.67	Aug. 3	70.07	Aug. 8, 1952	117.99
July 1	59.59	Dec. 7	14.54	Apr. 14, 1953	108.70
Oct. 4	60.58	Apr. 15, 1943	6.72	Aug. 17	112.30
Dec. 20	60.21	Sept. 11	35.97	Dec. 3	5.73

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well E-17					
Owner: M. O. Rogers.					
Nov. 4, 1937	63.24	Aug. 8, 1941	51.86	Aug. 24, 1949	54.55
Jan. 8, 1940	52.09	Nov. 18	54.00	Nov. 30	56.12
Feb. 26	51.59	Apr. 10, 1942	52.33	Apr. 12, 1950	56.90
Mar. 25	52.44	Dec. 4	48.18	Aug. 3	55.40
Apr. 29	51.25	Mar. 30, 1943	51.42	Dec. 6	54.83
May 24	50.67	Sept. 9	51.99	Jan. 3, 1951	57.21
June 24	50.32	Apr. 28, 1944	34.46	Aug. 8	56.31
Aug. 26	56.50	Aug. 23	53.02	Dec. 5	55.04
Sept. 27	53.21	Dec. 21	50.56	Mar. 31, 1952	53.62
Oct. 30	53.42	May 22, 1945	50.6	Aug. 8	58.22
Jan. 30, 1941	18.5	Mar. 22, 1946	29.5	Apr. 13, 1953	53.60
Mar. 28	5.26	Aug. 6, 1948	58.40	Aug. 17	57.81
May 31	8.65	Feb. 10, 1949	53.03		
Well E-24					
Owner: J. L. Dodgen.					
Dec. 2, 1937	272.94	Apr. 28, 1944	257.55	Aug. 6, 1948	268.47
Mar. 5, 1943	264.67	Aug. 23	259.93	Feb. 10, 1949	273.20
Sept. 9	265.98	Dec. 21	262.43	Jan. 9, 1951	276.63
Dec. 21	268.70	May 22, 1945	246.36		
Well E-31					
Owner: Henry Armbruster.					
Dec. 1, 1937	154.86	Aug. 26, 1940	160.01	Apr. 1, 1943	140.52
Jan. 9, 1940	166.26	Jan. 30, 1941	152.51	Dec. 17	155.99
Feb. 27	166.11	Mar. 28	144.08	Aug. 23, 1944	155.69
Mar. 25	166.98	Aug. 8	117.71	May 22, 1945	114.14
Apr. 27	165.22	Nov. 18	130.71	Mar. 23, 1946	121.55
May 28	166.42	Apr. 10, 1942	150.98	June 21, 1947	104.67
June 24	162.99	Aug. 8	151.33	Nov. 19	112.83
July 29	156.85	Dec. 4	101.15	Apr. 2, 1948	153.65

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well E-36					
Owner: J. J. Horton.					
Sept. 16, 1937	125.60	Mar. 25, 1940	142.87	Dec. 21, 1944	105.91
Dec. 16	127.62	Apr. 29	138.00	May 22, 1945	87.62
Jan. 19, 1938	116.10	May 24	139.55	Mar. 23, 1946	92.35
Feb. 28	102.79	June 24	129.57	June 20, 1947	100.88
Mar. 30	103.48	July 26	125.17	Nov. 18	120.11
Apr. 20	99.01	Aug. 26	133.69	May 1, 1948	129.65
May 17	95.83	Sept. 27	137.04	Aug. 6	135.46
June 22	100.00	Oct. 29	139.48	Feb. 10, 1949	138.11
July 20	108.25	Dec. 5	123.53	Apr. 22	122.29
Aug. 26	112.55	Jan. 30, 1941	110.26	Aug. 23	130.78
Sept. 26	120.92	Mar. 28	99.91	Apr. 12, 1950	129.71
Nov. 2	125.27	May 22	88.54	Aug. 3	129.67
Dec. 13	129.49	Aug. 8	88.05	Dec. 6	135.79
Jan. 24, 1939	130.95	Nov. 18	107.36	Jan. 2, 1951	136.60
Feb. 28	132.72	Apr. 10, 1942	123.53	Apr. 4	137.46
Mar. 28	136.51	Aug. 8	129.07	Aug. 8	139.78
Apr. 27	137.15	Dec. 4	102.25	Dec. 5	139.00
May 24	136.91	Apr. 1, 1943	111.51	Mar. 27, 1952	142.93
July 3	137.08	Apr. 13	110.15	Aug. 8	138.25
Oct. 3	141.37	Sept. 9	122.91	Sept. 6	138.74
Dec. 18	140.80	Dec. 17	131.61	Apr. 13, 1953	122.19
Jan. 23, 1940	141.26	Apr. 28, 1944	93.63	Aug. 17	135.64
Feb. 26	142.11	Aug. 23	103.00	Dec. 2	106.59
Well E-45					
Owner: John Butler.					
Sept. 15, 1937	166.03	Apr. 27, 1939	171.00	Apr. 9, 1942	145.32
Jan. 20, 1938	157.66	May 25	162.96	Dec. 4	143.93
Feb. 28	153.28	July 3	150.12	Mar. 15, 1943	151.77
Mar. 30	148.25	Jan. 29, 1940	167.89	Apr. 29, 1944	147.15
Apr. 20	152.36	Mar. 25	166.24	Dec. 18	145.42
May 17	135.97	Aug. 29	163.16	Mar. 22, 1946	87.93
Aug. 26	140.28	Oct. 30	165.12	June 20, 1947	90.90
Nov. 2	179.48	Jan. 29, 1941	155.17	Nov. 19	95.08
Jan. 24, 1939	189.34	Mar. 31	132.80	May 1, 1948	157.55
Feb. 28	184.33	Nov. 18	143.82		

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well E-48					
Owner: Mrs. Laura B. Negley.					
Feb. 10, 1949	242.25	Dec. 6, 1950	239.66	Aug. 8, 1952	233.30
Apr. 20	234.22	Jan. 2, 1951	240.31	Sept. 6	238.33
Aug. 24	233.87	Apr. 4	243.47	Apr. 13, 1953	226.69
Nov. 10	236.35	Aug. 8	237.23	Aug. 17	232.11
Apr. 11, 1950	236.45	Dec. 5	243.30	Dec. 3	229.27
Aug. 3	230.20	Feb. 26, 1952	246.34		
Well E-58					
Owner: F. W. Zimmerman.					
Nov. 16, 1937	97.09	Aug. 8, 1941	87.81	Aug. 23, 1949	94.62
Jan. 9, 1940	98.64	Nov. 18	89.01	Nov. 30	95.02
Feb. 26	97.88	Apr. 10, 1942	91.38	Apr. 12, 1950	95.10
Mar. 25	101.39	Aug. 8	91.63	Aug. 3	94.46
Apr. 29	97.03	Dec. 4	90.78	Dec. 8	95.02
May 24	96.97	Mar. 29, 1943	91.40	Apr. 4, 1951	97.69
June 24	96.72	Dec. 21	92.62	Aug. 8	95.00
July 26	96.14	Mar. 28, 1944	90.01	Dec. 5	94.78
Aug. 26	96.08	Aug. 23	91.79	Mar. 31, 1952	96.10
Sept. 27	96.21	Dec. 21	92.12	Aug. 8	94.02
Oct. 30	95.98	May 22, 1945	90.82	Apr. 13, 1953	91.62
Dec. 5	94.92	Mar. 22, 1946	92.78	Aug. 17	91.61
Jan. 30, 1941	94.05	Aug. 6, 1948	94.29	Dec. 3	89.83
Mar. 28	82.52	Feb. 10, 1949	95.48		
May 31	84.26	Apr. 20	93.36		
Well E-59					
Owner: Joe Stuart.					
Nov. 4, 1937	193.6	Dec. 12, 1950	207.6	Mar. 31, 1952	207.0
Mar. 30, 1943	196.8	Jan. 3, 1951	203.6	Sept. 5	206.5
Well E-65					
Owner: Paul J. Grelle.					
Mar. 4, 1943	222.4	Jan. 3, 1951	234.5	Sept. 5, 1952	232.6
Dec. 8, 1950	233.7	Mar. 27, 1952	243.2		

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well F-3					
Owner: Thomas Yoe.					
Sept. 16, 1937	25.55	Jan. 5, 1944	26.10	May 30, 1948	26.08
Jan. 19, 1938	25.40	Feb. 3	25.98	June 27	26.23
Feb. 28	23.66	Feb. 27	25.93	July 29	26.18
Mar. 30	24.46	Apr. 1	25.14	Aug. 29	26.24
Apr. 20	24.18	Apr. 30	24.81	Sept. 26	26.30
May 17	22.32	May 29	24.53	Oct. 26	26.39
June 22	23.47	July 2	23.03	Nov. 25	26.37
Aug. 26	24.00	July 30	23.96	Dec. 24	26.46
Nov. 2	25.73	Aug. 27	24.58	Jan. 31, 1949	26.44
Dec. 13	25.78	Oct. 1	25.19	Feb. 27	26.00
Jan. 24, 1939	25.82	Oct. 30	25.56	Mar. 27	25.92
Feb. 28	26.90	Dec. 1	25.55	Apr. 23	26.10
Mar. 28	25.98	Jan. 1, 1945	25.26	May 21	25.78
Apr. 27	26.20	Feb. 4	24.67	June 26	25.82
May 24	26.13	Mar. 30	24.42	July 24	25.90
July 3	27.17	May 2	24.06	Aug. 28	25.96
Dec. 18	29.60	May 28	24.41	Sept. 23	26.09
Jan. 23, 1940	26.95	July 28	25.24	Oct. 25	26.10
Feb. 26	26.46	Sept. 3	25.55	Nov. 25	26.22
Mar. 25	27.08	Sept. 30	25.69	Dec. 22	25.27
Apr. 29	26.49	Nov. 4	25.74	Jan. 27, 1950	26.83
May 24	26.51	Dec. 5	25.74	Feb. 24	26.32
June 24	26.45	Jan. 4, 1946	25.88	Mar. 28	26.31
July 26	25.74	Feb. 7	25.78	Apr. 27	26.73
Aug. 26	26.00	Mar. 5	25.68	May 31	26.25
Sept. 27	26.16	Apr. 4	25.49	June 26	25.68
Oct. 30	26.28	Apr. 28	25.08	July 26	27.03
Nov. 30	26.08	July 2	24.89	Aug. 23	26.77
Jan. 2, 1941	25.19	Aug. 3	25.38	Sept. 25	27.17
Jan. 30	25.52	Sept. 2	24.38	Oct. 25	26.36
Feb. 26	25.44	Oct. 2	23.98	Nov. 22	26.46
Mar. 28	24.81	Oct. 7	23.75	Dec. 19	26.55
May 22	22.97	Dec. 2	22.93	Jan. 24, 1951	26.60
Aug. 8	23.78	Jan. 12, 1947	23.52	Feb. 28	26.68
Nov. 18	25.64	Jan. 29	22.66	Mar. 29	26.68
Apr. 10, 1942	26.00	Mar. 2	23.28	Apr. 24	26.53
Aug. 8	26.17	Mar. 30	23.94	May 22	26.45
Dec. 4	25.40	Apr. 27	24.51	June 28	25.88
Feb. 4, 1943	25.71	June 1	25.02	July 23	26.03
Feb. 25	25.85	June 29	25.33	Aug. 23	26.18
Mar. 29	25.90	July 27	25.35	Sept. 24	26.25
Apr. 29	25.98	Sept. 1	25.59	Oct. 24	26.37
May 31	25.97	Sept. 28	25.67	Dec. 20	26.58
June 30	25.95	Oct. 31	25.76	Feb. 1, 1952	26.64
July 28	25.98	Nov. 30	25.84	Feb. 26	26.62
Sept. 1	26.05	Dec. 30	25.87	Mar. 24	26.65
Oct. 4	25.09	Feb. 29, 1948	25.99	Apr. 24	26.53
Oct. 30	25.16	Mar. 28	26.06		
Nov. 28	26.20	Apr. 25	26.14		

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well G-12					
Owner: Mrs. N. E. Hughes.					
July 21, 1938	2.21	July 29, 1940	28.44	May 24, 1945	26.68
Aug. 30	6.30	Aug. 29	28.63	Mar. 21, 1946	25.65
Sept. 29	6.71	Sept. 23	28.51	Aug. 5, 1948	29.63
Nov. 5	8.49	Oct. 28	28.56	Feb. 8, 1949	29.35
Dec. 12	9.90	Dec. 6	28.62	Apr. 18	28.57
Jan. 25, 1939	10.97	Jan. 30, 1941	28.05	Aug. 23	30.41
Mar. 29	13.45	Mar. 24	27.59	Nov. 30	30.42
Apr. 23	9.80	May 23	26.87	Apr. 11, 1950	30.88
Apr. 28	9.20	Aug. 7	27.72	Aug. 2	32.40
May 24	8.08	Nov. 19	28.48	Dec. 6	31.98
July 1	7.81	Apr. 2, 1942	28.78	Apr. 4, 1951	32.23
Oct. 4	7.59	Aug. 3	28.66	Aug. 7	34.65
Dec. 20	16.73	Dec. 7	28.09	Dec. 5	32.29
Jan. 24, 1940	19.05	Apr. 15, 1943	27.96	Apr. 17, 1952	32.61
Feb. 28	21.81	Sept. 11	27.53	Aug. 8	34.37
Mar. 27	24.30	Dec. 18	27.53	Apr. 14, 1953	32.07
Apr. 30	27.00	May 1, 1944	26.41	Aug. 18	36.26
May 28	27.64	Aug. 25	26.52	Dec. 3	32.16
June 25	28.14	Dec. 19	27.08		
Well G-13					
Owner: Curtis Morris.					
Apr. 28, 1938	+17.2	Mar. 27, 1941	15.01	Dec. 19, 1944	14.48
Feb. 28, 1940	9.24	May 23	14.28	May 24, 1945	14.09
Mar. 27	11.72	Aug. 7	15.11	Mar. 21, 1946	13.04
Apr. 30	14.36	Nov. 19	15.87	Aug. 5, 1948	16.98
May 28	15.04	Apr. 2, 1942	16.17	Feb. 8, 1949	16.74
June 25	15.54	Aug. 3	16.04	Apr. 18	15.91
July 29	15.85	Dec. 7	15.48	Aug. 23	17.83
Aug. 29	16.04	Apr. 15, 1943	14.35	Nov. 30	17.87
Sept. 23	15.90	Sept. 11	15.43	Apr. 11, 1950	18.27
Oct. 28	15.97	Dec. 18	14.94	Aug. 2	20.68
Dec. 6	16.01	May 1, 1944	13.74	Dec. 6	20.74
Jan. 30, 1941	15.46	Aug. 25	13.93	Apr. 4, 1951	20.4



Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well G-20					
Owner: W. A. Leath.					
Oct. 14, 1937	43.20	Jan. 24, 1940	43.83	Aug. 25, 1944	44.70
Dec. 13	40.53	Mar. 27	43.41	Dec. 19	40.20
Jan. 26, 1938	38.03	Apr. 30	43.23	Mar. 21, 1946	41.27
Mar. 1	37.60	May 28	43.81	Aug. 5, 1948	53.46
Mar. 31	38.02	June 25	42.55	Apr. 18, 1949	44.95
Apr. 23	38.32	July 29	42.55	Aug. 23	50.00
May 19	33.18	Sept. 23	44.19	Nov. 30	44.90
June 23	41.46	Oct. 28	42.07	Apr. 11, 1950	51.56
July 20	45.80	Dec. 6	41.20	Aug. 2	61.08
Aug. 3	50.32	Jan. 30, 1941	38.71	Dec. 6	50.81
Sept. 29	44.88	May 23	26.25	Apr. 5, 1951	48.14
Dec. 12	42.53	Aug. 7	32.69	Aug. 7	62.00
Jan. 25, 1939	43.13	Nov. 19	37.74	Dec. 5	50.35
Mar. 1	43.45	Apr. 2, 1942	44.44	Aug. 8, 1952	51.93
Mar. 29	44.63	Dec. 7	34.82	Apr. 13, 1953	49.63
May 26	49.41	Dec. 18, 1943	38.70	Aug. 18	52.31
Dec. 20	45.36	May 1, 1944	36.08	Dec. 3	43.04
Well G-35					
Owner: Mrs. R. F. Clayton, Sr.					
Oct. 14, 1937	61.92	Oct. 4, 1939	65.90	Mar. 27, 1941	55.51
Dec. 13	61.72	Dec. 20	64.67	May 23	55.66
Jan. 25, 1938	62.56	Jan. 24, 1940	63.58	Aug. 7	63.29
Mar. 1	60.98	Feb. 28	63.88	Nov. 19	58.83
Mar. 30	60.57	Mar. 27	64.25	Apr. 2, 1942	60.18
Apr. 23	60.19	Apr. 30	64.53	Aug. 3	58.14
May 19	58.51	May 28	66.51	Dec. 7	55.61
June 23	61.21	June 25	65.07	Apr. 15, 1943	57.19
Aug. 30	61.19	July 29	60.13	Sept. 11	57.62
Sept. 29	64.92	Aug. 29	64.80	May 1, 1944	54.68
Dec. 12	60.97	Sept. 23	63.11	Aug. 25	57.82
Jan. 25, 1939	63.70	Oct. 28	62.76	Dec. 19	55.50
Mar. 1	68.37	Dec. 6	59.89	May 24, 1945	57.19
Apr. 23	67.59	Jan. 30, 1941	57.55	Mar. 21, 1946	54.99

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well G-38					
Owner: Fred Boyett.					
Oct. 15, 1937	47.50	Apr. 30, 1940	48.86	Dec. 19, 1944	9.32
Dec. 13	49.75	May 28	51.50	May 24, 1945	8.13
Jan. 26, 1938	5.14	June 25	35.62	Mar. 21, 1946	7.39
Mar. 2	8.11	July 29	47.78	Aug. 5, 1948	50.22
Mar. 30	7.98	Aug. 29	51.16	Feb. 8, 1949	40.91
Apr. 23	6.14	Sept. 23	52.42	Apr. 19	8.98
May 19	7.59	Oct. 28	53.44	Aug. 23	46.46
June 23	9.62	Dec. 6	40.80	Nov. 30	48.51
July 20	40.31	Jan. 30, 1941	9.19	Apr. 11, 1950	43.24
Aug. 30	44.19	Mar. 27	4.68	Aug. 2	47.68
Sept. 29	45.46	May 23	7.58	Dec. 6	50.52
Dec. 12	47.73	Aug. 7	9.66	Apr. 4, 1951	46.98
Jan. 25, 1939	49.49	Nov. 29	43.06	Aug. 7	53.74
Mar. 1	49.46	Apr. 2, 1942	37.39	Dec. 5	54.54
Apr. 23	50.19	Aug. 3	42.98	Apr. 18, 1952	44.96
May 26	52.06	Dec. 7	8.86	Aug. 9	51.97
Oct. 4	53.18	Apr. 15, 1943	8.81	Apr. 13, 1953	10.47
Dec. 12	53.68	Sept. 11	44.54	Aug. 17	50.86
Jan. 24, 1940	54.39	Dec. 18	44.14	Dec. 3	10.48
Feb. 28	54.59	May 1, 1944	9.21		
Mar. 27	53.06	Aug. 25	43.01		
Well G-39					
Owner: Fred Boyett.					
Oct. 15, 1937	81.55	Apr. 30, 1940	69.90	Mar. 21, 1946	55.32
Dec. 13	65.15	May 28	67.55	Aug. 5, 1948	74.61
Jan. 26, 1938	54.89	June 25	63.78	Feb. 8, 1949	75.43
Mar. 2	55.54	Aug. 29	70.77	Apr. 19	64.97
Mar. 30	64.99	Sept. 23	67.89	Aug. 23	64.05
Apr. 23	61.22	Oct. 12	69.61	Nov. 30	69.58
May 19	52.86	Dec. 6	64.60	Apr. 11, 1950	62.87
June 23	55.90	Jan. 30, 1941	58.72	Aug. 2	69.01
Aug. 30	67.28	Mar. 27	53.53	Dec. 6	56.46
Sept. 29	66.24	Aug. 7	56.13	Apr. 4, 1951	69.29
Dec. 12	64.10	Nov. 19	60.80	Aug. 9	68.70
Jan. 25, 1939	64.76	Apr. 2, 1942	62.81	Dec. 5	68.40
Mar. 1	65.62	Dec. 7	55.24	Apr. 18, 1952	74.10
Apr. 23	66.60	Apr. 15, 1943	57.42	Aug. 9	79.29
May 26	66.56	Sept. 11	63.31	Apr. 13, 1953	61.06
Oct. 4	67.86	May 1, 1944	55.20	Aug. 17	73.70
Dec. 20	68.32	Aug. 25	60.83	Dec. 3	65.44
Jan. 24, 1940	68.68	Dec. 19	58.76		
Mar. 27	68.36	May 24, 1945	57.61		

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well H-9					
Owner: A. A. Hale.					
Sept. 15, 1937	128.0	Nov. 13, 1950	129.9	Feb. 26, 1952	130.7
Apr. 8	127.7	Jan. 3, 1951	130.1	Sept. 5	132.1
Well H-11					
Owner: C. C. Houston.					
Apr. 8, 1943	140.7	Jan. 3, 1951	144.3	Sept. 5, 1952	140.1
Nov. 13, 1950	143.4	Mar. 26, 1952	146.4		
Well H-15					
Owner: Mrs. O. G. Parke, Sr.					
Aug. 1, 1945	181.3	Jan. 5, 1951	195.7	Sept. 5, 1952	205.9
Nov. 13, 1950	196.8	Mar. 26, 1952	201.8		
Well H-20					
Owner: State Highway Department.					
July 3, 1939	128.27	May 22, 1941	121.29	Apr. 20, 1949	147.97
Jan. 11, 1940	137.65	Aug. 8	121.83	Aug. 24	169.15
Jan. 23	137.84	Apr. 10, 1942	131.51	Nov. 8	157.45
Feb. 26	143.19	Aug. 8	137.69	Apr. 12, 1950	131.57
Mar. 25	143.59	Dec. 4	128.88	Aug. 3	130.62
Apr. 27	140.91	Mar. 15, 1943	131.62	Dec. 6	131.45
May 24	140.33	Sept. 9	136.44	Jan. 3, 1951	131.30
June 27	151.43	Dec. 17	136.14	Apr. 3	132.31
July 1	142.05	Apr. 29, 1944	133.39	Aug. 8	133.67
July 26	148.65	Aug. 23	129.52	Dec. 5	132.17
July 29	142.84	Dec. 21	130.55	Mar. 26, 1952	134.32
Aug. 26	150.62	May 22, 1945	125.97	Aug. 8	132.13
Aug. 27	141.80	Apr. 1, 1946	127.16	Sept. 5	136.04
Sept. 27	143.55	June 21, 1947	141.88	Apr. 13, 1953	124.43
Oct. 30	139.77	Nov. 19	135.00	Aug. 17	132.45
Dec. 5	145.99	May 1, 1948	159.97	Dec. 2	121.39
Jan. 29, 1941	130.38	Aug. 5	162.82		
Mar. 28	127.95	Feb. 10, 1949	149.23		

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well H-23					
Owner: Nicholas Thiele.					
Sept. 15, 1937	134.59	Apr. 27, 1940	148.37	Mar. 22, 1946	137.73
Dec. 14	136.42	May 24	149.31	June 20, 1947	140.67
Jan. 20, 1938	136.39	June 27	149.33	Nov. 19	140.95
Feb. 28	132.20	July 26	147.93	May 1, 1948	158.58
Mar. 30	131.02	Aug. 26	148.17	Aug. 5	157.50
Apr. 20	130.82	Sept. 27	148.70	Apr. 20, 1949	150.40
May 18	128.36	Oct. 30	147.77	Aug. 24	155.69
June 22	127.43	Dec. 5	145.83	Nov. 10	156.19
July 20	128.58	Jan. 29, 1941	139.37	Apr. 12, 1950	142.76
Aug. 26	129.79	Mar. 28	135.81	Aug. 3	142.3
Sept. 26	131.20	May 22	130.28	Dec. 6	142.21
Nov. 2	133.14	Aug. 8	130.41	Jan. 3, 1951	142.74
Dec. 13	136.50	Nov. 18	132.99	Apr. 4	143.52
Jan. 24, 1939	137.36	Apr. 10, 1942	141.21	Aug. 8	148.56
Feb. 28	141.74	Aug. 8	144.26	Dec. 5	144.46
Mar. 28	138.65	Dec. 4	137.25	Mar. 26, 1952	145.42
Apr. 25	138.75	Mar. 15, 1943	139.78	Aug. 8	145.00
May 24	139.45	Sept. 9	143.27	Sept. 6	148.94
Oct. 3	148.40	Dec. 17	143.41	Apr. 13, 1953	136.30
Dec. 18	148.24	Apr. 29, 1944	138.68	Aug. 17	144.77
Jan. 23, 1940	147.43	Aug. 23	137.58	Dec. 2	133.47
Feb. 26	147.68	Dec. 21	138.33		
Mar. 25	149.26	May 22, 1945	136.18		
Well H-25					
Owner: Ed Cullen.					
Feb. 28, 1939	106.4	Jan. 9, 1951	110.6	Sept. 5, 1952	110.8
Apr. 1, 1943	105.5	Mar. 26, 1952	111.7		
Well H-43					
Owner: E. N. Cason.					
Sept. 15, 1937	96.20	Aug. 26, 1938	95.78	July 3, 1939	97.81
Dec. 16	97.01	Sept. 28	96.10	Oct. 3	98.40
Jan. 20, 1938	96.25	Nov. 2	96.43	Dec. 18	97.55
Feb. 28	95.00	Dec. 12	95.72	Jan. 23, 1940	97.34
Mar. 30	95.57	Jan. 24, 1939	96.99	Feb. 26	97.21
Apr. 20	94.46	Feb. 28	97.11	Mar. 25	97.10
May 18	93.31	Mar. 28	97.03	Apr. 27	97.10
June 22	94.49	Apr. 22	97.54	May 24	97.60
July 20	95.29	May 24	97.25	June 27	97.37

(Continued on next page)

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well H-43--Continued					
July 26, 1940	98.86	Dec. 21, 1943	96.53	Apr. 12, 1950	96.41
Aug. 26	97.80	Apr. 29, 1944	93.26	Aug. 3	96.15
Sept. 27	97.97	Aug. 23	94.09	Dec. 6	96.53
Oct. 29	97.83	Dec. 18	94.84	Jan. 4, 1951	96.68
Jan. 29, 1941	95.08	May 22, 1945	92.99	Apr. 4	98.49
May 22	91.03	Mar. 22, 1946	94.36	Aug. 8	96.49
Aug. 8	92.80	June 21, 1947	94.80	Dec. 5	98.15
Nov. 18	94.81	Nov. 19	96.37	Mar. 26, 1952	99.09
Apr. 9, 1942	95.93	May 1, 1948	97.08	Aug. 8	98.76
Aug. 8	95.91	Aug. 6	97.30	Sept. 5	96.63
Dec. 4	93.76	Feb. 8, 1949	97.38	Apr. 13, 1953	95.49
Mar. 15, 1943	95.53	Apr. 20	95.70	Aug. 17	95.87
Sept. 9	96.03	Aug. 23	96.02	Dec. 2	93.79
Well H-47					
Owner: Joe Freeman.					
Oct. 5, 1937	131.9	Dec. 14, 1950	135.5	Apr. 21, 1952	137.1
Apr. 5, 1943	129.0	Jan. 4, 1951	134.1		
Well H-60					
Owner: H. W. Hageman.					
Sept. 14, 1937	42.58	Mar. 25, 1940	33.75	May 22, 1945	30.02
Dec. 16	33.72	Apr. 27	33.69	Mar. 22, 1946	31.51
Jan. 20, 1938	33.40	May 24	34.24	June 21, 1947	31.60
Feb. 28	32.38	June 27	33.93	Nov. 19	32.99
Mar. 30	32.44	July 26	35.94	May 1, 1948	33.38
Apr. 20	32.23	Aug. 26	36.24	Aug. 5	33.85
May 18	33.93	Sept. 27	34.52	Feb. 8, 1949	34.07
June 22	31.46	Oct. 29	34.40	Apr. 20	32.57
July 20	31.98	Dec. 5	33.04	Aug. 23	32.68
Aug. 26	32.02	Jan. 29, 1941	32.05	Nov. 8	32.75
Sept. 28	32.71	Mar. 28	30.20	Apr. 12, 1950	33.95
Nov. 2	33.00	May 22	29.04	Aug. 2	32.63
Dec. 13	33.30	Aug. 8	29.65	Dec. 6	33.10
Jan. 24, 1939	33.68	Nov. 18	31.47	Jan. 4, 1951	33.20
Feb. 28	33.74	Apr. 9, 1942	32.51	Apr. 4	33.15
Mar. 28	33.68	Aug. 8	34.53	Aug. 8	33.78
Apr. 25	34.08	Dec. 4	30.57	Dec. 5	33.14
May 24	34.54	Apr. 6, 1943	32.34	Mar. 26, 1952	33.38
July 3	34.36	Sept. 9	32.69	Aug. 8	32.95
Oct. 3	34.95	Dec. 21	33.08	Sept. 5	33.50
Dec. 18	34.11	Apr. 29, 1944	31.17	Apr. 13, 1953	32.26
Jan. 23, 1940	33.99	Aug. 23	30.83		
Feb. 26	36.11	Dec. 18	31.64		

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well H-73					
Owner: Tex Hughson.					
Oct. 5, 1937	259.6	Oct. 29, 1940	254.7	Apr. 9, 1942	252.7
Jan. 23, 1940	254.3	Jan. 29, 1941	252.2	Dec. 4	249.9
Apr. 29	254.0	May 22	247.8	Mar. 15, 1943	251.9
July 26	254.2	Aug. 8	249.3		
Well H-75					
Owner: E. Brooks.					
Oct. 5, 1937	163.79	Aug. 8, 1941	159.35	Feb. 8, 1949	164.48
Jan. 9, 1940	165.19	Apr. 9, 1942	162.82	Apr. 18	163.15
Feb. 26	164.50	Aug. 7	163.29	Aug. 25	163.04
Mar. 25	164.46	Dec. 4	160.15	Apr. 11, 1950	163.39
Apr. 27	164.40	Apr. 6, 1943	162.67	Aug. 2	166.22
May 24	164.87	Sept. 9	162.77	Dec. 6	166.62
July 1	164.16	Dec. 21	166.15	Jan. 4, 1951	163.99
July 26	164.63	Apr. 29, 1944	159.91	Apr. 4	169.09
Aug. 27	165.01	Aug. 23	160.87	Aug. 8	162.55
Sept. 27	165.19	Dec. 18	161.72	Dec. 5	168.62
Oct. 29	165.04	May 22, 1945	159.38	Sept. 5, 1952	164.07
Dec. 5	163.59	Mar. 21, 1946	162.78	Apr. 13, 1953	162.82
Jan. 24, 1941	162.43	June 23, 1947	159.80	Aug. 17	166.65
Mar. 28	160.45	May 2, 1948	163.95	Dec. 3	161.12
May 22	158.04	Aug. 5	164.13		
Well H-94					
Owner: W. P. Donaldson.					
Sept. 27, 1937	74.94	Jan. 23, 1940	76.58	Dec. 4, 1942	7.93
Dec. 14	3.85	Feb. 27	76.29	Mar. 12, 1943	71.87
Jan. 20, 1938	85.02	Apr. 27	73.30	Sept. 9	16.21
Feb. 3	6.97	May 24	75.84	Dec. 21	74.17
Mar. 30	28.34	July 1	5.35	Apr. 29, 1944	60.54
Apr. 20	6.25	July 26	75.83	Aug. 23	70.80
May 18	7.02	Aug. 27	76.23	Dec. 18	7.52
June 22	19.38	Jan. 24, 1941	7.10	May 22, 1945	65.49
July 20	72.18	Mar. 28	4.41	Mar. 20, 1946	6.85
Aug. 26	72.82	May 22	10.87	June 23, 1947	41.86
Sept. 28	73.27	Aug. 8	62.00	Nov. 19	43.64
Dec. 13	74.60	Nov. 18	35.97	May 2, 1948	74.24
May 26, 1939	77.70	Apr. 9, 1942	6.72	Aug. 5	74.15
Dec. 18	77.15	Aug. 7	25.83	Feb. 10, 1949	10.98

(Continued on next page)

Table 3.- Water levels in wells in Hays County--Continued

Date	Water level	Date	Water level	Date	Water level
Well H-94--Continued					
Apr. 18, 1949	11.70	Dec. 6, 1950	74.62	Aug. 8, 1952	73.90
Aug. 25	73.53	Jan. 4, 1951	74.70	Sept. 5	74.70
Nov. 8	9.04	Aug. 8	74.21	Apr. 13, 1953	72.94
Apr. 11, 1950	67.39	Dec. 5	72.68	Aug. 17	75.02
Aug. 1	72.78	Mar. 25, 1952	74.81	Dec. 2	2.80
Well H-95					
Owner: G. M. Jackson.					
Sept. 29, 1937	120.19	Mar. 25, 1940	121.39	May 22, 1945	115.81
Dec. 14	121.66	Apr. 27	121.24	Mar. 20, 1946	118.98
Feb. 2, 1938	118.04	May 24	121.58	June 23, 1947	117.78
Mar. 30	119.08	June 27	121.35	Nov. 19	119.85
Apr. 20	119.32	July 26	121.27	May 2, 1948	120.47
May. 18	116.68	Aug. 27	121.72	Aug. 5	120.72
June 22	117.34	Sept. 27	122.04	Feb. 10, 1949	121.41
July 20	118.24	Oct. 29	121.96	Apr. 18	120.35
Aug. 26	118.82	Dec. 5	120.41	Aug. 25	119.70
Sept. 28	120.32	Jan. 24, 1941	119.12	Nov. 7	119.61
Nov. 2	119.73	Mar. 28	117.31	Apr. 11, 1950	120.20
Dec. 13	120.05	Aug. 8	115.00	Aug. 1	119.94
Jan. 24, 1939	120.65	Nov. 18	117.26	Dec. 6	120.74
Feb. 28	120.64	Apr. 9, 1942	119.40	Jan. 4, 1951	120.76
Mar. 28	120.69	Aug. 7	119.28	Apr. 4	121.42
Apr. 22	121.27	Dec. 4	115.67	Aug. 8	120.55
May 26	121.33	Mar. 12, 1943	118.09	Dec. 5	120.83
July 3	121.69	Sept. 10	119.00	Mar. 25, 1952	121.17
Oct. 5	122.20	Dec. 21	119.84	Aug. 8	121.47
Dec. 18	121.41	Apr. 29, 1944	115.74	Sept. 5	121.37
Jan. 23, 1940	121.43	Aug. 23	116.53	Apr. 13, 1953	119.83
Feb. 27	121.24	Dec. 18	118.37		

Table 4.- Analyses of water from wells and springs in Hays County, Tex.  
 (Analyses given are in parts per million except specific conductance, pH, and percent sodium)

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	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
A-1	S. F. Hurlbut	Spring	Nov. 5, 1937	-	-	58	15	10	244	11	10	-	a	224	204	-	-	-
A-3	Ollie Sorrell	251	Aug. 29, 1948	12	-	72	57	21	412	84	24	-	0.2	473	414	10	808	-
A-5	Paul Sorrell	150	do.	12	-	380	137	16	358	1,180	18	-	.2	1,920	1,510	2	2,270	-
A-8	Ed Holmes	69	Sept. 9, 1937	-	-	-	-	-	232	10	27	-	a	-	-	-	-	-
A-10	Mrs. I. W. Davis	113	do.	-	-	-	-	-	268	101	20	-	a	-	-	-	-	-
A-16	J. M. Smitherman	345	Aug. 26, 1952	12	-	424	305	32	373	1,920	47	3.6	2.5	2,930	2,310	3	3,280	8.0
A-19	Walton Walker	350	Nov. 7, 1937	-	-	-	-	-	-	1,780	33	-	a	-	-	-	-	-
B-2	Willie Puryear	177	Nov. 3, 1937	-	-	189	77	85	342	300	270	-	20	1,090	787	-	-	-
B-4	Mrs. Truman Breed	272	do.	-	-	-	-	-	183	39	19	-	a	-	-	-	-	-
B-5	R. N. Cotton	450	do.	-	-	-	-	-	226	38	18	-	a	-	-	-	-	-
B-8	W. H. Meyers	575	Jan. 20, 1954	10	.08	56	51	21	432	22	11	.6	.0	384	349	11	689	7.5
B-23	John Glossom	207	Nov. 15, 1937	-	-	85	55	6.0	415	58	36	-	a	444	439	-	-	-
B-25	Ben Everett	183	do.	-	-	204	70	43	366	459	80	-	a	1,040	798	-	-	-
B-26	G. W. Houchin	85	Sept. 7, 1937	-	-	120	48	6.0	366	132	50	-	a	536	494	-	-	-
B-27	M. H. McFarland	9	do.	-	-	-	-	-	390	20	14	-	a	-	-	-	-	-
B-28	E. A. Traylor	Spring	do.	-	-	-	-	-	488	43	20	-	a	-	-	-	-	-
B-29	J. W. Farrell	442	Sept. 9, 1937	-	-	76	89	7.0	366	226	24	-	a	602	555	-	-	-
B-30	Mrs. W. L. Farrell	96	do.	-	-	-	-	-	372	58	68	-	a	-	-	-	-	-
B-31	J. E. Coghill	165	do.	-	-	-	-	-	256	77	24	-	a	-	-	-	-	-
B-34	W. A. Harber	200	do.	-	-	223	78	26	201	689	36	-	a	1,151	878	-	-	-
B-39	P. O. Brannon	110	Sept. 7, 1937	-	-	76	32	38	342	58	44	-	a	416	320	-	-	-
B-40	Dripping Springs School	190	Jan. 20, 1954	14	.00	454	185	36	352	1,570	25	4.4	1.2	2,460	1,890	4	2,710	7.2
B-41	Felix Lindsey	64	Nov. 17, 1937	-	-	122	93	11	488	253	34	-	a	753	687	-	-	-
B-43	Clarence Southwell	149	do.	-	-	99	48	2.0	372	112	20	-	a	464	445	-	-	-
B-44	Lester Brenizer	Spring	Sept. 2, 1937	-	-	87	19	1.0	305	20	20	-	a	297	297	-	-	-
B-46	Albert Garcia	87	Sept. 7, 1937	-	-	-	-	-	342	101	29	-	a	-	-	-	-	-
B-47	do.	40	do.	-	-	287	108	381	287	518	405	-	-	-	1,160	-	-	-
B-50	H. A. McIntyre	170	--	-	-	78	67	7.0	451	90	17	-	a	481	472	-	-	-
B-51	W. J. Vaughn	137	Nov. 17, 1937	-	-	96	32	8.0	372	54	18	-	a	391	370	-	-	-
B-53	E. E. Townes	799	Aug. 26, 1952	13	-	198	150	89	b351	896	54	2.2	2.0	1,580	1,110	15	2,070	8.3
B-58	Glynn C. Key	46	Sept. 4, 1937	-	-	51	38	5.0	207	13	33	-	80	322	283	-	-	-
B-59	do.	87	do.	-	-	90	30	9.0	323	14	30	-	90	390	349	-	-	-
B-60	Bob Breeding	Spring	do.	-	-	151	45	72	610	15	60	-	150	793	563	-	-	-
B-61	do.	Spring	do.	-	-	96	26	9.0	378	18	26	-	a	361	346	-	-	-
B-63	F. J. Turk	623	Aug. 26, 1952	12	-	178	111	29	421	547	30	2.6	.2	1,120	900	7	1,540	7.4



Table 4.- Analyses of water from wells and springs in Hays County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	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
C-1	J. C. Crisp	Spring	Aug. 26, 1952	9.8	-	83	31	6.7	368	25	14	0.4	1.2	356	334	4	642	7.9
C-10	G. J. Contois	54	Nov. 2, 1937	-	-	75	5.0	6.0	201	36	14	-	a	235	208	-	-	-
C-13	-- Nicholson	Spring	Jan. 20, 1954	16	-	86	30	18	317	19	34	.0	60	4.9	338	10	710	7.8
C-15	Steiner & Garnett	240	Oct. 30, 1937	-	-	-	-	-	268	29	18	-	a	-	-	-	-	-
C-16	D. R. Strauss	390	Nov. 1, 1937	-	-	103	47	18	409	116	19	-	a	504	443	-	-	-
C-18	Mrs. D. M. Meeks	Spring	Oct. 26, 1937	-	-	-	-	-	250	11	16	-	a	-	-	-	-	-
C-19	do.	90	do.	-	-	34	9.0	6.0	122	11	16	-	a	136	120	-	-	-
C-20	J. J. Ploch	292	Nov. 1, 1937	-	-	-	-	-	293	32	20	-	a	-	-	-	-	-
C-21	George Rust	172	Nov. 15, 1937	-	-	110	11	13	360	12	20	-	a	361	322	-	-	-
C-22	do.	470	do.	-	-	54	26	20	268	18	24	-	a	288	241	-	-	-
C-23	J. N. Byler	810	Nov. 2, 1937	-	-	-	-	-	293	43	16	-	a	-	-	-	-	-
C-26	Norco Ranch	Spring	Feb. 23, 1938	-	-	126	10	14	397	18	23	-	a	398	356	-	-	-
C-27	-- Nornhouser	220	June 14, 1952	-	-	50	19	54	342	18	12	-	5.5	327	203	-	-	-
C-29	Mrs. W. W. Burnett	62	do.	-	-	75	32	6.9	326	45	11	-	5.0	336	318	-	-	-
C-32	T. J. Burnett	175	June 13, 1942	-	-	51	39	17	324	31	19	-	.0	317	288	-	-	-
D-1	Allie Mae Malott	537	Jan. 20, 1954	12	.02	70	79	38	455	160	24	3.0	.5	641	500	14	1,000	7.5
D-2	Jack Duncan	77	Nov. 2, 1937	-	-	-	-	-	317	28	34	-	a	-	-	-	-	-
D-6	W. I. Kuykendall	200	--	-	-	100	18	17	329	30	19	-	44	390	326	-	-	-
D-8	A. A. Elsner	311	Nov. 17, 1937	-	-	109	28	12	281	155	26	-	a	458	387	-	-	-
D-10	Paul Garnett	168	do.	-	-	66	26	14	244	61	26	-	a	313	271	-	-	-
D-11	John Cauthen	185	Nov. 5, 1937	-	-	-	-	-	183	74	18	-	a	-	-	-	-	-
D-15	Mrs. Chas. Howard	116	Nov. 16, 1937	-	-	-	-	-	403	180	24	-	a	-	-	-	-	-
D-21	E. H. Martin	173	Nov. 2, 1937	-	-	372	194	124	195	1,370	26	-	a	2,540	1,730	-	-	-
D-23	Wiley Roberts	89	Oct. 28, 1937	-	-	98	16	9.0	348	18	18	-	a	330	310	-	-	-
D-28	Mrs. Pearl Rodgers	241	Nov. 2, 1937	-	-	-	-	-	317	156	32	-	a	-	-	-	-	-
D-35	Mrs. K. Michaelis	262	Nov. 15, 1937	-	-	84	16	33	299	58	26	-	a	371	275	-	-	-
D-36	T. E. Gillespie	140	Oct. 28, 1937	-	-	-	-	-	146	11	15	-	a	-	-	-	-	-
D-37	J. B. Leggett	Spring	do.	-	-	104	6	6.0	317	13	16	-	a	301	284	-	-	-
D-43	M. G. Michaelis	Spring	Nov. 20, 1937	-	-	-	-	-	244	11	14	-	a	-	-	-	-	-
D-44	P. J. Tonkyro	Spring	Oct. 29, 1937	-	-	-	-	-	256	11	22	-	a	-	-	-	-	-
D-45	C. C. Cook	185	Oct. 28, 1937	-	-	-	-	-	342	22	15	-	a	-	-	-	-	-
D-46	L. R. Calhoun	132	Nov. 1, 1937	-	-	82	15	20	305	35	15	-	a	317	264	-	-	-
D-49	W. M. Mayfield	300	Oct. 28, 1937	-	-	89	13	8.0	317	11	14	-	a	291	278	-	-	-
D-52	Walter G. Loeffler	100	do.	-	-	111	38	9.0	366	91	41	-	a	470	433	-	-	-
D-54	Joe Cruze	Spring	Apr. 12, 1943	-	-	-	-	-	422	9.0	15	-	-	-	-	-	-	-
D-55	do.	125	do.	-	-	-	-	-	397	11	13	-	-	-	-	-	-	-
D-57	Joe Stuart	429	Mar. 30, 1943	-	-	-	-	-	378	227	14	-	-	-	-	-	-	-

Table 4.- Analyses of water from wells and springs in Hays County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	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
D-59	John Whisenant	113	Oct. 29, 1937	-	-	79	28	16	366	18	20	-	a	341	312	-	-	-
D-63	H. Thornton	140	Jan. 20, 1954	13	.69	45	54	15	383	35	11	-	1.8	363	334	9	656	7.9
D-65	Mrs. M. Roberts	151	Nov. 19, 1937	-	-	222	147	5.0	329	830	17	-	a	1,380	1,150	-	-	-
D-66	Mrs. Rena Dobie	150	do.	-	-	80	50	4.0	390	65	19	-	a	410	406	-	-	-
D-67	H. B. Pendleton	125	Oct. 28, 1937	-	-	633	62	20	268	1,570	20	-	a	2,440	1,840	-	-	-
D-70	R. A. Byler	332	--	-	-	55	28	21	268	55	15	-	a	306	252	-	-	-
D-71	Odessa Ferris	26	Oct. 28, 1937	-	-	313	45	45	110	37	172	-	-	-	968	-	-	-
D-73	E. C. James	350	Jan. 19, 1954	12	.04	55	41	7.6	c341	29	12	-	.0	325	306	5	586	8.5
D-74	do.	350	do.	12	.04	56	41	7.7	c339	28	11	-	.2	324	308	5	586	8.5
E-2	A. M. James	154	Nov. 4, 1937	-	-	159	51	2.0	500	167	19	-	a	644	607	-	-	-
E-6	W. P. Webb	310	Jan. 20, 1954	14	-	406	296	44	368	1,900	23	4.0	3.5	2,870	2,280	4	3,140	7.4
E-8	do.	Spring	Mar. 24, 1943	-	-	-	-	-	298	12	11	-	-	-	-	-	-	-
E-9	Chas. Morton	110	Nov. 10, 1937	-	-	-	-	-	329	11	15	-	a	-	-	-	-	-
E-15	-- Jarvis	237	Nov. 16, 1937	-	-	144	52	3.0	244	43	78	-	276	716	572	-	-	-
E-17	M. O. Rogers	110	Nov. 4, 1937	-	-	-	-	-	262	55	21	-	a	-	-	-	-	-
E-18	John Greenhall	90	--	-	-	95	38	13	476	11	14	-	a	405	394	-	-	-
E-20	do.	320	Jan. 19, 1954	11	.02	45	26	5.1 - 0.9	d261	9.9	9.2	-	2.5	240	219	5	442	8.7
E-23	J. E. Tomerlin	270	--	-	-	86	27	5.0	336	11	18	-	31	343	327	-	-	-
E-24	J. L. Dodgen	312	Dec. 2, 1937	-	-	66	30	11	342	15	12	-	a	302	289	-	-	-
E-25	E. O. Dodgen	325	Nov. 8, 1937	-	-	92	20	5.0	342	22	14	-	a	321	312	-	-	-
E-33	Homer Heep	242	Apr. 17, 1943	-	-	57	29	11	295	29	10	-	.0	281	262	-	-	-
E-36	J. J. Horton	243	Sept. 16, 1937	-	-	-	-	-	177	48	16	-	a	-	-	-	-	-
E-38	J. A. Rogers	325	Jan. 28, 1946	10	.05	58	33	3.0 3.0	280	38	12	1.8	.0	301	280	-	540	8.2
E-40	Wilmot Estate	500	--	-	-	-	-	-	262	20	10	-	a	-	-	-	-	-
E-43	M. J. H. Ferguson	231	Sept. 16, 1937	-	-	107	45	117	281	394	43	-	a	859	453	-	-	-
E-45	John Butler	507	Sept. 15, 1937	-	-	104	46	181	299	339	175	-	a	996	449	-	-	-
E-48	Mrs. Laura B. Negley	400	Aug. 1, 1945	-	-	-	-	-	288	10	10	-	.4	-	258	-	-	-
E-48	do.	400	Jan. 19, 1954	9.0	2.3	40	28	4.8	e256	2.9	8.8	-	.0	221	215	5	419	8.4
E-49	do.	414	June 4, 1943	-	-	-	-	-	210	36	190	-	-	-	-	-	-	-
E-51	F. W. Miller	314	Aug. 1, 1945	-	-	-	-	-	328	12	11	-	-	-	321	-	-	-
E-54	M. G. Michaelis	250	Nov. 4, 1937	-	-	-	-	-	323	28	14	-	a	-	-	-	-	-
E-55	Jim Blair	300	Mar. 30, 1943	-	-	-	-	-	350	4.0	7.0	-	-	-	-	-	-	-
E-58	F. W. Zimmerman	127	Nov. 16, 1937	-	-	-	-	-	378	40	15	-	a	-	-	-	-	-
E-59	Joe Stuart	500	Nov. 4, 1937	-	-	358	170	55	366	1,330	24	-	a	2,110	1,600	-	-	-
E-60	C. M. Decker	375	--	-	-	136	3.0	13	378	14	18	-	36	406	352	-	-	-
E-63	-- Gregg	250	July 31, 1945	-	-	-	-	-	266	10	10	-	-	-	252	-	-	-
E-64	Ed Montague	128	do.	-	-	-	-	-	280	14	12	-	36	-	285	-	-	-

Table 4.- Analyses of water from wells and springs in Hays County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	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
E-66	Mrs. E. Fehlis	387	Nov. 23, 1938	-	-	54	37	25	296	65	17	2.4	0.5	347	287	-	-	-
E-67	Jim Hale Miller	500	Oct. 2, 1937	-	-	-	-	-	-	212	30	-	a	-	-	-	-	-
E-69	A. L. Schmeltekopf	42	Sept. 15, 1937	-	-	274	6.0	70	159	55	180	-	-	-	709	-	-	-
E-70	H. K. Wilbern	450	Aug. 26, 1952	12	-	82	57	207	301	324	208	3.2	3.0	1,140	439	51	1,740	7.5
E-71	A. D. Dees	14	Jan. 19, 1954	21	.02	95	13	46	340	39	26	-	42	458	290	25	747	8.4
E-72	F. C. Litterst	553	Nov. 19, 1951	13	-	162	123	837	288	900	1,110	3.6	2.0	3,290	910	66	5,050	8.2
E-73	P. R. Rutherford	1,196	Mar. 6, 1952	14	-	40	58	41	310	122	27	.8	.0	488	338	21	871	8.1
E-73	do.	1,430	Aug. 26, 1952	15	-	44	48	40	222	170	21	1.4	2.0	474	308	22	879	8.2
E-74	do.	295	do.	15	-	94	29	3.7	398	12	13	.2	5.0	376	354	2	670	7.5
E-75	Mrs. Ida Hill	526	Jan. 19, 1954	4.2	.06	46	16	20	8171	44	24	-	.0	250	181	19	434	8.3
F-3	Thomas Yoe	30	Sept. 16, 1937	-	-	67	2.0	27	183	48	18	-	a	261	177	-	-	-
F-6	Herman Heep	500	--	-	-	80	66	531	171	610	600	-	a	1,980	471	-	-	-
F-7	Tom Pate	665	Aug. 26, 1952	13	-	71	45	202	282	290	185	2.8	.2	999	362	55	1,610	7.8
F-8	M. J. Coady	19	Jan. 19, 1954	20	-	56	11	178	360	191	46	2.4	8.7	703	184	68	1,070	8.1
F-10	L. S. Coers	650	Aug. 26, 1952	10	-	469	221	2,570	256	2,720	3,280	2.8	-	9,400	2,080	73	13,400	7.2
F-12	A. Satterwhite	13	Jan. 19, 1954	22	.02	46	12	186	410	137	40	-	40	686	164	71	1,070	8.6
F-15	Rudolph Braune	19	Nov. 8, 1937	-	-	574	133	1,020	226	1,770	1,520	-	30	5,160	1,980	-	-	-
F-18	L. Romero	23	do.	-	-	49	20	158	293	148	82	-	46	647	203	-	-	-
F-22	A. H. Whitten	502	Apr. 1, 1943	-	-	-	-	-	306	350	335	-	-	-	-	-	-	-
G-1	--	65	Oct. 21, 1937	-	-	95	60	16	281	219	42	-	a	570	482	-	-	-
G-5	W. H. Moses	84	do.	-	-	-	-	-	372	124	17	-	a	-	-	-	-	-
G-6	--	112	Oct. 20, 1937	-	-	-	-	-	-	310	16	-	a	-	-	-	-	-
G-7	--	200	do.	-	-	154	41	9.0	293	150	39	-	150	687	556	-	-	-
G-9	E. C. James	260	Oct. 15, 1937	-	-	71	53	1.0	384	59	17	-	a	390	398	-	-	-
G-10	J. K. Keith	46	Nov. 19, 1937	-	-	160	11	20	537	14	26	-	a	495	447	-	-	-
G-11	Mrs. J. W. Pyland	215	Nov. 11, 1937	-	-	-	-	-	378	58	26	-	a	-	-	-	-	-
G-12	Mrs. N. E. Hughes	170	do.	-	-	74	58	5.0	397	54	36	-	a	422	421	-	-	-
G-14	M. A. Morris	185	Apr. 19, 1938	-	-	60	60	4.0	378	62	17	-	a	392	397	-	-	-
G-15	C. W. Burdett	525	Nov. 11, 1939	-	-	54	36	12	320	26	14	-	.0	300	283	-	-	-
G-16	R. E. New	260	--	-	-	52	61	11	388	60	18	-	.0	393	380	-	-	-
G-17	W. A. Leath	248	Oct. 15, 1937	-	-	66	56	6.0	390	59	20	-	a	399	395	-	-	-
G-19	J. J. Peterson	Spring	Nov. 11, 1939	-	-	85	19	12	329	25	16	-	a	319	292	-	-	-
G-22	Tom Nance	33	Oct. 19, 1937	-	-	144	18	60	299	24	211	-	a	604	436	-	-	-
G-24	Morton Ranch	400	Apr. 7, 1943	-	-	-	-	-	284	34	7.0	-	-	-	-	-	-	-
G-28	Dan Nance	280	Oct. 18, 1937	-	-	-	-	-	-	11	18	-	29	-	-	-	-	-
G-29	R. R. Williams	270	Oct. 14, 1937	-	-	-	-	-	165	11	9.0	-	a	-	-	-	-	-

Table 4.- Analyses of water from wells and springs in Hays County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO <sub>2</sub> )	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	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
G-30	R. R. Williams	270	Mar. 15, 1943	-	-	60	49	2.1	344	58	9.0	-	0.5	348	351	-	-	-
G-31	A. Capps	280	Nov. 13, 1937	-	-	74	28	3.0	329	18	13	-	a	298	302	-	-	-
G-33	R. R. Williams	500	Nov. 12, 1937	-	-	60	32	9.0	299	33	14	-	a	295	280	-	-	-
G-34	A. Capps	58	Nov. 13, 1937	-	-	-	-	-	305	14	14	-	a	-	-	-	-	-
G-36	H. K. Wilbern	100	--	-	-	48	32	27	342	11	12	-	a	298	250	-	-	-
G-38	Fred Boyett	58	Oct. 15, 1937	-	-	146	39	60	305	51	66	-	320	832	524	-	-	-
G-39	do.	124	do.	-	-	-	-	-	195	35	29	-	a	-	-	-	-	-
G-40	E. S. Allen	85	Nov. 13, 1937	-	-	-	-	-	384	25	16	-	a	-	-	-	-	-
G-41	O. A. Stoepler	41	Oct. 15, 1937	-	-	-	-	-	-	15	22	-	a	-	-	-	-	-
G-44	M. E. Ruby	450	Mar. 15, 1943	-	-	95	78	28	319	331	9.0	-	.2	698	558	-	-	-
G-45	Herman Heep	504	Oct. 15, 1937	-	-	-	-	-	275	11	9.0	-	a	-	-	-	-	-
G-46	Rector Williams	315	Apr. 5, 1943	-	-	-	-	-	318	20	6.0	-	-	-	-	-	-	-
G-47	W. N. Allbright	342	Apr. 6, 1943	-	-	-	-	-	267	22	7.0	-	-	-	-	-	-	-
G-50	J. H. Robinson	300	Nov. 23, 1937	-	-	55	30	4.0	281	21	10	-	a	258	258	-	-	-
G-52	R. Wegner	280	Nov. 24, 1937	-	-	55	23	10	268	16	13	-	a	251	234	-	-	-
G-55	R. Williams	428	Nov. 23, 1937	-	-	100	42	5.0	293	162	13	-	a	471	421	-	-	-
G-56	Mrs. J. T. Taylor	546	June 1951	16	-	44	47	9.9	289	66	14	-	.0	339	304	7	678	8.1
G-57	H. W. Lennie	534	Sept. 14, 1953	-	-	-	-	-	366	-	23	-	-	-	1,170	-	2,480	7.7
G-58	Mose A. Smith	500	Sept. 28, 1953	10	-	100	39	7.8-1.4	330	122	15	-	14	491	410	4	654	8.0
H-2	C. C. Mitchell	436	--	-	-	-	-	-	323	11	15	-	a	-	-	-	-	-
H-4	Otto Welge	290	Oct. 17, 1937	-	-	68	18	10	268	22	17	-	a	267	246	-	-	-
H-5	E. H. Tarbutton	148	Oct. 22, 1937	-	-	65	12	6.0	214	25	17	-	a	230	213	-	-	-
H-6	Katie F. Smith	125	--	-	-	58	17	9.0	226	22	19	-	a	236	216	-	-	-
H-8	City of Kyle	336	Sept. 3, 1953	11	.57	48	33	15	267	47	14	-	.5	306	256	11	542	7.7
H-10	C. C. Houston	24	Oct. 2, 1937	-	-	-	-	-	293	24	13	-	a	-	-	-	-	-
H-10	do.	24	Sept. 3, 1953	10	-	195	4.8	27	228	40	60	-	311	760	506	10	1,170	7.0
H-11	do.	324	do.	12	.02	60	37	18	276	82	15	-	9.0	388	302	11	635	7.5
H-12	H. R. Todd	23	Oct. 2, 1937	-	-	410	23	95	403	62	260	-	700	1,750	1,120	-	-	-
H-13	do.	277	do.	-	-	67	29	30	293	74	26	-	a	370	288	-	-	-
H-13	do.	277	Sept. 3, 1953	13	.02	55	35	24	287	69	18	-	1.2	368	281	16	626	7.4
H-14	Hobart Schwab	300	Sept. 1, 1945	12	.49	45	34	40	272	69	25	3.6	.0	367	252	26	601	8.2
H-16	Mrs. O. G. Parke, Sr.	300	do.	12	.15	54	35	37	286	70	25	3.2	.0	380	279	18	634	7.7
H-18	Roy B. Brooks	385	do.	11	.15	66	40	58	296	138	36	3.6	.2	509	329	24	802	7.9
H-19	City of Kyle	765	Oct. 28, 1949	13	.02	72	43	17-5.2	283	129	22	3.6	.0	490	356	9	725	7.6
H-21	do.	595	Nov. 2, 1945	17	1.1	80	45	52	278	172	46	3.6	.2	591	384	16	985	7.4
H-23	Nicholas Thiele	372	Sept. 15, 1937	-	-	75	44	146	268	350	70	-	a	817	367	-	-	7.9
H-25	Ed Cullen	600	Aug. 26, 1952	15	-	139	94	426	260	513	642	2.8	.2	1,960	734	56	3,300	7.6
H-26	-- Hill	Spring	Nov. 25, 1938	-	-	124	6.4	39	272	44	83	-	43	473	336	20	-	-

Table 4.- Analyses of water from wells and springs in Hays County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO <sub>2</sub> ) (Fe)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	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 (microhmhos at 25°C)	pH
H-31	W. W. Patterson	19	Nov. 10, 1937	-	-	180	16	92	397	133	116	-	108	840	515	-	-	-
H-32	Geo. Heidenrich	13	Jan. 19, 1954	11	.06	79	2.5	6.2	202	14	9.2	-	39	273	207	6	438	8.5
H-35	O. R. Patterson	23	Sept. 18, 1937	-	-	95	4.0	16	195	11	25	-	100	347	252	-	-	-
H-37	O. G. Parke	512	Sept. 3, 1953	12	.18	159	102	469-17	288	491	780	3.6	.0	2,180	816	55	3,580	7.4
H-38	Roy Michael	121	Sept. 15, 1937	-	-	-	-	-	360	44	37	-	a	-	-	-	-	-
H-43	E. N. Cason	121	do.	-	-	-	-	-	244	22	21	-	a	-	-	-	-	-
H-44	D. E. Mitchell	160	Jan. 19, 1954	12	.04	94	14	3.5	345	5.1	6.5	-	5.5	312	292	3	545	8.6
H-45	Joe Freeman	249	Oct. 18, 1937	-	-	-	-	-	275	124	11	-	a	-	-	-	-	-
H-47	do.	186	Apr. 5, 1943	-	-	-	-	-	305	91	14	-	-	-	-	-	-	-
H-52	L. B. McClanahan	33	Sept. 18, 1937	-	-	437	21	149	195	80	424	-	-	-	1,180	-	-	-
H-53	J. L. Sawyer	37	Sept. 14, 1937	-	-	69	12	19	189	20	20	-	76	309	223	-	-	-
H-56	Harry Neuse	11	Sept. 18, 1937	-	-	153	2.0	38	464	40	24	-	23	508	392	-	-	-
H-59	W. N. Goforth	Spring	Oct. 4, 1937	-	-	-	-	-	262	27	29	-	a	-	-	-	-	-
H-62	F. G. Avey	42	Sept. 14, 1937	-	-	158	16	15	232	113	102	-	50	568	460	-	-	-
H-63	H. H. Butz	22	do.	-	-	128	10	24	293	44	62	-	50	462	361	-	-	-
H-65	A. B. Rogers Estate	Spring	May 16, 1947	11	.05	90	20	12	234	19	22	.8	3.0	349	306	5	602	7.2
H-67 and H-68	City of San Marcos	-	Nov. 11, 1945	12	.05	88	18	13	314	23	22	.4	4.3	337	294	5	537	7.0
H-73	Tex Hughson	282	Oct. 5, 1937	-	-	-	-	-	275	73	10	-	a	-	-	-	-	-
H-74	City of San Marcos	280	do.	-	-	92	46	3.0	293	142	26	-	a	453	419	-	-	-
H-75	E. Brooks	176	do.	-	-	-	-	-	-	15	15	-	a	-	-	-	-	-
H-76	John Avey	204	Apr. 6, 1943	-	-	-	-	-	314	4.0	6.0	-	-	-	-	-	-	-
H-82	Mrs. R. L. Jennings	560	Oct. 4, 1937	-	-	-	-	-	-	197	204	-	a	-	-	-	-	-
H-83	J. A. Clayton	90	Sept. 27, 1937	-	-	-	-	-	311	40	30	-	a	-	-	-	-	-
H-84	J. B. Netherland	250	Sept. 29, 1937	-	-	98	18	10	305	40	36	-	a	352	321	-	-	-
H-86	O. N. Edge	143	Sept. 27, 1937	-	-	115	45	180	275	212	285	-	20	992	473	-	-	-
H-87	R. G. Fourquarean	21	do.	-	-	-	-	-	110	84	50	-	a	287	-	-	-	-
H-89	Mrs. Ethel Mercer	45	Jan. 19, 1954	11	.06	77	20	13	299	27	18	-	9.9	330	274	9	581	8.5
H-92	W. R. Henk	20	do.	11	.02	60	6.6	18	187	16	24	-	15	248	177	18	433	8.3
H-93	Mrs. Carrie H. Crawford	36	Oct. 1, 1937	-	-	-	-	-	427	15	32	-	a	-	-	-	-	-
H-96	-- Fehlis	200	Sept. 27, 1937	-	-	76	26	17	256	59	44	-	a	348	296	-	-	-
H-97	Ruth Jackson	21	Sept. 29, 1937	-	-	124	32	284	427	323	235	-	50	1,260	440	-	-	-
H-99	Southwest Texas State Teachers College	234	do.	-	-	-	-	-	275	95	36	-	a	-	-	-	-	-
H-100	W. C. McCarty	240	--	-	-	60	15	15	250	18	13	-	a	244	209	-	-	-
H-101	E. B. McCormick	188	Sept. 29, 1937	-	-	117	52	5.0	284	153	3.0	-	a	546	507	-	-	-
H-102	Herbert Goehring	131	Sept. 27, 1937	-	-	-	-	-	305	40	36	-	a	-	-	-	-	-
H-103	R. G. Johnson	229	Oct. 1, 1937	-	-	-	-	-	-	62	56	-	a	-	-	-	-	-
H-104	F. G. Lowman	194	Sept. 27, 1937	-	-	-	-	-	-	88	54	-	120	-	-	-	-	-

Table 4.- Analyses of water from wells and springs in Hays County--Continued

Well	Owner	Depth of well (ft.)	Date of collection	Silica (SiO <sub>2</sub> ) (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na + K)	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
J-1	F. W. Homann	12	Nov. 10, 1937	-	-	-	-	311	231	129	-	22	-	-	-	-	-
J-4	A. F. Garbrecht & Sons	Spring	Feb. 8, 1946	14	114	5.9	15	286	24	21	.6	57	392	309	6	637	7.3
J-5	Fritz Homann	Spring	Nov. 10, 1937	-	107	6.0	51	317	54	40	-	39	453	294	-	-	-
J-7	Herbert Seeliger	45	do.	-	116	3.0	31	183	144	28	-	36	448	302	-	-	-
J-10	Emil Heidenrich	12	Jan. 19, 1954	11	107	4.9	22	260	38	26	-	55	421	287	14	649	8.4
K-1	W. N. Yates	360	Sept. 28, 1937	-	-	-	-	299	205	150	-	a	-	-	-	-	-
K-3	E. L. Williamson	16	do.	-	121	12	40	305	106	56	-	a	485	353	-	-	-
K-4	E. B. Kutcher	187	do.	-	122	57	105	317	238	185	-	a	863	540	-	-	-
K-5	Ewell Jackson	200	Oct. 1, 1937	-	149	68	145	354	277	275	-	a	1,090	652	-	-	-
K-8	Gustav Bierstedt	10	Nov. 11, 1937	-	106	25	208	415	228	160	-	a	947	365	-	-	-
K-11	Claude Harris	16	Oct. 1, 1937	-	75	21	59	183	77	90	-	55	467	273	-	-	-
K-13	David Ramsey	19	Nov. 9, 1937	-	149	23	156	299	220	185	-	89	969	469	-	-	-
K-14	Eddie Meyer	44	Jan. 19, 1954	7.2	44	1.6	4.9	151	2.0	3.8	-	2.5	147	116	8	261	8.2
K-17	Reinhold Bading	17	Nov. 9, 1937	-	150	11	67	378	148	62	-	20	644	422	-	-	-

a - Nitrate less than 20 parts per million.

- b - Includes equivalent of 8 parts per million of carbonate (CO<sub>3</sub>)  
 c - Includes equivalent of 14 parts per million of carbonate (CO<sub>3</sub>)  
 d - Includes equivalent of 11 parts per million of carbonate (CO<sub>3</sub>)  
 e - Includes equivalent of 7 parts per million of carbonate (CO<sub>3</sub>)  
 f - Includes equivalent of 10 parts per million of carbonate (CO<sub>3</sub>)  
 g - Includes equivalent of 3 parts per million of carbonate (CO<sub>3</sub>)  
 h - Includes equivalent of 15 parts per million of carbonate (CO<sub>3</sub>)  
 i - Includes equivalent of 4 parts per million of carbonate (CO<sub>3</sub>)  
 j - Includes equivalent of 9 parts per million of carbonate (CO<sub>3</sub>)