

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-51-808	Paschall & Utz	Katy Drilling Co.	1963	973	20, 12	117	179	Sept. 1963	--	Irr	Casing: 20-in. to 400 ft, 12-in. from 400 ft to bottom. Slotted from 200 ft to bottom. Reported pumping level 268 ft when pumping 2,146 gpm, Sept. 1963. 1/ 2/
809	Flourney well 1	J. A. Gray	1942	4,785	--	117	--	--	--	--	Oil test. 3/
901	Hultquist Bros.	Katy Drilling Co.	1956	702	26, 12	--	--	--	T, Ng, 214	Irr	Casing: 26-in. to 396 ft, 12-in. from 396 ft to bottom. Slotted from 136 ft to bottom. 1/
902	Rolar Watson	Grover Cleveland	1926	80	4	113	32.3 57.8	July 17, 1934 Mar. 25, 1960	C, W	D, S	Observation well. Well 14 in 1943 Jackson County report.
903	Mrs. Roy Shoop	Crowell Bros.	1950	618	18	109	41.9 59.9 75.0	Mar. 25, 1952 Mar. 22, 1960 Mar. 24, 1964	T, Ng, 100	Irr	Casing slotted from 100 ft to bottom. Measured drawdown 50.19 ft after 1 hour pumping 600 gpm, Aug. 7, 1963. Temp. 74°F. 1/
904	do	do	1954	592	14, 12	108	116.9	Aug. 6, 1963	T, Ng, 100	Irr	Casing: 14-in. to 200 ft, 12-in. from 200 ft to bottom. Slotted from 110 ft to bottom. Measured discharge 847 gpm, Aug. 7, 1963. Temp. 74°F. 1/
905	do	do	1952	386	12	109	105.6 74.4	Aug. 6, 1963 Mar. 5, 1964	T, Ng, 100	Irr	Cased to bottom. Slotted from 96 ft to bottom. Measured discharge 574 gpm, Aug. 28, 1963. Drilled to 390 ft, plugged back to 386 ft. Temp. 73°F. 1/
906	Mrs. L. H. Jones	O. E. Mickelson	1945	218	12	107	--	--	T, G, 100	Irr	Casing slotted from 57 ft to bottom.
907	Harry Sharp	Henry Cleveland	1954	355	14, 10	103	--	--	T, --	Irr	Casing: 14-in. to 300 ft, 10-in. from 300 ft to bottom. Slotted from 150 ft to bottom. Drilled to 635 ft, plugged back to 355 ft. 2/
908	do	O. E. Mickelson	1947	350	16, 12	103	60.4	Mar. 22, 1960	C, W	S	Casing: 16-in. to 127 ft, 12-in. from 127 ft to bottom. Slotted from 127 ft to 242 ft. Reported last used for irrigation in 1957. Well has been a windmill and stock well since 1957.
909	do	Leonard Mickelson	1948	317	18, 12, 10	103	--	--	T, --	Irr	Casing: 18-in. to 137 ft, 12-in. from 137 to 219 ft, 10-in. from 219 ft to bottom. Slotted from 132 ft to bottom. Estimated discharge between 700 and 800 gpm. Reported not used for irrigation since 1957. 1/ 2/
910	Trunkline Gas Co.	Henry Cleveland	1954	550	6	111	--	--	T, E, 5	Ind	Screen from 520 ft to bottom. Reported discharge 32 gpm, May 20, 1964.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-66-51-911	Trunkline Gas Co.	Layne-Texas Co.	1960	555	8, 4	111	78	May 1960	T, E, 5	Ind	Casing: 8-in. to 520 ft, 4-in. from 520 ft to bottom. Drawdown 26 ft when pumping 110 gpm, May 11, 1960. <u>1/ 2/</u>
912	Fred Coppert	Audrey McNeil	1909	103	4	102	29.0 35.2	July 17, 1934 Mar. 21, 1950	J, E	D, S	Observation well. Well 56 in 1943 Jackson County report.
52-403	M. G. Johnson	Henry Cleveland	1954	701	20, 12	124	74.1	Mar. 20, 1964	N	N	Casing: 20-in. to 250 ft, 12-in. from 250 ft to bottom. Measured discharge 640 gpm, Aug. 14, 1963. Casing reported collapsed. Temp. 75°F. <u>2/</u>
404	do	Crowell Bros.	1952	612	20, 12	118	--	--	T, Ng, 50	Irr	Casing: 20-in. to 231 ft, 12-in. from 231 ft to bottom. Measured discharge 575 gpm, Aug. 14, 1963. Pump set at 240 ft. Drilled to 672 ft, plugged back to 612 ft. Temp. 75°F. <u>2/</u>
405	do	H. L. Powell	1948	640	20, 12	--	--	--	T, G	Irr	Casing: 20-in. to 160 ft, 12-in. from 160 ft to bottom. Measured discharge 740 gpm, Aug. 14, 1963. Pump set at 220 ft. Temp. 75°F.
406	Joseph Wearden Estate	Crowell Bros.	1949	616	20, 12	--	77.1	Mar. 20, 1964	T, G	Irr	Casing: 20-in. to 196 ft, 12-in. from 196 ft to bottom. Pump set at 195 ft.
* 407	Kenneth Cox	do	1963	960	18, 12, 10	105	77.6	do	T, Ng	Irr	Casing: 18-in. to 300 ft, 12-in. from 300 ft to 667 ft, 10-in. from 667 ft to bottom. Slotted from 280-500, 540-667, 800-960 ft. Drilled to 1,058 ft, plugged back to 960 ft. Pump set at 200 ft. Measured pumping level 205.55 ft after 16 days pumping 1,800 gpm. Recovery 40.05 ft after 1 hour shutdown. Temp. 79°F. <u>2/</u>
408	M. G. Johnson	Katy Drilling Co.	1961	791	20, 12	--	76	Feb. 1961	T, Ng	Irr	Casing: 20-in. to 350 ft, 12-in. from 350 ft to bottom. Slotted from 191 ft to bottom. Reported pumping level 164 ft while test pumping 3,088 gpm, Feb. 1961. Measured discharge 1,460 gpm, Aug. 14, 1963. Temp. 76°F. <u>1/</u>
409	do	do	1964	843	20, 12	--	--	--	T, Ng	Irr	Casing: 20-in. to 393 ft, 12-in. from 393 ft to bottom. Slotted from 300 ft to bottom. Drilled to 876 ft, plugged back to 843 ft. <u>1/</u>
701	O. B. Fenner	Crowell Bros.	1958	509	12, 10	109	60	1960	T, G, 55	Irr	Casing: 12-in. to 318 ft, 10-in. from 318 ft to bottom. Slotted from 160 ft to bottom. Reported discharge 1,100 gpm. Drilled to 511 ft, plugged back to 509 ft. <u>1/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-52-702	Joseph Wearden Estate	Henry Cleveland	1950	650	20, 12	--	114.4	Aug. 14, 1963	N	Irr	Casing: 20-in. to 180 ft, 12-in. from 180 ft to bottom. Drilled to 704 ft, plugged back to 650 ft. 2/
703	Louie Mollnar	do	1953	600	20, 12	--	--	--	T,Ng, 150	Irr	Casing: 20-in. to 200 ft, 12-in. from 200 ft to bottom.
704	August Cihal	Katy Drilling Co.	1957	745	18, 12	92	65	Feb. 1957	T,Ng, 125	Irr	Casing: 18-in. to 407 ft, 12-in. from 407 ft to bottom. Slotted from 218 ft to bottom. Measured pumping level 173.67 ft after 4 days pumping 1,190 gpm, Sept. 27, 1963; recovered 30.07 ft after 1-hour shutdown. Temp. 75°F. 1/
705	do	H. L. Powell	1947	812	18, 12	92	54.2 104.4	Mar. 22, 1960 Sept. 25, 1963	N	N	Casing: 18-in. to 100 ft, 12-in. from 100 ft to bottom. Abandoned.
706	do	Katy Drilling Co.	1961	743	20, 12	92	64.8	Mar. 24, 1964	T,Ng	Irr	Casing: 20-in. to 514 ft, 12-in. from 514 ft to bottom. Slotted from 180 ft to bottom. Measured pumping level 183.50 ft after 1 day pumping 1,770 gpm, Sept. 25, 1963; recovered 42.90 ft after 1-hour shutdown. Drilled to 812 ft, plugged back to 743 ft. Temp. 75°F. 1/
707	do	Otto Mickelson	1946	290	20, 12	92	59.2	Sept. 25, 1963	N	N	Casing: 20-in. to 100 ft, 12-in. from 100 ft to bottom. Slotted from 90 ft to bottom. Abandoned.
708	do	do	1946	290	20, 12	92	93.8	do	N	N	Do.
801	Elmer D. Johnson	Henry Cleveland	1954	620	20	90	60	1959	T,Ng, 125	Irr	Cased to bottom. Slotted from 135 ft to bottom. Pump set at 150 ft. Measured pumping level 160.0 ft while discharging 1,740 gpm, Oct. 9, 1963. Temp. 76°F. 2/
903	C. F. Spenser	Crowell Bros.	1956	214	13, 12	--	--	--	T,Ng, 70	Irr	Casing: 13-in. to 61 ft, 12-in. from 61 ft to bottom. Slotted from 52 ft to bottom. Drilled to 238 ft, plugged back to 214 ft. 1/
904	J. H. McColloch	Thomas & Paine	1922	175	24, 9	87	38.5 48.1	July 23, 1934 Mar. 22, 1960	N	N	Casing: 24-in. to 50 ft, 9-in. from 50 ft to bottom. Abandoned.
905	Pat Smidt	Layne-Texas Co.	1948	369	18, 13, 12	86	40	May 1948	T,Ng, 66	Irr	Casing: 18-in. to 249 ft, 13-in. from 249 to 309 ft, 12-in. from 309 ft to bottom. Reported drawdown 49 ft after pumping 3,000 gpm, May 20, 1948. Drilled to 373 ft, plugged back to 369 ft. 1/

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-52-906	Pat Smidt	Crowell Bros.	1954	708	16, 12	86	--	--	T,Ng, 50	Irr	Casing: 16-in. to 188 ft, 12-in. from 188 ft to bottom. Slotted from 106-246, 302-324, 346-367, 414-603, 625-665, and 685-708 ft. Drilled to 934 ft, plugged back to 708 ft. <u>2/</u>
907	Rudolph Skalicky	do	1963	490	--	90	70.9 52.9	Aug. 8, 1963 Mar. 3, 1964	T,Ng	Irr	Casing: 18-in. to 145 ft, 16-in. from 145 ft to bottom. Slotted from 130 ft to bottom. Measured drawdown 46.88 ft after 1 hour discharging 1,475 gpm, Aug. 8, 1963. Pump set at 110 ft. <u>1/</u>
57-303	George Musselman	Henry Cleveland	1948	675	22, 18	--	--	--	T,Ng	Irr	Casing: 22-in. to 200 ft, 18-in. from 200 ft to bottom. Slotted from 200 ft to bottom. Measured discharge 790 gpm, Aug. 29, 1963. Pump set at 190 ft. Temp. 76°F.
304	do	--	--	--	3	--	49.3	Oct. 2, 1963	C,W	S	
602	do	Henry Cleveland	1948	675	22, 18	--	83.4	Mar. 13, 1964	T,Ng	Irr	Casing: 22-in. to 200 ft, 18-in. from 200 ft to bottom. Measured discharge 1,080 gpm, Aug. 29, 1963. Pump set at 190 ft. Temp. 77°F.
603	J. T. Herin	Leonard Mickelson	1950	763	20, 12	115	95	1960	T,Ng, 180	Irr	Casing: 20-in. to 201 ft, 12-in. from 201 ft to bottom. Slotted from 136 ft to bottom. Pump set between 180 and 200 ft. Drilled to 903 ft, plugged back to 763 ft. <u>1/</u>
604	do	do	1951	664	20, 16, 12	--	95	1960	T,Ng, 160	Irr	Casing: 20-in. to 196 ft, 16-in. from 196 to 296 ft, 12-in. from 296 ft to bottom. Slotted from 135 ft to 661 ft.
58-101	-- McDaniel well 1	Sun Oil Co.	1954	10,002	--	116	--	--	--	--	Oil test. <u>3/</u>
* 301	Paul Henderson	Leonard Mickelson	1958	744	20, 12	115	127.1 80.1	Oct. 1, 1963 Mar. 10, 1964	T,Ng, 160	Irr	Casing: 20-in. to 302 ft, 12-in. from 302 ft to bottom. Slotted from 202 ft to bottom. Measured pumping level 200.18 ft while discharging 1,350 gpm, Aug. 14, 1963. Temp. 76°F. <u>1/</u>
401	J. T. Herin	do	1951	660	20, 16, 12	116	95	1960	T,Ng, 160	Irr	Casing: 20-in. to 201 ft, 16-in. from 201 to 308 ft, 12-in. from 308 to 655 ft. Slotted from 138 ft to 658 ft. <u>1/</u>
402	do	do	1951	702	20, 12	117	95	1960	T,Ng, 180	Irr	Casing: 20-in. to 200 ft, 12-in. from 200 to 702 ft. Slotted from 160 to 699 ft. Drilled to 743 ft, plugged back to 702 ft. <u>1/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-58-403	J. T. Herin	Leonard Mickelson	1954	780	20, 16, 14, 12, 10	--	95	1960	T,Ng, 160	Irr	Casing: 20-in. to 174 ft, 16-in. from 174 to 285 ft, 14-in. from 285 to 466 ft, 12-in. from 466 to 687 ft, 10-in. from 687 to 780 ft. Slotted from 130 ft to bottom. Drilled to 997 ft, plugged back to 780 ft. <u>1/</u>
* 404	do	do	1950	733	20, 16, 12	113	49.6	Mar. 23, 1960	T,Ng, 180	Irr	Casing: 20-in. to 203 ft, 16-in. from 203 to 307 ft, 12-in. from 307 ft to bottom. Drilled to 761 ft, plugged back to 733 ft. <u>1/</u>
405	do	do	1960	753	20, 16, 12	106	--	--	T,Ng	Irr	Casing: 20-in. to 228 ft, 16-in. from 228 to 340 ft, 12-in. from 340 ft to bottom. Slotted from 203 to 752 ft. <u>1/</u>
501	Henry Peters well 1	X.Z.L. Oil & Gas Co.	1962	--	--	84	--	--	--	--	Oil test. <u>3/</u>
601	L. A. Arps	Grover Cleveland	1936	76	4	90	29.7 43.1 47.2	Sept. 5, 1936 Mar. 25, 1960 Feb. 11, 1964	N	N	Observation well. Well 306 in 1943 Jackson County report. Abandoned domestic and stock well.
* 602	Mrs. M. H. Shropshire	--	--	48	4	75	43.3 42.2	Aug. 24, 1939 Mar. 21, 1950	N	N	Formerly used as observation well. Well 7 in 1943 Jackson County report. Abandoned domestic and stock well.
* 801	Homer Glaze	Leonard Mickelson	1951	665	20, 12, 10	89	--	--	T,Ng, 160	Irr	Casing: 20-in. to 201 ft, 12-in. from 201 to 552 ft, 10-in. from 552 ft to bottom. Slotted from 133 ft to 663 ft. Measured pumping level 173.65 ft after 21 days pumping 1,250 gpm, Aug. 30, 1963; recovered 40.20 ft after 1-hour shutdown. Temp. 77°F. <u>1/</u>
802	Chester Hicks	H. L. Powell	1949	585	18, 12	83	98	1959	T,Ng, 14	Irr	Casing: 18-in. to 150 ft, 12-in. from 150 ft to bottom. Slotted from 150 ft to bottom. Pump set at 170 ft. Measured discharge 927 gpm, Aug. 28, 1963. Temp. 76°F.
901	Koop Bros.	Leonard Mickelson	1954	699	20, 16, 14, 12	94	--	--	T,Ng, 295	Irr	Casing: 20-in. to 201 ft, 16-in. from 201 to 316 ft, 14-in. from 316 to 503 ft, 12-in. from 503 ft to bottom. Slotted from 161 to 698 ft. <u>1/</u>
902	do	do	1954	657	20, 16, 14, 12	91	--	--	T,Ng, 295	Irr	Casing: 20-in. to 202 ft, 16-in. from 202 to 322 ft, 14-in. from 322 to 506 ft, 12-in. from 506 ft to bottom. Slotted from 160 ft to bottom. <u>1/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-58-903	Koop Bros.	Leonard Mickelson	1954	695	20, 16, 14, 12	91	49.6 52.4 65.5	Mar. 20, 1956 Mar. 23, 1960 Mar. 21, 1964	T,Ng, 295	Irr	Casing: 20-in. to 200 ft, 16-in. from 200 to 321 ft, 14-in. from 321 to 560 ft, 12-in. from 560 ft to bottom. Slotted from 205 ft to bottom. Measured pumping level 162.18 ft after 3 days pumping 1,400 gpm, July 7, 1955; recovered 50.48 ft 1 hour after shutdown. Observation well. Temp. 76°F. <u>1/ 4/</u>
* 59-201	L. R. Hollingworth	Katy Drilling Co.	1954	934	20, 12	107	76	Mar. 1954	T,Ng, 100	Irr	Casing: 20-in. to 326 ft, 12-in. from 326 ft to bottom. Slotted from 182 ft to bottom. Reported drawdown 614 ft after pumping 2,800 gpm, Mar. 1954. <u>1/</u>
202	C. E. Glaze	Leonard Mickelson	1955	873	22, 12	96	68.4	Mar. 23, 1964	T,Ng	Irr	Casing: 22-in. to 300 ft, 12-in. from 300 ft to bottom. Slotted from 200 ft to bottom. <u>1/</u>
301	R. H. Thomas, Sr.	H. L. Powell	1947	747	18, 12	96	149.3	Aug. 13, 1963	N	Irr	Casing: 18-in. to 200 ft, 12-in. from 200 ft to bottom. Slotted from 180 ft to bottom. <u>1/</u>
302	Ben R. Arnold	Leonard Mickelson	1954	348	16, 12, 10	94	--	--	T,Ng, 50	Irr	Casing: 16-in. to 212 ft, 12-in. from 212 to 288 ft, 10-in. from 288 ft to bottom. Slotted from 84 ft to bottom. Measured discharge 735 gpm, Aug. 13, 1963. Temp. 74°F. <u>1/</u>
* 303	Mrs. W. F. Germer	Henry Cleveland	1950	575	16	85	67.3	Mar. 5, 1964	T,Ng, 800	Irr	Cased to bottom. Slotted from 70 ft to bottom. Measured pumping level 152.39 ft after 2 weeks discharging 1,427 gpm, Sept. 4, 1963; recovered 31.25 ft after 1-hour shutdown. Pump set at 175 ft. Temp. 74°F. <u>2/</u>
304	Clark Farms	--	1946	650	14	89	38.5 57.6 67.6	Mar. 22, 1949 Mar. 22, 1960 Mar. 5, 1964	N	Irr	Observation well. <u>4/</u>
* 305	S. G. Drushel	--	1918	68	4	90	35.9 41.3	July 17, 1934 Mar. 22, 1955	N	N	Formerly used as observation well. Well 57 in 1943 Jackson County report. Abandoned domestic and stock well.
307	C. H. Sample	Leonard Mickelson	1948	574	16, 12	90	--	--	T,Ng, 70	Irr	Casing: 16-in. to 105 ft, 12-in. to bottom. Slotted from 105 ft to bottom. Measured discharge 490 gpm, Aug. 6, 1963. Temp. 77°F. <u>1/</u>
* 308	R. H. Thomas, Sr.	Katy Drilling Co.	1963	755	20, 12	98	72.1	Mar. 5, 1964	T,G	Irr	Casing: 20-in. to 304 ft, 12-in. from 304 ft to bottom. Slotted from 221 ft to bottom. Pump set at 200 ft. Measured discharge 1,490 gpm, Aug. 14, 1963. Drilled to 816 ft, plugged back to 755 ft. <u>1/</u>
309	P. F. Kubecka well 1	Humble Oil & Refining Co.	1954	--	--	92	--	--	--	--	Oil test. <u>3/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-59-401	J. L. Shepherd	J. L. Shepherd	--	40	4	95	36.8 33.8	July 14, 1934 Apr. 26, 1945	N	N	Formerly used as observation well. Destroyed. Well 12 in 1943 Jackson County report.
* 501	Noel D. Clark	Crowell Bros.	1951	666	16, 12	90	52.1 63.7	Mar. 23, 1960 Mar. 10, 1964	T,G, 150	Irr	Casing: 16-in. to 232 ft, 12-in. from 232 ft to bottom. Slotted from 153 ft to bottom. Measured pumping level 144.45 ft, discharging 1,800 gpm, Aug. 6, 1963. Drilled to 817 ft, plugged back to 666 ft. Temp. 74°F. <u>2/</u>
601	Clark Farms	do	1958	843	20, 12, 10	84	55.4 68.2	Mar. 22, 1960 Mar. 11, 1964	T,Ng, 200	Irr	Casing: 20-in. to 250 ft, 12-in. from 250 to 650 ft, 10-in. from 650 ft to bottom. Slotted from 250-400 ft, 420-500 ft, 530-650 ft, and 675 ft to bottom. Measured pumping level 157.13 ft while discharging 1,528 gpm, Aug. 20, 1963; recovered 33.10 ft after 1-hour shutdown. Pump set at 200 ft. Temp. 81°F. <u>2/</u>
* 701	Harrison Stafford	Henry Cleveland	1951	581	20, 12	79	--	--	T,Ng, 180	Irr	Casing: 20-in. to 200 ft, 12-in. from 200 ft to bottom. Slotted from 200 ft to bottom. Measured discharge 733 gpm, Sept. 10, 1963. Pump set at 150 ft. Temp. 75°F. <u>2/</u>
702	Otto Michalke	do	1950	375	12	78	60	1959	N	Irr	Cased to bottom.
802	Ben N. Good well 1	H. H. Howell, C. J. Cox, H. B. Rudman, et al.	1960	5,478	--	77	--	--	--	--	Oil test. <u>3/</u>
* 901	Joe Hafernick	Leonard Mickelson	1955	630	16, 12	77	95.2 65.4	Sept. 26, 1963 Mar. 11, 1964	T,Ng, 135	Irr	Casing: 16-in. to 200 ft, 12-in. from 200 ft to bottom. Slotted from 183 to 628 ft. Measured pumping level 144.2 ft after 9 days pumping 1,395 gpm, Oct. 4, 1963; recovered 16.30 ft after 1-hour shutdown. Pump set at 140 ft. Temp. 75°F. <u>1/</u>
60-103	August Cihal	Henry Cleveland	1952	530	20, 12	87	106.5	Sept. 24, 1963	T,Ng, 125	Irr	Casing: 20-in. to 120 ft, 12-in. from 120 ft to bottom. Pump set at 200 ft. <u>2/</u>
105	C. H. Sample	A. A. Wunch	1958	500	16	90	--	--	T,Ng, 100	Irr	Cased to bottom. Slotted from 150 ft to bottom. Measured discharge 755 gpm. Pump set at 190 ft. Temp. 76°F.
106	B. J. Skalicky	Crowell Bros.	1961	570	18, 16	88	133.6 66.8	Aug. 13, 1963 Mar. 24, 1964	T,Ng	Irr	Casing: 18-in. to 210 ft, 16-in. from 210 to 570 ft. Screen from 210 ft to bottom. Measured drawdown 38.55 ft after 1 hour pumping 950 gpm, Aug. 13, 1963. Drilled to 584 ft, plugged back to 570 ft. Pump set at 195 ft. Temp. 75°F. <u>1/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-66-60-201	Ganado Farms	Leonard Mickelson	1955	671	20, 16, 14, 12	87	--	--	T,Ng, 200	Irr	Casing: 20-in. to 200 ft, 16-in. from 200 to 301 ft, 14-in. from 301 to 423 ft, 12-in. from 423 ft to bottom. Slotted from 154 ft to bottom. Measured pumping level 136.8 ft after discharging 2,320 gpm, for 12 days, Aug. 16, 1963; recovered 32.05 ft after 1-hour shutdown. Temp. 74°F. 1/
202	J. H. McCulloch	--	--	200	24, 10	79	--	--	N	Irr	Old well.
* 203	Mike Thellman	Thomas & Paine	1918	190	24, 9	78	52.8	Sept. 26, 1963	N	Irr	Casing: 24-in. to 60 ft, 9-in. from 60 ft to bottom. Temp. 73°F.
* 205	M. W. Mauritz	Burt Well Service	1960	224	16	83	56.4 56.4 51.1	Aug. 13, 1963 Aug. 22, 1963 Mar. 3, 1964	T,Ng	Irr	Cased to bottom. Slotted from 97 ft to bottom. Pump set at 120 ft. Measured drawdown 30.74 ft after 1 hour pumping 2,080 gpm, Aug. 22, 1963. 1/
206	Frank Skalicky	Leonard Mickelson	1963	258	18, 12	78	--	--	T,Ng	Irr	Casing: 18-in. to 158 ft, 12-in. from 158 ft to bottom. Slotted from 120-156 ft, 171-201 ft, and 211-257 ft. 1/
301	C. F. Spenser	Crowell Bros.	1958	238	12, 10	86	--	--	T,Ng, 70	Irr	Casing: 12-in. to 175 ft, 10-in. from 175 ft to bottom. Slotted from 70-100 ft, 120-175 ft, 190-195 ft, and 208 ft to bottom. Drilled to 254 ft, plugged back to 238 ft. 1/
302	Rudolph Skalicky	Leonard Mickelson	1957	360	18, 12	82	--	--	T,Ng, 95	Irr	Casing: 18-in. to 252 ft, 12-in. from 252 ft to bottom. Slotted from 114-289 ft, and 310-359 ft. Pump set at 130 ft. Temp. 74°F. 1/
* 303	Dave Lindquist	Thomas & Paine	--	280	24, 10	81	47.8	Mar. 22, 1960	T,G, 65	Irr	Casing: 24-in. to 60 ft, 10-in. from 60 ft to bottom. Temp. 72°F.
304	George Carstens	M. Ricks	--	252	24, 10	81	45.8	do	T,G, 40	Irr	Casing: 24-in. to 60 ft, 10-in. from 60 ft to bottom. Old well. 4/
305	A. B. Sherrill	Chris Redman	1908	145	24, 9	79	--	--	T,G, 55	Irr	Casing: 24-in. to 50 ft, 9-in. from 50 ft to bottom.
306	Arnold Johnson	Leonard Mickelson	1956	224	18, 12	77	--	--	T,Ng, 75	Irr	Casing: 18-in. to 106 ft, 12-in. from 106 ft to bottom. Slotted from 70-222 ft. 1/
307	do	-- Ricks	--	210	20, 10	78	--	--	C,W	S	Casing: 20-in. to 55 ft, 10-in. from 55 ft to bottom. Slotted from 55 ft to bottom. Discontinued use for irrigation.
308	Charles F. Smith	Crowell Bros.	1953	212	12	77	55	1960	T,G, 65	Irr	Cased to bottom. Slotted from 69-200 ft. Pump set at 170 ft. Drilled to 212 ft, plugged back to 200 ft. 1/

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-60-310	Ganado Farms	--	1910	272	24, 10	81	--	--	C,W	S	Casing: 24-in. to 60 ft, 10-in. from 60 ft to bottom. Reported not used for irrigation since 1948.
311	O. E. Gallow	Leonard Mickelson	1961	245	20, 12	87	--	--	T,Ng	Irr	Casing: 20-in. to 120 ft, 12-in. from 120 ft to bottom. Slotted from 80-243 ft. Drilled to 254 ft, plugged back to 245 ft. <u>1/</u>
401	Clark Farms	O. E. Mickelson	1944	286	12	82	48.1	Mar. 22, 1960	N	N	Abandoned. Casing collapsed. <u>4/</u>
402	do	do	1944	289	12	81	99.7	Aug. 6, 1963	T,Ng, 80	Irr	Cased to bottom. Slotted 117 ft. Pump set at 110 ft. Measured pumping level 168.53 ft, Aug. 13, 1963.
* 403	E. T. Rose	Crowell Bros.	1963	830	20, 12, 10	82	78	Apr. 1963	T,Ng, 160	Irr	Casing: 20-in. to 250 ft, 12-in. from 250 to 650 ft, 10-in. from 650 ft to bottom. Slotted from 250-430 ft, 450-690 ft, and 750 ft to bottom. Reported drawdown 82 ft after 40 hours pumping 2,500 gpm, Apr. 16, 1963. Drilled to 850 ft, plugged back to 830 ft. Pump set at 200 ft.
501	M. W. Mauritz	--	--	200	24, 9	77	35.1 59.2 51.4	Mar. 22, 1960 Sept. 27, 1963 Mar. 3, 1964	T,G, 40	Irr	Old well. Casing: 24-in. to 50 ft, 9-in. from 50 ft to bottom. Screened from 50 ft to bottom.
502	Ben F. Jurasek	Henry Lane	1953	235	20, 10	75	48	1959	T,G, 90	Irr	Casing: 20-in. to 60 ft, 10-in. from 60 ft to bottom. Slotted from 60 ft to bottom. Pump set at 130 ft.
503	Frank Skalicky	Leonard Mickelson	1954	382	18, 14	74	--	--	T,G, 87	Irr	Casing: 18-in. to 200 ft, 14-in. from 200 ft to bottom. Slotted from 125 ft to bottom. Measured discharge 1,815 gpm, Aug. 1, 1963. Temp. 75°F. <u>1/</u>
* 504	Mrs. Lizzie Wilbeck	--	1914	56	4	75	37.3 40.4	July 29, 1934 Mar. 23, 1954	N	N	Bored well. Formerly used as observation well. Well 103 in 1943 Jackson County report.
* 505	M. W. Mauritz	Crowell Bros.	1962	316	14	77	63.6 53.0	Aug. 1, 1963 Mar. 3, 1964	T,Ng	Irr	Cased to bottom. Slotted from 135 ft to bottom. Measured drawdown 34.70 ft after 1 hour pumping 1,560 gpm, Aug. 1, 1963. Pump set at 120 ft. Drilled to 397 ft, plugged back to 316 ft. Temp. 74°F. <u>1/</u>
506	W. P. Jackson Estate well 2	H. H. Howell & M. B. Rudman, et al.	1957	6,012	--	66	--	--	--	--	Oil test. <u>3/</u>
601	A. L. Cospar	--	1939	87	3	72	28.5 41.4 42.1	Mar. 8, 1940 Mar. 25, 1960 Feb. 12, 1964	C,W	D,S	Observation well. Well 322 in 1943 Jackson County report.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-60-602	Richard Hahn	--	--	--	24, 10	76	--	--	N	Irr	Old well. Reported not used since 1956.
* 603	M. W. Mauritz	O. E. Mickelson	1944	274	20, 12	73	48.3 45.2	July 31, 1963 Mar. 3, 1964	T,Ng, 60	Irr	Casing: 20-in. to 108 ft, 12-in. from 108 ft to bottom. Slotted from 64 ft to bottom. Pump set at 120 ft. Measured drawdown 40.71 ft after 1 hour pumping 791 gpm, July 31, 1963. Temp. 73°F.
w 604	J. W. Phillips	--	--	250	24, 10	69	--	--	T,Ng, 60	Irr	Old well. Casing: 24-in. to 50 ft, 10-in. from 50 ft to bottom. Reported not used since 1960.
605	M. W. Mauritz	--	1904	140	24, 9	68	43.6 43.1 45.0	Aug. 27, 1963 Apr. 11, 1964 July 31, 1964	N	Irr	Casing: 24-in. to 47 ft, 9-in. from 47 ft to bottom. Slotted from 47 ft to bottom.
606	Barry Kuhlman	H. L. Powell	1952	220	16, 12	77	--	--	T,Ng, 90	Irr	Casing: 16-in. to 180 ft, 12-in. from 180 ft to bottom. Slotted from 115 ft to bottom.
607	Sugarland Fig Growers' Assn.	--	1925	516	4	63	27.6 33.3	July 5, 1934 Mar. 25, 1952	N	N	Formerly used as observation well. Wells 108 and 108-a in 1943 Jackson County report.
608	Joe Hafernick	Crowell Bros.	1957	236	--	77	50 48.5	1959 Mar. 3, 1964	T,G, 65	Irr	Cased to bottom. Slotted from 122 ft to bottom. Measured pumping level 99.5 ft after 9 days pumping 985 gpm, Sept. 27, 1963; recovered 44.40 ft after 1-hour shutdown. Pump set at 100 ft. Temp. 74°F. <u>1</u>
609	do	--	--	180	24, 9	77	56.4	Sept. 18, 1963	N	N	Casing: 24-in. to 42 ft, 9-in. from 42 ft to bottom. Old well. Abandoned.
610	Arthur Lind	Leonard Mickelson	1963	202	12	75	--	--	T,G	Irr	Casing: 12-in. to bottom. Slotted from 92 ft to bottom. Reported test pumped 700 gpm, July 15, 1963. Pump set at 120 ft. <u>1</u>
611	Ganado Flying Service	Crowell Bros.	1962	141	4	74	--	--	T,E, 1	D	Reported discharge 15 gpm, July 11, 1962. Pump set at 110 ft. <u>1</u>
612	M. W. Mauritz	Dan Hamond	1952	109	3	67	--	--	J,E	D	Screen from 103 ft to bottom.
* 701	E. T. Rose	Grover Cleveland	--	63	4	69	35.6 37.4 36.6	July 27, 1934 Mar. 25, 1960 Feb. 11, 1964	N	N	Observation well. Well 66 in 1943 Jackson County report. Abandoned. <u>4</u>
702	C. H. Sample	H. L. Powell	1950?	595	16, 12	72	--	--	T,Ng, 150	Irr	Casing: 16-in. to 140 ft, 12-in. from 140 ft to bottom.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-66-60-703	M. T. Simons, Jr.	Leonard Mickelson	1953	515	20, 12	68	43 68.7	1959 Aug. 20, 1963	T,Ng	Irr	Casing: 20-in. to 249 ft, 12-in. from 249 ft to bottom. Slotted from 132-150 ft, 167-216 ft, and 262-513 ft. Measured pumping level 139.82 ft after 8 hours discharging 1,590 gpm, Aug. 21, 1963; recovered 62.62 ft after 1-hour shutdown. Temp. 73°F. $\frac{1}{2}$
* 704	Maxine Weeks Harrison	O. E. Mickelson	1941	506	20, 12	66	45.7 48.7	Mar. 22, 1960 Mar. 12, 1964	T,Ng, 125	Irr	Cased to bottom. Slotted from 103 ft to bottom. Temp. 74°F. $\frac{1}{2}$
* 705	Annie Oliver	--	--	50	4	73	29.0 37.7	July 27, 1934 Apr. 1, 1959	C,W	D,S	Formerly used as observation well. Well 69 in Jackson County report. Old well.
* 706	M. T. Simons, Jr.	--	--	102	3	67	52.1	Oct. 1, 1963	C,W	S	
801	do	-- Rose	1956	77	3	59	38.6	Aug. 21, 1963	C,W	S	
* 901	City of Ganado	McMasters & Pomeroy	1937	267	6	63	--	--	T,E, $7\frac{1}{2}$	P	Cased to bottom. Screen from 224 ft to 256 ft. Reported discharge 169 gpm in 1942. Well 326 in 1943 Jackson County report. Temp. 74°F.
* 902	do	Henry Cleveland	1946	1,291	6, 5	63	23.1	Oct. 10, 1955	T,E, 10	P	Casing: 6-in. to 1,154 ft, 5-in. from 1,154 ft to bottom. Slotted from 1,185-1,193 ft, 1,200-1,212 ft, and 1,230 ft to bottom. Pump set at 120 ft. $\frac{1}{2}$
* 903	do	Crowell Bros.	1953	1,291	10, 8, 6	63	22	1955	T,E, 30	P	Casing: 10-in. to 226 ft, 8-in. from 226 to 1,215 ft, 6-in. from 1,215 ft to bottom. Screened from 1,187 to 1,285 ft. Measured discharge 250 gpm, Oct. 19, 1955. Pump set at 150 ft. $\frac{1}{2}$
904	G. H. Marx	Charles Chase	1957	170	12	62	--	--	T,G, 42	Irr	Cased to bottom. Slotted from 70 ft to bottom.
905	R. A. Hanson	do	1956	200	12	61	43	1960	T,Ng, 115	Irr	Cased to bottom. Slotted from 85 ft to bottom.
61-102	Dave Linquist	Crowell Bros.	1953	307	18	--	--	--	T,G, 110	Irr	Cased to bottom. Slotted from 93 to 307 ft. Drilled to 404 ft, plugged back to 307 ft. $\frac{1}{2}$
206	Joe Krenek	do	1962	550	20, 16, 12	--	--	--	T,E	Irr	Casing: 20-in. to 152 ft, 16-in. from 152 to 192 ft, 12-in. from 192 ft to bottom. Slotted from 155-392 ft, 432 ft to bottom. Reported test pumped 3,040 gpm, Feb. 1962. Pump set at 130 ft. $\frac{1}{2}$

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-61-401	M. W. Mauritz	--	--	200	24, 9	68	50.6 43.7	July 30, 1963 Mar. 3, 1964	T, Ng, 40	Irr	Old well. Casing: 24-in. to 50 ft, 9-in. from 50 ft to bottom. Screened from 50 ft to bottom. Measured pumping level 86.15 ft while discharging 570 gpm, Aug. 8, 1963. Temp. 74°F. Casing: 24-in. to 50 ft, 10-in. from 50 ft to bottom.
402	Jesse L. Knopp	Layne & Bowler	1909	266	24, 10	--	35	1959	T, G, 23	Irr	
403	M. W. Mauritz	--	--	175	24, 10	66	41.5 40.0	Mar. 22, 1960 Mar. 20, 1964	T, Ng, 60	Irr	Old well. Casing: 24-in. to 50 ft, 10-in. from 50 ft to bottom. Pump set at 50 ft. Measured discharge 1,050 gpm, July 30, 1963. Temp. 73°F.
404	do	Sam Harrison Oil Co.	1954	1,300	10	--	--	--	Ng, 40	Irr	Drilled to 6,000 ft, plugged back to 1,300 ft. Perforated from 600 to 1,100 ft.
405	A. J. Calaway	Ricks Bros.	1908	250	24, 10	--	--	--	T, Ng, 50	Irr	Casing: 24-in. to 45 ft, 10-in. from 45 ft to bottom. Slotted from 45 ft to bottom.
406	V. J. Hlavinka	H. L. Powell	1957	275	12	--	--	--	T, G, 57	Irr	Cased to bottom. <u>1/</u>
603	Joe Heard	Crowell Bros.	1952	331	16, 12	--	--	--	T, Ng	Irr	Casing: 16-in. to 127 ft, 12-in. from 127 ft to bottom. Slotted from 127 ft to bottom. <u>1/</u>
701	I. T. Taylor	do	1952	207	10	--	--	--	T, Ng, 50	Irr	Cased to bottom. Slotted from 54 ft to bottom. <u>1/</u>
702	M. W. Mauritz	George Burt	1958	315	16	62	50.6 44.2	Aug. 30, 1963 Mar. 3, 1964	T, Ng, 100	Irr	Cased to bottom. Slotted from 127 ft to bottom. Pump set at 130 ft. Measured pumping level 84.84 ft after 14 days pumping 1,561 gpm, Aug. 30, 1963; recovered 34.24 ft after 1-hour shutdown. Temp. 74°F. <u>1/</u>
703	Fred Pratkan	Charles Chase	1957	240	12	--	--	--	T, G	Irr	Cased to bottom. Slotted from 85 ft to bottom.
801	O. W. Nyegaard	do	1957	263	12	--	--	--	T, G, 52	Irr	Cased to bottom. Slotted from 100 ft to bottom. <u>1/</u>
802	Rudolph Skalicky	Henry Cleveland	1950	326	18, 16	--	--	--	T, Ng, 100	Irr	Casing: 18-in. to 150 ft, 16-in. from 150 ft to bottom. Slotted from 110 ft to bottom. Pump set at 130 ft. Measured discharge 1,730 gpm, Aug. 7, 1963. Temp. 75°F.
803	M. W. Mauritz	O. E. Mickelson	1948	317	18, 12	63	33.1 35.5	Mar. 21, 1956 Mar. 24, 1964	N	N	Casing: 18-in. to 105 ft, 12-in. from 105 ft to bottom. Slotted from 67 ft to bottom. Abandoned. Observation well. Casing collapsed at 190 ft. <u>4/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-66-61-804	Rudolph Skalicky	O. E. Mickelson	1945	255	18, 12	--	--	--	T,Ng, 75	Irr	Casing: 18-in. to 85 ft, 12-in. from 85 ft to bottom. Slotted from 85-120 ft, 143-198 ft, and 220 ft to bottom. Pump set at 120 ft. Measured discharge 700 gpm, Aug. 7, 1963. Temp. 74°F.
805	W. Boehm	Henry Cleveland	1953	197	12	--	--	--	T,Ng, 77	Irr	Cased to bottom. Slotted from surface to bottom.
902	Joe Heard	Crowell Bros.	1951	362	18, 12	--	--	--	N	N	Casing: 18-in. to 122 ft, 12-in. from 122 ft to bottom. Slotted from 122 ft to bottom. Abandoned.
903	Louis Crouch	E. Nixon	1955	250	4, 2	--	--	--	T,E, 1	Ind	Casing: 4-in. to 200 ft, 2-in. from 200 ft to bottom. Screen from 200 ft to bottom.
904	Glen Roome, Jr.	Crowell Bros.	1964	465	18, 12	--	--	--	T,Ng	Irr	Casing: 18-in. to 200 ft, 12-in. from 200 ft to bottom. Slotted from 180 ft to bottom. Reported pumping level 96 ft pumping 2,200 gpm, April 1964. Pump set at 120 ft. 1/
* 62-707	Fred Mauritz	O. E. Mickelson	1944	450	18, 14, 12	64	82	July 1955	T,Ng, 100	Irr	Casing: 18-in. to 107 ft, 14-in. from 107 to 127 ft, 12-in. from 127 ft to bottom. Slotted from 86-448 ft. Pump set at 100 ft. Measured discharge 1,539 gpm, July 30, 1963. Temp. 74°F.
* 80-02-301	C. D. Bergstrom	do	1948	510	16, 12	81	40	1960	T,Ng, 130	Irr	Casing: 16-in. to 127 ft, 12-in. from 127 ft to bottom. Slotted from 127 ft to bottom. Measured discharge 1,184 gpm, Aug. 13, 1963.
601	Clifton R. Hicks	Katy Drilling Co.	1959	849	20, 14	72	95.5 57.1	Sept.24, 1963 Mar. 21, 1964	T,Ng, 225	Irr	Casing: 20-in. to 301 ft, 14-in. from 301 ft to bottom. Slotted from 165 ft to bottom. Pump set at 195 ft. Measured pumping level 164.37 ft after 21 days pumping 1,000 gpm, Aug. 25, 1963. Temp. 78°F. 1/ 4/
602	I. D. Schumaker	Leonard Mickelson	1954	665	20, 16	72	--	--	T,Ng, 300	Irr	Cased to bottom. Slotted from 160-662 ft. Pump set at 220 ft. Measured discharge 1,320 gpm, Aug. 29, 1963. Temp. 76°F. 1/
603	A. T. Dincan	Charles Chase	1956	402	8	68	--	--	T,G, 60	Irr	Cased to bottom. Slotted from 100 ft to bottom.
604	Clifton R. Hicks	O. E. Mickelson	1946	489	18, 12	72	45.9 89.0 54.1	Mar. 23, 1960 Sept.24, 1963 Mar. 21, 1964	N	N	Casing: 18-in. to 105 ft, 12-in. from 105 ft to bottom. Slotted from 30 ft to bottom. Abandoned.
* 605	do	--	1960	175	--	64	--	--	J,E	D,S	Screen from 165 ft to bottom. Drilled to 205 ft, plugged back to 175 ft.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-02-901	Tom Babb	Leonard Mickelson	1956	629	20, 18, 16	64	--	--	T,C, Ng, 150	Irr	Casing: 20-in. to 250 ft, 18-in. from 250 to 546 ft, 16-in. from 546 ft to bottom. Slotted from 180-628 ft. Measured discharge 957 gpm, July 28, 1963. Temp. 76°F. <u>1/</u>
03-101	Harrison Stafford	H. L. Powell	1948	590	20, 13	71	95.5 56.9 99.8	Sept. 10, 1963 Apr. 13, 1964 July 31, 1964	N	Irr	Casing: 20-in. to 400 ft, 13-in. from 400 ft to bottom. Slotted from 150 ft to bottom. <u>1/</u>
102	J. T. Vance	O. E. Mickelson	1947	576	20, 12, 10	78	51.6	Mar. 23, 1960	T, Ng, 180	Irr	Casing: 20-in. to 106 ft, 12-in. from 106 to 426 ft, 10-in. from 426 ft to bottom. Slotted from 106 to 506 ft. Measured discharge 1,537 gpm, Aug. 28, 1963. Temp. 75°F.
103	Homer Glaze	Katy Drilling Co.	1964	780	20, 12	77	84	Feb. 1964	T, Ng	Irr	Casing: 20-in. to 354 ft, 12-in. from 354 ft to bottom. Slotted from 234 ft to bottom. Reported pumping level 176 ft while discharging 3,199 gpm, February, 1964. Drilled to 790 ft, plugged back to 780 ft. <u>1/</u>
201	B. G. Henry	Layne-Bowler	1914	400	30, 10	71	42.9 42.4	Mar. 23, 1960 Mar. 12, 1964	N	N	Casing: 30-in. to 60 ft, 10-in. from 60 ft to bottom. Observation well. Abandoned. <u>4/</u>
* 202	do	Katy Drilling Co.	1956	880	20, 12, 10	71	47.3 91.7 60.4	Mar. 23, 1960 Sept. 13, 1963 Mar. 12, 1964	T, Ng, 200	Irr	Casing: 20-in. to 470 ft, 12-in. from 470 to 680 ft, 10-in. from 680 ft to bottom. Pump set at 160 ft. Slotted from 194 ft to bottom. Measured pumping level 103.54 ft after 1½ hours pumping 1,205 gpm, Sept. 13, 1963; recovered 10.82 ft after 1-hour shutdown. Temp. 80°F. <u>1/</u>
203	D. A. Strane	Parker & McCune	1945	5,480	10	70	--	--	T, Ng, 50	Irr	Perforated from 596-620 ft, 628-642 ft, 646-649 ft, and 683-687 ft. Oil test converted to water well.
204	Ollie Holloway	Henry Cleveland	1957	350	12	65	35	1960	T, Ng, 75	Irr	Cased to bottom. Slotted from 150 ft to bottom.
* 205	Wes Rogers	Lankton Rose	--	36	6	65	25.2 34.0	June 26, 1934 Mar. 22, 1950	N	N	Bored well. Formerly used as observation well. Abandoned. Well 71 in 1943 Jackson County report. Old well.
* 301	City of Edna well 4	Layne-Texas Co.	1952	1,210	14, 8	67	40.1 73.6	Oct. 20, 1955 July 31, 1964	T, E, 75	P	Casing: 14-in. to 960 ft, 8-in. from 859 ft to bottom. Screen from 970-980 ft, 990-1,020 ft, 1,050-1,085 ft, 1,130-1,170 ft, and 1,180-1,195 ft. Measured pumping level 122.81 ft after 50 minutes pumping 1,000 gpm, Oct. 20, 1955. <u>1/ 2/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-03-302	City of Edna well 2	Layne-Texas Co.	1943	331	13, 6	65	30 57.7	June Dec. 2, 1959	T,E, 25	P	Casing: 13-in. to 222 ft, 6-in. from 160 ft to bottom. Screened from 160-169 ft, and 222-324 ft. Reported pumping level 89 ft while pumping 680 gpm, June 25, 1943. Drilled to 339 ft, plugged back to 331 ft. 1/
*	City of Edna well 5	Texas Water Wells	1957	1,318	14, 8	64	--	--	T,E, 75	P	Casing: 14-in. to 845 ft, 8-in. from 845 ft to bottom. Screen from 955-1,006 ft, 1,034-1,072 ft, 1,165-1,185 ft, 1,216-1,250 ft, and 1,282-1,308 ft. Reported discharge 1,000 gpm. Drilled to 1,325 ft, plugged back to 1,318 ft. 1/ 2/
*	City of Edna well 1	Layne-Texas Co.	1930	410	12, 8	65	22	June 1930	N	N	Casing: 12-in. to 125 ft, 8-in. from 125 ft to bottom. Screen from 308-332 ft, 365-408 ft. Drawdown 69.5 ft while pumping 516 gpm, June 19, 1930. Abandoned. Well 77 in 1943 Jackson County report. 1/
*	City of Edna well 3	Henry Cleveland	1949	1,434	12, 8	65	28.7	Oct. 10, 1955	N	N	Casing: 12-in. to 319 ft, 8-in. from 319 ft to bottom. Perforated from 1,289 to 1,309 ft; slotted from 1,344 ft to bottom. Abandoned. 2/
401	R. D. Zip	--	1910	300	24, 10	68	--	--	C,W	S	Originally drilled to 800 ft, but casing reported to have collapsed at 300 ft.
402	J. C. Kennedy	Leonard Mickelson	1953	633	20, 14	67	40	1960	T,Ng, 160	Irr	Casing: 20-in. to 202 ft, 14-in. from 202 ft to bottom. Slotted from 152 ft to bottom. Measured discharge 986 gpm, Aug. 29, 1963. Temp. 76°F. 1/
403	Duncan & Cory	Layne-Texas Co.	1950	531	20, 12	67	50	1960	T,Ng, 160	Irr	Casing: 20-in. to 200 ft, 12-in. from 200 ft to bottom. Slotted from 203-236 ft, 246-276 ft, 281-321 ft, and 331-351 ft. Drilled to 600 ft, plugged back to 531 ft. 1/ 2/
404	Tom Babb	Henry Cleveland	1952	600	20, 16	62	52.6	Mar. 11, 1964	T,G, 150	Irr	Casing: 20-in. to 250 ft, 16-in. from 250 ft to bottom. Slotted from 170-250 ft, 260-550 ft, and 570 ft to bottom. Measured discharge 744 gpm, July 28, 1963. Temp. 76°F. 2/
501	P. K. Miller, Jr.	Charles Chase	1958	475	12, 8	66	48.3	Mar. 23, 1960	T,Ng, 60	Irr	Casing: 12-in. to 250 ft, 8-in. from 250 ft to bottom. Slotted from 135 ft to bottom. Pump set at 130 ft.
502	Tom Babb	Leonard Mickelson	1950	269	20, 12	36	--	--	N	N	Casing: 20-in. to 105 ft, 12-in. from 105 ft to bottom. Abandoned. Reported casing collapsed. 1/

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-80-03-503	Tom Babb	O. E. Mickelson	1947	597	18, 15, 12, 10	60	83.8 56.6	July 29, 1963 Mar. 12, 1964	T,Ng, 150	Irr	Casing: 18-in. to 105 ft, 15-in. from 105 to 124 ft, 12-in. from 124 to 462 ft, and 10-in. from 462 ft to bottom. Slotted from 105 ft to bottom. Measured discharge 1,410 gpm, Aug. 15, 1963. Temp. 74°F.
504	Paul Henderson	Henry Cleveland	1948	600	16	61	--	--	T,Ng	Irr	Cased to bottom. Slotted from 200 ft to bottom.
505	do	O. E. Mickelson	1947	560	18, 12	59	--	--	T,Ng	Irr	Casing: 18-in. to 107 ft, 12-in. from 107 ft to bottom. <u>1/</u>
601	E. T. Rose	Henry Cleveland	1948	500	18, 12	64	--	--	N	Irr	Discontinued irrigation well. Reported well may be used again.
602	Norma G. Sayles well B-1	H. H. Howell & H. J. Porter, et al.	1962	6,468	--	58	--	--	--	--	Oil test. <u>3/</u>
701	Tom Babb	Leonard Mickelson	1947	584	20, 16, 12	57	84.8	Aug. 15, 1963	T,G, 150	Irr	Casing: 20-in. to 116 ft, 16-in. from 116 to 216 ft, 12-in. from 216 ft to bottom. Slotted from 116 ft to bottom. Pump set at 140 ft. Measured pumping level 115.9 ft while discharging 310 gpm, July 29, 1963. Temp. 76°F. <u>1/</u>
702	H. O. McElveen	do	1948	585	18, 12	52	89.9	July 30, 1963	T,Ng, 150	Irr	Casing: 18-in. to 138 ft, 12-in. from 138 ft to bottom. Slotted from 115 ft to bottom. <u>1/</u>
* 703	do	Katy Drilling Co.	1963	833	20, 12	55	84.4 53.4	Aug. 15, 1963 Mar. 11, 1964	T,Ng	Irr	Casing: 20-in. to 322 ft, 12-in. from 322 ft to bottom. Slotted from 298 ft to bottom. Measured discharge 2,250 gpm, July 29, 1963. Reported drawdown 36 ft after 10 minutes pumping 3,230 gpm, Mar. 23, 1963. Drilled to 897 ft, plugged back to 833 ft. Pump set at 180 ft. Temp. 78°F. <u>1/</u>
801	Paul Henderson	O. E. Mickelson	1944	354	12	56	45.6 77.3 54.3	Mar. 23, 1960 Aug. 15, 1963 Mar. 21, 1964	N	Irr	Cased to bottom. Slotted from 107 to 352 ft. Observation well. Reported casing collapsed. <u>4/</u>
802	A. R. Vincik, et al.	Charles Chase	1955?	500	12	53	70	1960	T,G, 80	Irr	Cased to bottom. Slotted from 100 ft to bottom.
* 901	United Gas Pipe Line Co.	Layne-Texas Co.	1926	270	6	54	29	May 1926	T,E, 20	Ind	Cased to bottom. Reported pumping level 51 ft while pumping 334 gpm, May 1926. Well 84 in 1943 Jackson County report. Temp. 74°F. <u>1/</u>
* 902	do	do	1951	312	8, 4	54	56	Oct. 1951	T,E, 10	Ind	Casing: 8-in. to 250 ft, 4-in. from 250 ft to bottom. Screened from 250-275 ft, 295-310 ft. Pump set at 100 ft. Reported discharge 128 gpm. Drilled to 321 ft, plugged back to 312 ft. <u>1/ 2/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-03-903	United Gas Pipe Line Co.	Layne-Texas Co.	1951	312	8, 4	54	58	Nov. 1951	T,E, 10	Ind	Cased to bottom. Screen from 250-275 ft, 295-310 ft. Pump set at 100 ft. Reported discharge 128 gpm. Drilled to 321 ft, plugged back to 312 ft. <u>1/ 2/</u>
904	T. B. Hanna	Charles Chase	1955	350	8, 6	51	85	1960	T,Ng, 21	Irr	Casing: 8-in. to 200 ft, 6-in. from 200 ft to bottom. Slotted 90 ft.
905	Koop Bros.	O. E. Mickelson	1948	605	20, 18, 16, 14	51	40	1960	T,Ng, 130	Irr	Casing: 20-in. to 123 ft, 18-in. from 123 to 194 ft, 16-in. from 194 to 354 ft, 14-in. from 354 ft to bottom. Slotted from 110-227 ft and 253 ft to bottom. <u>1/</u>
04-101	Allen D. Lay	Crowell Bros.	1954	383	12	68	60.2 49.0	Aug. 27, 1963 Mar. 12, 1964	T,G, 80	Irr	Cased to bottom. Slotted from 131 ft to bottom. <u>1/</u>
301	Howard Humburg	--	--	--	--	--	--	--	N	Irr	
302	Victor Stavinoha	Crowell Bros.	1954	212	12	52	--	--	N	Irr	Cased to bottom. Slotted from 70 ft to bottom. Drilled to 235 ft, plugged back to 212 ft. <u>1/</u>
401	J. T. Vance	Leonard Mickelson	1948	596	18, 12, 10	53	51.3	Mar. 24, 1960	T,Ng, 180	Irr	Casing: 18-in. to 145 ft, 12-in. from 145 to 490 ft, 10-in. from 490 ft to bottom. Slotted from 130 ft to bottom. <u>1/</u>
402	Paul Henderson	Henry Cleveland	1951	600	20	54	67.2 55.8	Aug. 15, 1963 Mar. 12, 1964	T,Ng	Irr	Cased to bottom. Slotted from 150 ft to bottom.
403	Allen Bros.	Leonard Mickelson	--	681	20, 16, 12	60	58.5	Mar. 3, 1964	T,Ng	Irr	Casing: 20-in. to 204 ft, 16-in. from 204 to 295 ft, 12-in. from 295 ft to bottom. Slotted from 222 to 679 ft. Measured pumping level 146.10 ft after 5 days pumping 1,530 gpm, Sept. 13, 1963; recovered 37.64 ft after 1-hour shutdown. Temp. 77°F. <u>1/</u>
* 404	do	O. E. Mickelson	1944	549	20, 16, 12	56	--	--	T,Ng, 80	Irr	Casing: 20-in. to 104 ft, 16-in. from 104 to 125 ft, 12-in. from 125 ft to bottom. Slotted from 129 ft to bottom.
502	Hillman Estate	Crowell Bros.	1950	431	18, 12	54	--	--	T,Ng, 100	Irr	Casing: 18-in. to 131 ft, 12-in. from 131 ft to bottom. Measured discharge 1,450 gpm, Aug. 27, 1963. Temp. 75°F. <u>1/</u>
601	Nelson Burger & Robinowitz Bros.	Leonard Mickelson	1949	378	16, 12	54	46.4	Mar. 24, 1960	N	Irr	Casing: 16-in. to 123 ft, 12-in. from 123 ft to bottom. Slotted from 112 ft to bottom.
602	Alfred Strauss	Crowell Bros.	1952	185	12	53	32 65	1952 1959	T,Ng, 65	Irr	Cased to bottom. Slotted from 78 ft to bottom. Drilled to 210 ft, plugged back to 185 ft. <u>1/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-04-603	H. R. Hackbarth	Rock Young	1954	126	3	51	--	--	J,E	D,S	
604	Clifford Huldquist	--	1948	115	3	51	45.6	July 30, 1964	N	D	
* 605	do	Grover Cleveland	1920	65	4	51	--	--	N	N	Well 120 in 1943 Jackson County report. Well destroyed.
* 606	Woodrow Brandes	--	--	62	3	51	--	--	C,W	S	
* 607	W. E. Barker	--	--	142	--	50	--	--	N	N	Water reported to be salty. Well destroyed.
* 608	do	Burt Well Service	1954	280	4	50	49.7	July 30, 1964	J,E	D,S	
* 609	do	--	1942	160	4	50	--	--	J,E	D	
701	W. T. Westoff	Layne-Bowler Co.	1909	431	24, 9	48	20.7 50.4	June 27, 1934 Mar. 20, 1964	N	N	Abandoned. Observation well. Well 88 in 1943 Jackson County report.
702	W. C. Simons Estate	--	1903	84	4	42	--	--	C,W	N	Dug well.
703	do	C & S Water Well Drilling Co.	1954	125	4	42	--	--	J,E	D,S	Casing slotted from 111 ft to bottom.
* 704	do	--	1951	128	2	25	--	--	C,E	D,S	
* 705	do	--	1906	84	--	41	--	--	C,W	D,S	Dug well.
* 706	do	--	1954	128	4	41	--	--	E,-	S	Casing slotted from 118 ft to bottom.
* 707	do	C & S Water Well Drilling Co.	1957	125	3	41	--	--	J,E	D,S	Casing slotted from 115 ft to bottom.
708	La Bauve Estate	do	1961	125	4	46	--	--	J,E, 3/4	D,S	
709	Francis Koop well B-1	H. H. Howell & Mayfair Minerals, Inc.	1960	6,095	--	16	--	--	--	--	Oil test. <u>3/</u>
* 801	Royal Dedman	--	--	131	4	43	36.3 42.5	Aug. 13, 1934 Apr. 1, 1959	N	N	Abandoned. Observation well. Well 230 in 1943 Jackson County report.
* 802	Mrs. J. C. Degat	Burt Well Service	1961	91	2	42	--	--	J,E	D	
* 803	Arnold Koop	--	--	85	4	37	37.7	June 10, 1964	J,E	D,S	
* 901	A. G. Schumaker	Henry Cleveland	1950	370	18, 15	50	54.0 46.2	Sept. 26, 1963 Mar. 3, 1964	N	N	Abandoned in 1963 because water became too salty to use for irrigation. <u>2/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-04-902	Jesse B. Johnson Estate	Crowell Bros.	1954	400	10	--	60	1960	T,Ng	Irr	Cased to bottom. Slotted from 150-213 ft, and 261-400 ft. Drilled to 426 ft, plugged back to 400 ft. <u>1/</u>
903	Mrs. Mary C. Dickey	do	1952	391	18	46	--	--	N	Irr	Cased to bottom. Slotted from 91-169 ft, 189-218 ft, and 256-391 ft. Drilled to 405 ft, plugged back to 391 ft. <u>1/</u>
* 904	Mobil Oil Co.	Layne-Texas Co.	1949	340	8, 4	47	36	1949	T,E, 5	Ind	Casing: 8-in. to 287 ft, 4-in. from 184 ft to bottom. Screen from 289-312 ft, and 322-328 ft. Pump set at 90 ft. Reported drawdown 18 ft after 2 hours pumping 125 gpm, Oct. 21, 1949. <u>1/ 2/</u>
* 905	H. R. Hackbarth	Rock Young	1953	90	3	52	45.2	Sept. 27, 1963	J,E, 1/2	S	Screen from 85 ft to bottom.
* 906	W. C. Moody	L. Patterson	1942	302	4	45	--	--	J,E	D	Screen from 282 ft to bottom. <u>1/</u>
* 907	W. O. Williamson	Dodson Well Service	1963	138	4	49	--	--	J,E	D	Casing slotted from 132 ft to bottom. Well deepened in November 1963 from 70 ft to 138 ft because of salt water.
* 908	Mrs. W. C. Owen	--	1962	82	3	49	45.5	Sept. 27, 1963	C,W	S	
* 909	J. A. Graves	--	--	180	3	49	--	--	J,E	D,S	Old well.
910	W. R. Farquhar well 1	Gulfboard Oil Corp.	1942	--	--	45	--	--	--	--	Oil test. <u>3/</u>
05-101	Mil Cihal	B. V. Knopp	1915?	250	24, 10	59	--	--	T,G, 50	Irr	Casing: 24-in. to 40 ft, 10-in. from 40 ft to bottom.
102	Raymond Derrick	Crowell Bros.	1953	410	16, 10	60	31.4 29.2	Mar. 24, 1960 Mar. 24, 1964	N	N	Casing: 16-in. to 162 ft, 10-in. from 160 ft to bottom. Slotted from 162 ft to bottom. Abandoned because of salt water. <u>4/</u>
103	Charles Hahn	Henry Cleveland	1940	165	24, 16	56	--	--	T,Ng, 76	Irr	Casing: 24-in. to 45 ft, 16-in. from 45 ft to bottom. Slotted from 45 ft to bottom.
104	Mrs. Herold Hackbarth	--	--	--	24	57	--	--	N	N	Old well. Abandoned.
105	Raymond Derrick	Crowell Bros.	1953	160	12	60	--	--	N	N	Cased to bottom. Slotted from 55 ft to bottom. Drilled to 165 ft, plugged back to 160 ft. Abandoned because of salt water. <u>1/</u>
201	F. W. Silliman	do	1954	445	12, 8	60	40	1960	T,Ng	Irr	Casing: 12-in. to 169 ft, 8-in. from 169 ft to bottom. Slotted from 181 ft to bottom. <u>2/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-80-05-202	Joe Neiman	Layne-Bowler	1909	364	24, 10	59	--	--	N	N	Casing: 24-in. to 40 ft, 10-in. from 40 ft to bottom. Screened from 152 to 360 ft. Abandoned.
203	R. L. Novasad	Crowell Bros.	1951	201	16	58	--	--	T,Ng, 70	Irr	Cased to bottom. Slotted from 110 ft to bottom.
204	A. A. Egg	O. E. Mickelson	1946	401	18, 16, 12	59	--	--	C,W	S,Irr	Casing: 18-in. to 85 ft, 16-in. from 85 to 107 ft, 12-in. from 107 ft to bottom. Slotted from 85 ft to bottom.
205	Texaco Inc.	Crowell Bros.	1957	1,320	7, 5	59	--	--	T,E, 3	Ind	Casing: 7-in. to 1,281 ft, 5-in. from 1,263 ft to bottom. Screen from 1,290 ft to bottom. Reported flowing small amount of water when drilled. Pump set at 60 ft.
301	Ted Hahn	Henry Cleveland	1952	292	16	61	35	1959	J,E	D,Irr	Cased to bottom. Slotted from 40 ft to bottom.
302	Harry Mauritz	do	1952	341	16, 14, 10	61	70	1959	T,Ng, 110	Irr	Casing: 16-in. to 360 ft, 14-in. liner to 189 ft, 10-in. liner from 189 to 341 ft. Well worked over in 1954 by Crowell Bros. because 16-in. casing collapsed.
303	do	Crowell Bros.	1956	482	20, 18, 12	61	70	1959	T,Ng, 165	Irr	Casing: 20-in. to 184 ft, 18-in. from 184 to 201 ft, 12-in. from 201 ft to bottom. Slotted from 164 ft to bottom. Drilled to 491 ft, plugged back to 482 ft. <u>1/</u>
304	W. E. Williams	do	1956	218	12	58	--	--	T,G	Irr	Cased to bottom. Slotted from 118 ft to bottom. <u>1/</u>
* 305	W. E. Ditto	Layne-Texas Co.	1951	505	20, 12	60	44.2	Mar. 24, 1960	T,Ng, 140	Irr	Casing: 20-in. to 200 ft, 12-in. from 200 ft to bottom. Slotted from 172-182 ft, 182-202 ft, 217-227 ft, 237-257 ft, 297-317 ft, 347-366 ft, 377-417 ft, and 427 ft to bottom. <u>1/ 2/</u>
306	I. L. Janecka	--	1919	54	4	61	24.6 20.6	July 31, 1934 Apr. 24, 1945	N	N	Formerly used as observation well. Well 123 in 1943 Jackson County report. Abandoned.
307	Ted Hahn	--	1953	80	3	58	42.3	Sept. 10, 1963	J,E, 1/2	D	Pump set at 65 ft.
308	do	--	1959	132	3	56	57.4	do	C,W	S	Screen from 126 ft to bottom.
309	Louis Crouch	--	1948	95	4	56	26.5	do	N	N	Abandoned. Well formerly supplied water for drilling of oil well.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-80-05-310	Harry Mauritz and Trust	Crowell Bros.	1962	210	12	62	38 64.4 46.8	Apr. 1962 Aug. 9, 1963 Mar. 3, 1964	T,Ng	Irr	Cased to bottom. Slotted from 115 ft to bottom. Pump set at 100 ft. Drawdown 27.67 ft after 1 hour pumping 945 gpm, Aug. 9, 1963. Drilled to 331 ft, plugged back to 210 ft. <u>1/</u>
* 401	M. W. Mauritz	do	1951	525	20, 16	53	52.8 52.0 46.6	Sept. 19, 1963 Oct. 16, 1963 Mar. 4, 1964	T,Ng, 150	Irr	Casing: 20-in. to 201 ft, 16-in. from 201 ft to bottom. Slotted from 87 ft to bottom. Measured discharge 1,670 gpm, June 9, 1964. Temp. 73°F. <u>2/</u>
* 402	Robinowitz, et al.	--	--	127	3	53	--	--	C,W	S	Measured pumping level 85.2 ft, July 30, 1964.
501	Eli Bell	Charlie Vess	1927	352	24, 12	51	37.8	Mar. 24, 1960	T,Ng, 80	Irr	Casing: 24-in. to 65 ft, 12-in. from 65 ft to bottom. Slotted from 65 ft to bottom. Observation well.
502	W. F. Germer	O. E. Mickelson	1948	345	18, 12	56	47.4	do	T,Ng	Irr	Casing: 18-in. to 107 ft, 12-in. from 107 ft to bottom. Slotted from 107 to 343 ft. <u>4/</u>
503	Mitchell Strauss	Crowell Bros.	1953	383	16, 12	56	--	--	T,Ng, 100	Irr	Casing: 16-in. to 137 ft, 12-in. from 137 ft to bottom. Slotted from 160 ft to bottom. Drilled to 427 ft, plugged back to 383 ft. <u>1/ 2/</u>
504	Ted Cory	do	1955	347	16, 12	50	--	--	N	N	Casing: 16-in. to 140 ft, 12-in. from 140 ft to bottom. Slotted from 60 ft to bottom. Drilled to 378 ft, plugged back to 347 ft. Abandoned. <u>1/</u>
* 505	H. V. Larson	J. M. Ricks	1922	210	30, 10	50	39.8	Mar. 24, 1960	T,Ng, 45	Irr	Casing: 30-in. to 50 ft, 10-in. from 50 ft to bottom. Screen from 210-240 ft, and 250-310 ft. Drilled to 300 ft, filled to 210 ft. Well 126 in 1943 Jackson County report.
506	Bill Vordick	Crowell Bros.	1950	306	16, 12	48	--	--	T,Ng, 81	Irr	Casing: 16-in. to 50 ft, 12-in. from 50 ft to bottom. Slotted from 50 ft to bottom. Pump set at 125 ft.
* 507	Olson Bros.	Katy Drilling Co.	--	795	20, 12	54	77.0 47.9	Sept. 6, 1963 Mar. 3, 1964	T,Ng	Irr	Casing: 20-in. to 299 ft, 12-in. from 299 ft to bottom. Slotted from 178 ft to bottom. Pump set at 165 ft. Measured pumping level 125.05 ft after 13 days pumping 2,270 gpm, Sept. 19, 1963. Temp. 74°F. <u>1/</u>
508	A. A. Egg well 1	Dorpman Production Co. & M. B. Rudman	1962	8,020	--	53	--	--	--	--	Oil test. <u>3/</u>
601	Harry Mauritz	--	--	--	24, 10	54	45.4	Mar. 24, 1960	N	Irr	Old well. Reported last used in 1958. Casing collapsed. Temp. 74°F.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-80-05-602	Emil V. Bures, Jr.	B. V. Knopp	--	400?	24, 12	49	--	--	T,G, 60	Irr	Casing: 24-in. to 60 ft, 12-in. from 60 ft to bottom. Old well.
603	M. W. Mauritz & Son	Crowell Bros.	1964	365	14	50	46.7	Mar. 24, 1964	T,Ng	Irr	Cased to bottom. Slotted from 118 ft to bottom. Measured pumping level 118.82 ft while pumping 1,849 gpm, July 28, 1964. Pump set at 140 ft. <u>1/</u>
* 701	Harrison Stafford	Leonard Mickelson	1951	429	20, 12	50	46.6 50.5	Mar. 23, 1960 Mar. 3, 1964	T,Ng, 100	Irr	Casing: 20-in. to 150 ft, 12-in. from 150 ft to bottom. Slotted from 120 ft to bottom. Pump set at 130 ft. Measured pumping level 128.0 ft after 50 hours pumping 1,230 gpm, Sept. 6, 1963; recovered 44.70 ft after 1-hour shutdown.
702	L Ranch	Henry Cleveland	1954	610	18	44	55.9	Mar. 24, 1960	T,E, 100	Irr	Cased to bottom. Slotted from 150 ft to bottom. Pump set at 140 ft. <u>2/</u>
703	Clarence C. Mehren	Leonard Mickelson	1951	605	18, 16, 12	43	--	--	T,Ng	Irr	Casing: 18-in. to 199 ft, 16-in. from 199 to 308 ft, 12-in. from 308 ft to bottom. Drilled to 728 ft, plugged back to 605 ft. <u>2/</u>
901	W. H. Huseman	Henry Cleveland	1953	398	18, 14	44	42.1 51.7	Mar. 24, 1960 Mar. 12, 1964	T,Ng, 125	Irr	Casing: 18-in. to 140 ft, 14-in. from 140 ft to bottom. Slotted from 140 ft to bottom. <u>2/ 4/</u>
* 902	Carl Swenson	J. M. Ricks	1918	340	22, 9	44	18.2 39.0	Aug. 28, 1934 Mar. 24, 1960	N	N	Abandoned. Slotted from 160 to 200 ft, 225 to 245 ft, and 265 to 335 ft. Well 125 in 1943 Jackson County report.
903	do	Crowell Bros.	1952	392	16, 12	44	70	Dec. 1959	T,Ng, 165	Irr	Casing: 16-in. to 154 ft, 12-in. from 154 ft to bottom. Slotted from 154-222 ft, 249-312 ft, and 328-390 ft.
904	do	do	1959	409	20, 12	44	70	do	T,Ng, 175	Irr	Casing: 20-in. to 184 ft, 12-in. from 184 ft to bottom. Slotted from 150-212 ft, and 255 ft to bottom. Drilled to 525 ft, plugged back to 409 ft. <u>1/</u>
905	Four Way Ranch well 2	Stanolind Oil & Gas Co.	1944	9,505	--	33	--	--	--	--	Oil test. <u>3/</u>
906	W. F. Vordick	Crowell Bros.	1961	382	16, 12	42	--	--	T,Ng	Irr	Casing: 16-in. to 150 ft, 12-in. from 150 ft to bottom. Slotted from 150-322 ft, and 342 ft to bottom. Reported test pumped 2,400 gpm, March, 1961. <u>1/</u>
06-101	M. W. Mauritz	-- Mickelson	1945	550	18, 12	65	42.6 44.3	Mar. 24, 1960 Mar. 3, 1964	T,Ng, 100	Irr	Casing: 18-in. to 106 ft, 12-in. from 106 ft to bottom. Slotted from 85 ft to bottom. Measured discharge 1,620 gpm, July 30, 1963. Temp. 74°F. <u>4/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-06-102	W. N. Patman	George Burt	1959	364	16	58	66.5 52.8 83.4	Sept. 9, 1963 Mar. 3, 1964 Aug. 1, 1963	T,Ng, 60	Irr	Cased to bottom. Slotted from 104-134 ft, 154-224 ft, and 269 ft to bottom. Pump set at 120 ft. Drawdown 29.9 ft after 1 hour pumping 1,690 gpm, Sept. 9, 1963. Temp. 73°F. <u>1/</u>
103	W. H. Huseman	Leonard Mickelson	1956	408	12	54	20	1960	T,Ng	Irr	Cased to bottom. Slotted from 176 ft to bottom. Drilled to 419 ft, plugged back to 408 ft. <u>1/</u>
104	W. N. Patman	--	--	215	24, 10	58	74.7 50.7	July 30, 1963 Mar. 3, 1964	N	N	Casing: 24-in. to 50 ft, 10-in. from 50 ft to bottom. Slotted from 50 ft to bottom. Abandoned.
401	Gus Engelmohr	Charles Chase	1957	291	12	51	--	--	T,G, 60	Irr	Cased to bottom. Slotted from 135 ft to bottom.
402	C. F. Combs	--	1947	507	16, 14, 12	48	55	1960	T,Ng, 100	Irr	Casing: 16-in. to 140 ft, 14-in. liner from surface to 140 ft, 12-in. from 140 ft to bottom. Slotted from 140 ft to bottom. Measured discharge 1,280 gpm, Aug. 7, 1963. Temp. 74°F.
403	W. E. Rogers	Leonard Mickelson	1953	645	20, 14	49	--	--	T,Ng	Irr	Casing: 20-in. to 201 ft, 14-in. from 201 ft to bottom. Slotted from 181 to 642 ft. <u>1/ 2/</u>
404	Bill Combs	Crowell Bros.	1956	419	16, 12	48	55	Jan. 1960	T,Ng, 80	Irr	Casing: 16-in. to 208 ft, 12-in. from 208 ft to bottom. Slotted from 198 ft to bottom. Drilled to 426 ft, plugged back to 419 ft. <u>1/</u>
405	do	Otto Mickelson	1941	396	18, 12	45	26.2	Mar. 24, 1960	C,W	D,S	Casing: 18-in. to 60 ft, 12-in. from 60 ft to bottom. Slotted from 40 ft to bottom. Formerly used for irrigation. Drilled to 494 ft, plugged back to 396 ft. <u>1/</u>
406	Harry Engelmohr	Crowell Bros.	1950	358	16, 12	47	--	--	T,Ng, 130	Irr	Casing: 16-in. to 164 ft, 12-in. from 164 ft to bottom. Slotted from 144 ft to bottom.
407	Jay Anderson & Bros.	Katy Drilling Co.	1957	925	18, 12	47	50.8	Mar. 23, 1964	T,Ng, 180	Irr	Casing: 18-in. to 311 ft, 12-in. from 311 ft to bottom. Slotted from 177 ft to bottom. <u>1/</u>
409	Bill Combs	Crowell Bros.	1963	398	12	45	--	--	T,Ng	Irr	Cased to bottom. Slotted from 155-195 ft, and 224 ft to bottom. Drilled to 508 ft, plugged back to 398 ft. <u>1/</u>
702	Harry Mauritz	O. E. Mickelson	1942	401	17, 12	36	70	Dec. 1959	T,Ng, 130	Irr	Casing: 17-in. to 105 ft, 12-in. from 105 ft to bottom. Slotted from 81 ft to bottom.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-06-703	A. H. Wadsworth, Sr.	Crowell Bros.	1954	590	16, 12	--	45.4	Mar. 24, 1960	T,Ng, 50	Irr	Cased to bottom. Slotted from 154 ft to bottom. Measured pumping level 147.59 ft after 14 days pumping 1,450 gpm, July 8, 1955; recovered 36.12 ft after 1-hour shutdown. Drilled to 608 ft, plugged back to 590 ft. 2/
* 704	M. W. Mauritz & Son	do	1963	430	18, 16, 12	37	46.4	Mar. 3, 1964	T,Ng	Irr	Casing: 18-in. to 146 ft, 16-in. from 146 to 166 ft, 12-in. from 166 ft to bottom. Pump set at 140 ft. Slotted from 146 ft to bottom. Measured pumping level 129.63 ft while discharging 1,500 gpm for 14 days, Aug. 21, 1963; recovered 19.35 ft after 1-hour shutdown. Drilled to 637 ft, plugged back to 430 ft. 2/
801	Jay Anderson & Bros.	H. L. Powell	1954	689	18	39	--	--	T,Ng, 180	Irr	Cased to bottom.
11-201	Koop Bros.	O. E. Mickelson	1946	572	18, 16, 12	48	40.3 49.3	Mar. 23, 1960 Mar. 21, 1964	T,Ng, 130	Irr	Casing: 18-in. to 108 ft, 16-in. from 108 to 119 ft, 12-in. from 119 ft to bottom. Slotted from 108 ft to bottom. Measured discharge 1,070 gpm. Observation well. Temp. 76°F. 1/ 4/
* 202	A. R. Vincik	Charles Chase	1955	500	12	45	46.6	Mar. 21, 1964	T,G, 80	Irr	Cased to bottom. Slotted from 100 ft to bottom. Temp. 75°F.
203	H. C. Huddleston or L. W. O'Connor Trust Estate	O. E. Mickelson	1947	546	18, 12	48	--	--	T,-	Irr	Casing: 18-in. to 105 ft, 12-in. from 105 ft to bottom. Slotted from 105 ft to bottom.
204	Mrs. -- Molina	H. V. Sowder	1958	181	12	44	--	--	T,G	Irr	Cased to bottom. Pump set at 120 ft. Drilled to 639 ft, plugged back to 181 ft.
205	Walter Witte	Charles Chase	1956	360	8	45	33	1956	T,G, 90	Irr	Cased to bottom. Slotted from 135 ft to bottom. Pump set at 120 ft.
* 301	Arnold Koop	Henry Cleveland	1953	365	12, 8	46	43.4 47.0	Mar. 23, 1960 Mar. 21, 1964	T,E	Irr	Casing: 12-in. to 150 ft, 8-in. from 150 ft to bottom. Slotted from 60 ft to bottom. Measured discharge 405 gpm, June 10, 1964. Temp. 74°F.
* 302	do	C & S Water Well Drilling Co.	1956	468	--	--	--	--	N	N	Abandoned test hole.
* 303	G. A. Lowrance	--	--	189	4	46	32.5 43.5	July 9, 1934 Mar. 22, 1955	N	N	Formerly used as observation well. Well 229 in 1943 Jackson County report.
304	C. W. Martin	Crowell Bros.	1958	356	12	39	--	--	N	N	Cased to bottom. Slotted from 112-125, 150-174, and 195 ft to bottom. Abandoned.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-80-11-501	A. R. Vincik	Henry Cleveland	1954	400	12, 8	41	35.1 35.5	Mar. 23, 1960 Mar. 21, 1964	T,G	Irr	Casing: 12-in. to 200 ft, 8-in. from 200 ft to bottom. Slotted from 100-130 ft, 150-165 ft, 180-200 ft, 265-330 ft, and 360-390 ft. Drilled to 450 ft, plugged back to 400 ft. <u>2</u>
601	Billy J. Hooker	Sterling Oil & Refining Co.	1941	1,340	10	38	--	--	T,G, 40	Irr	Oil test converted to water well. Test well drilled to 5,500 ft, plugged back to 1,340 ft. Perforated from 1,160 to 1,190 ft.
602	Jerry Rozeypal	Tennessee Gas Transmission Co.	1944?	905	10	--	24.1	Mar. 21, 1964	T,G, 49	Irr	Oil test converted to water well. Test well drilled to 6,000 ft, plugged back to 905 ft. Perforated from 720 to 800 ft.
* 603	Mobil Oil Co.	Layne-Texas Co.	1955	1,256	10, 5	37	--	--	T,E, 15	Ind	Casing: 10-in. to 1,166 ft, 5-in. from 1,068 ft to bottom. Screen from 1,174-1,198 ft, and 1,200 to 1,224 ft. Large amount of natural gas in water. <u>1/ 2/</u>
901	Rozeypal Bros.	Naylor Oil Co.	1951	1,500	10	31	--	--	T,G, 60	Irr	Oil test converted to water well. Test well drilled to 9,603 ft, plugged back to 1,500 ft. Perforated from 1,176 to 1,200 ft.
902	George Schattel	Charles Chase	1957	400	12	31	29.7	Mar. 21, 1964	T,Ng, 35	Irr	Cased to bottom. Slotted from 135 ft to bottom. Drilled to 550 ft, plugged back to 400 ft.
* 12-101	Mrs. Elinor Hickman	--	--	385	2	46	--	--	J,E, 1/2	D	
* 102	F. W. Schneider	C & S Water Well Drilling Co.	1959	185	4	45	--	--	J,E	D,S	Casing slotted from 165 ft to bottom. Owner reported gas in water.
* 103	Arnold Koop	Henry Cleveland	1948	228	4	45	55.1	June 10, 1964	T,E	D	
104	W. C. Simons Estate	--	1918	505	--	10	--	--	N	D,S	Reported stopped flowing in 1956.
105	do	John Young	1956	125	3	14	--	--	--	D	Casing slotted from 115 ft to bottom.
106	do	Geo. Hutchens	1958	40	2	16	10	May 1964	N	S	Reported water salty since 1962.
107	do	do	1955	86	3	17	28	do	N	S	
* 108	do	do	1957	58	3	25	52	do	C,W	S	
* 109	do	--	1954	26	2	7	--	--	C,W	D,S	Casing slotted from 16 ft to bottom.
110	do	John Young	1918	504	4	7	--	--	N	S	Reported stopped flowing in 1956.
* 111	La Bauve Estate	Appling Drilling Co.	1956	215	3	7	--	--	C,W	D,S	

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-80-12-112	W. C. Simons Estate	--	1937	22	--	5	--	--	N	S	
* 201	Geo. Clement	Burt Well Service	--	90	--	42	--	--	J,E	D,S	
* 202	Jackson County Water Control & Improvement District No. 1	B & P Drilling Co.	1960	123	--	41	--	--	T,E, 1/2	P	Used as standby well. Temp. 76°F.
* 203	W. C. Simons Estate	C & S Water Well Drilling Co.	1964	128	4	5	--	--	C,W	D,S	Casing slotted from 118 ft to bottom.
* 204	do	do	1964	128	4	5	--	--	C,W	D,S	Do.
* 205	do	Geo. Hutchens	1954	26	2	5	3	May 1964	C,W	S	Reported old dug well; redrilled in 1954.
* 206	Miss Rowena Clement	Burt Well Service	--	110	4	41	--	--	J,E	D	Casing slotted from 100 ft to bottom.
301	C. A. Barron	Charlie Chase	1956	380	10	40	55	1960	T,Ng, 100	Irr	Cased to bottom. Slotted from 70 ft to bottom. Reported cemented from surface to 70 ft to shut out salt water.
* 302	Mobil Oil Co.	Layne-Texas Co.	1950	351	8, 4	47	31 58	Feb. Dec. 1950 1959	T,E, 5	Ind	Casing: 8-in. to 279 ft, 4-in. from 87 ft to bottom. Screened from 294 to 316 ft, and 326 to 348 ft. Reported drawdown 11 ft after 5 hours pumping 125 gpm, Feb. 21, 1950. <u>1/</u>
* 401	do	L. Patterson	1939	1,232	7, 4	31	32	Nov. 1939	N	N	Casing: 7-in. to 1,181 ft, 4-in. from 1,172 ft to bottom. Screen from 1,190 ft to bottom. Well 376 in 1943 Jackson County report. Abandoned. <u>1/</u>
402	Industrial Consolidated Independent School	Layne-Texas Co.	1953	1,235	10, 5	36	--	--	T,E, 15	P	Cased to 1,232 ft. Screen from 1,078-1,108 ft, 1,188-1,208 ft, and 1,213-1,223 ft. Reported discharge 310 gpm in 1953. <u>1/ 2/</u>
* 403	Mobil Oil Co.	do	1953	1,258	10, 5	31	14	Aug. 1953	T,E, 15	P	Casing: 10-in. to 1,165 ft, 5-in. from 1,073 ft to bottom. Screened from 1,173 to 1,219 ft. <u>1/ 2/</u>
501	A. J. Calaway, Sr.	Henry Cleveland	1954?	328	16	35	74.3	Sept. 5, 1963	N	N	Cased to bottom. Slotted from 70-120 ft, 150-220 ft, and 255 ft to bottom. Drilled to 433 ft, plugged back to 328 ft. Casing collapsed. Abandoned. <u>2/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-12-502	A. J. Calaway, Sr.	Crowell Bros.	1963	330	18, 14, 12	36	40.7	Mar. 20, 1964	T,Ng	Irr	Casing: 18-in. to 152 ft, 14-in. from 152 to 172 ft, 12-in. from 172 ft to bottom. Slotted from 90-118 ft, 164-222 ft, and 254 ft to bottom. Pump set at 120 ft. Pumping level 110.00 ft while discharging 1,545 gpm, Oct. 17, 1963. Temp. 74°F. <u>1/</u>
* 503	L Ranch	--	1942	1,250	6	6	+	--	Flows	S	Supplied water for old Stanolind Oil & Gas Co. Camp.
601	Hugh Mitchell	Henry Cleveland	1953	348	16	37	39.2	Mar. 23, 1960	T,Ng, 140	Irr	Cased to bottom. Slotted from 100 ft to bottom. Pump set at 120 ft. Measured discharge 1,470 gpm, Sept. 5, 1963. Temp. 74°F.
602	A. J. Calaway, Sr.	do	1953	348	16, 12	37	--	--	N	N	Casing: 16-in. to 140 ft, 12-in. from 140 ft to bottom. Slotted from 130-235 ft, and 300 ft to bottom. Drilled to 451 ft, plugged back to 348 ft. Casing collapsed. Abandoned. <u>2/</u>
603	do	Leonard Mickelson	1962	351	18, 16, 12	37	--	--	T,Ng	Irr	Casing: 18-in. to 16 ft, 16-in. from 16 to 162 ft, 12-in. from 162 ft to bottom. Slotted from 131 to 350 ft. Measured discharge 1,320 gpm, Sept. 5, 1963. Temp. 74°F. <u>1/</u>
* 604	Jackson County Water Control & Improvement District No. 1	B & P Drilling Co.	1957	182	8, 6	39	--	--	T,E, 10	P	Casing: 8-in. to 141 ft, 6-in. from 141 ft to bottom. Pump set at 120 ft. Reported discharge 80 to 90 gpm. <u>2/</u>
* 605	Mrs. Mary Mitchell	-- Whitaker	1914	1,234	4	39	+ 3.5	Aug. 24, 1934	N	N	Measured flow 35 gpm, Aug. 24, 1934. Casing collapsed. Abandoned. Well 181 in 1943 Jackson County report. Temp. 82°F.
701	Mobil Oil Co.	Youngblood Well Service	1941	1,235	7, 5	25	+20 + 1	May 1951 1964	T,E	Ind	Casing: 7-in. to 1,167 ft, 5-in. from 1,167 ft to bottom. Screened from 1,167 ft to bottom. Reported to have flowed 150 gpm when drilled.
* 702	do	do	1946	1,237	8, 6	25	+20 + 1	May 1951 1964	T,E	Ind	Casing: 8-in. to 1,171 ft, 6-in. to bottom. Screen from 1,171 ft to bottom. Reported to have flowed 150 gpm when drilled.
703	West Ranch well A-452	Mobil Oil Co.	1964	--	--	2	--	--	--	--	Oil test. <u>3/</u>
* 704	Mobil Oil Co.	McMasters & Pomeroy	1938	1,233	7, 5	25	24.0	Sept. 24, 1942	--	Ind	Casing: 7-in. to 1,172 ft, 5-in. to bottom. Screen from 1,172 ft to bottom. Measured flow 208 gpm, Sept. 24, 1942. Well 378 in 1943 Jackson County report. Temp. 86°F. <u>1/</u>

See footnotes at end of table.

Table 6. --Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-80-12-801	La Bauve Estate	--	1947	130	3	25	24.8	Oct. 10, 1964	J,E	S	
802	do	--	1950	90	4	31	--	--	J,E	S	
901	do	--	1930	120	4	27	--	--	J,E	D,S	
902	do	--	1957	138	3	28	33.4	Oct. 10, 1963	C,W	S	
13-101	L Ranch	Henry Cleveland	1951	650	18	39	108.1	Sept. 4, 1963	T,G, 130	Irr	Cased to bottom. Slotted from 100 ft to bottom. Pump set at 140 ft.
102	do	--	--	70	4	41	--	--	J,E, 1/2	P	Reported wells PP-80-13-102 and PP-80-13-103 supply water to 20 customers. Old well.
* 103	do	--	--	92	4	41	--	--	J,E	P	Old well. Well 180 in 1943 Jackson County report.
201	do	Henry Cleveland	1951	650	18	38	55.5	Mar. 20, 1964	T,G, 130	Irr	Cased to bottom. Slotted from 180 ft to bottom. Pump set at 140 ft. Measured discharge 1,850 gpm, Sept. 4, 1963. Temp. 77°F.
202	Clarence C. Mehrens	Leonard Mickelson	1951	600	18, 16, 12	46	--	--	T,G, 5	Irr	Casing: 18-in. to 193 ft, 16-in. from 193 to 307 ft, 12-in. from 307 ft to bottom. 2/
203	L Ranch well 1	Murphy Oil Co. of Oklahoma, Inc.	1963	7,524	--	36	--	--	--	--	Oil test. 3/
401	L Ranch	O. E. Mickelson	1944	408	18, 12	37	60	1960	T,Ng, 150	Irr	Casing: 18-in. to 100 ft, 12-in. from 100 ft to bottom. Slotted from 85 ft to bottom. Pump set at 170 ft. Measured discharge 997 gpm, Sept. 4, 1963. Temp. 74°F.
402	do	do	1943	428	16, 12	38	60	do	T,Ng, 120	Irr	Casing: 16-in. to 120 ft, 12-in. from 120 ft to bottom. Pump set at 170 ft. Measured discharge 1,230 gpm, Sept. 4, 1963. Temp. 74°F.
* 403	do	Crowell Bros.	1959	551	20, 18, 16	39	--	--	T,Ng, 225	Irr	Casing: 20-in. to 93 ft, 18-in. from 93 to 149 ft, 16-in. from 149 ft to bottom. Slotted from 150-195 ft, 220-260 ft, 280-410 ft, and 432 ft to bottom. Pump set at 140 ft. Measured discharge 1,600 gpm, Sept. 4, 1963. Drilled to 737 ft, plugged back to 551 ft. Temp. 75°F.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-13-404	L Ranch	Henry Cleveland	1949	510	26, 16	39	47.3 91.3	Mar. 24, 1960 Sept. 9, 1963	T,Ng, 150	Irr	Casing: 26-in. to 150 ft, 16-in. from 150 ft to bottom. Slotted from 150-315 ft, 360-395 ft, and 480 ft to bottom. Pump set at 150 ft. Drilled to 1,111 ft, plugged back to 510 ft. Measured pumping level 133.10 ft after 24 hours pumping 1,340 gpm, Sept. 10, 1963; recovered 33.04 ft after 1-hour shut-down. Temp. 74°F. <u>2/</u>
* 602	J. T. Bolling	Burt Well Service	1963	170	4	20	75	Aug. 1963	J,E, 1-1/2	D	Screen from 164 to 169 ft. <u>1/</u>
603	M. H. Brock	Crowell Bros.	1962	755	18, 14	24	--	--	T,Ng, 125	Irr	Casing: 18-in. to 295 ft, 14-in. from 295 ft to bottom. Slotted from 293-355 ft, 400-450 ft, 505-555 ft, and 600 ft to bottom. Reported test pumped 2,200 gpm, Feb. 12, 1962. Pump set at 160 ft.
* 901	D. R. Bolling	do	1951	775	16, 12	22	43.9	Mar. 12, 1964	T,G	Irr	Casing: 16-in. to 150 ft, 12-in. from 150 ft to bottom. Slotted from 140-185, 205-220, 370-390, 410-435, 437-452, 455-490, 510-530, 540-600, 635-645, 665-700, 710-735, and 750-775 ft. Pump set at 150 ft. Measured discharge 1,571 gpm, Sept. 11, 1963. Drilled to 793 ft, plugged back to 775 ft. Temp. 76°F. <u>2/</u>
902	do	--	1920	60	4	18	23.7	Oct. 22, 1963	C,E	S	
903	do	Burt Well Service	1950	108	4	22	24.1	do	C,W	S	Casing slotted from 92 ft to bottom. Temp. 74°F.
* 904	do	do	1961	440	3, 2	18	--	--	J,E	D	Casing: 3-in. to 120 ft, 2-in. from 120 ft to bottom. Screen from 434 ft to bottom.
* 14-101	A. A. Brown Estate	Crowell Bros.	1952	650	20, 12	34	--	--	T,Ng, 50	Irr	Casing: 20-in. to 208 ft, 12-in. from 208 ft to bottom. Slotted from 208-270, 287-355, 375-419, and 473 ft to bottom. Temp. 74°F. <u>1/</u>
102	H. E. Kuppinger	O. E. Mickelson	1948	560	16, 12	32	35.6 97.7 43.4	Mar. 24, 1960 Sept. 11, 1963 Mar. 12, 1964	N	N	Casing: 16-in. to 131 ft, 12-in. from 131 ft to bottom. Slotted from 96 ft to bottom. Abandoned.
* 103	do	Crowell Bros.	1957	752	20, 16, 12	32	--	--	T,G	Irr	Casing: 20-in. to 200 ft, 16-in. from 200 to 220 ft, 12-in. from 220 ft to bottom. Slotted from 200-350, 390-420, and 480 ft to bottom. Measured discharge 1,855 gpm, Sept. 12, 1963. Temp. 76°F. <u>2/</u>

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
PP-80-14-201	A. H. Wadsworth, Sr.	Crowell Bros.	1954	642	16, 12	34	--	--	N	Irr	Casing: 16-in. to 213 ft, 12-in. from 213 ft to bottom. Slotted from 186 ft to bottom. Drilled to 665 ft, plugged back to 642 ft. 2/
* 401	Gus Lee	do	1954	729	18, 12	26	--	--	T,G	Irr	Casing: 18-in. to 186 ft, 12-in. from 186 to 710 ft. Slotted from 150-710 ft. Pump set at 150 ft. Measured discharge 1,951 gpm, Sept. 12, 1963. Drilled to 729 ft, plugged back to 710 ft. Temp. 78°F. 2/
* 402	Francitas Gas Co.	Texas Water Supply Co.	1941	377	20, 10, 8	24	70	Nov. 1959	N	N	Casing: 20-in. to 20 ft, 10-in. from 20 to 144 ft, 8-in. from 144 ft to bottom. Screened from 287-373 ft. Casing collapsed. Abandoned. 1/
* 403	do	do	1941	386	20, 10, 8	24	--	--	T,Ng, 125	Ind	Casing: 20-in. to 20 ft, 10-in. from 0 to 156 ft, 8-in. from 156 ft to bottom. Screened from 313 to 384 ft. 1/
* 404	do	do	1941	382	20, 10	24	--	--	T,Ng, 125	Ind	Casing: 20-in. to 20 ft, 10-in. from 0 to 141 ft, 8-in. from 141 ft to bottom. Screen from 299-380 ft. Temp. 76°F. 1/
701	O. D. Kubecka	Leonard Mickelson	1955	624	20, 16, 14, 12	26	52.7	Mar. 23, 1964	T,G, 100	Irr	Casing: 20-in. to 253 ft, 16-in. from 253 to 354 ft, 14-in. from 354 to 463 ft, 12-in. from 463 ft to bottom. Slotted from 100 ft to 622 ft. 2/
803	do	do	1947	504	18, 12	24	40	1960	T,G, 150	Irr	Casing: 18-in. to 166 ft, 12-in. from 166 ft to bottom. Slotted from 218 ft to bottom. 1/
* 20-201	La Bauve Estate	--	1955	190	4	3	17.3	Oct. 10, 1963	C,W	S	
202	do	--	1954	230	--	1	--	--	C,W	S	
* 203	do	--	1961	152	--	26	--	--	C,E, 1/2	S	
204	do	--	1936	160	3	25	--	--	C,W	S	
205	do	Humble Oil & Refining Co.	1947	10,082	--	26	--	--	--	--	Oil test. 3/
301	do	--	1960	152	--	26	--	--	C,W	S	
* 21-101	G. T. Brooking	-- O'Neil	1953	320	8	22	22	Sept. 1962	J,E	D,S	
102	La Bauve Estate	--	--	87	4	25	32.6	Oct. 10, 1963	C,W	S	
* 103	G. T. Brooking	V. E. Damstrom	--	330	2	--	--	--	N	N	Measured flow 2 gpm, Aug. 16, 1934. Abandoned. Well 195 in 1943 Jackson County report.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-21-201	Alcoa Aluminum Co. of America well 3	Layne-Texas Co.	1949	468	14, 8, 6	21	18 29 97	Sept. 1949 May 1952 May 1963	T,E, 20	P,Ind	Casing: 14-in. to 410 ft, 8-in. liner to 411 ft, 6-in. to bottom. Screen from 412 to 467 ft. Pump set at 180 ft. Reported pumping level 109.4 ft after 6 hours pumping 250 gpm, May 5, 1964; recovered 21.1 ft after 1-hour shutdown. 1/
202	Alcoa Aluminum Co. of America well 4	Texas Water Wells	1952	464	14, 8, 6	21	27 30 98	Feb. 1952 May 1952 May 1963	T,E, 20	P,Ind	Casing: 14-in. to 405 ft, 8-in. liner to 411 ft, 6-in. to bottom. Screen from 411 to 461 ft. Pump set at 150 ft. Reported pumping level 104 ft after 7 hours pumping 246 gpm, Mar. 4, 1964; recovered 27.2 ft after 1-hour shutdown. Drilled to 468 ft, plugged back to 464 ft. 1/ 2/
* 203	Alcoa Aluminum Co. of America well 5	Layne-Texas Co.	1953	482	16, 8	17	37 90	May 1953 May 1963	T,E, 40	P,Ind	Casing: 16-in. to 400 ft, 8-in. to bottom. Screen from 409 to 469 ft. Pump set at 190 ft. Reported pumping level 134.7 ft after 6 hours pumping 489 gpm, Mar. 6, 1964; recovered 54.9 ft after 1-hour shutdown. Drilled to 606 ft, plugged back to 482 ft. 1/ 2/
204	Alcoa Aluminum Co. of America well 6	do	1956	590	16, 8	19	68 79	June 1956 May 1963	T,E, 50	P,Ind	Casing: 16-in. to 425 ft, 8-in. to bottom. Screen from 428 ft to 469 ft, and 518 ft to 578 ft. Pump set at 200 ft. Reported pumping level 166.0 ft after 5 hours pumping 635 gpm, Mar. 9, 1964; recovered 90.8 ft after 1-hour shutdown. Drilled to 604 ft, plugged back to 590 ft. 1/ 2/
205	W. F. Weed	Alcoa Aluminum Co. of America	1953?	800	10	21	57	1960	T,Ng, 60	Irr	Casing perforated from 300 ft to 350 ft, and 450 ft to 590 ft. Oil test drilled to 9,696 ft, plugged back to 800 ft, and converted to water well.
207	Moody well 6	Alcoa Mining Co. and Crown Central Petroleum Corp.	1949	8,999	--	20	--	--	--	--	Oil test. 3/
* 208	Aluminum Co. of America	Layne-Texas Co.	1949	763	--	21	--	--	--	--	Water well test hole. 1/ 2/
* 301	Mary Frances Ward	--	1884	550	2	10	+ 6.0 21.1	Sept. 8, 1934 July 30, 1964	C,W	D,S	Measured flow 8 gpm, Sept. 8, 1934. Formerly used as observation well. Well 154 in 1943 Jackson County report. Temp. 78°F.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*PP-80-21-601	F. E. Appling	Crowell Bros.	1954	635	26, 20, 12	12	38.3 45.4	Mar. 26, 1960 Mar. 23, 1964	T,Ng, 80	Irr	Casing: 26-in. to 235 ft, 20-in. liner to 145 ft and 12-in. from 145 ft to bottom. Slotted from 317 ft to bottom. Measured pumping level 112.90 ft after 12 days pumping 1,245 gpm, Sept. 19, 1963; recovered 35.84 ft after 1-hour shutdown. Pump set at 120 ft. Drilled to 658 ft, plugged back to 635 ft. <u>1/</u>
22-101	L. M. Olson	Henry Lane	1951	365	12	13	28.8	Sept. 5, 1963	C,W	S,Irr	Cased to bottom. Slotted from 280 to 360 ft. Estimated discharge 600 gpm. <u>1/</u>
103	Texas Gulf Sulphur Co.	--	--	400	24, 10	15	8.9 33.0	Sept. 29, 1942 Mar. 24, 1954	N	N	Abandoned. Old well. Formerly used as observation well. Well 357 in 1943 Jackson County report.
201	K. D. Huddleston	Crowell Bros.	1955	865	16, 12	18	--	--	T,G, 165	Irr	Casing: 16-in. to 302 ft, 12-in. from 302 ft to bottom. Slotted from 330 ft to 400 ft, 500 to 705 ft, and 745 ft to bottom. Pump set at 140 ft. Drilled to 885 ft, plugged back to 865 ft. Temp. 79°F. <u>2/</u>
* 202	Susie L. Elliott	--	--	350	2	16	3.0 .8	Sept. 8, 1934 Dec. 16, 1942	--	D,S	Measured flow 4 gpm, Sept. 8, 1934. Formerly used as observation well. Well 156 in 1943 Jackson County report. Temp. 75°F.
* 401	M. G. Fields	Leonard Mickelson	1953	690	20, 12	16	75.4 49.0	Sept. 5, 1963 Mar. 23, 1964	T,G	Irr	Casing: 20-in. to 202 ft, 12-in. from 202 ft to bottom. Slotted from 300 to 410 ft, 480 to 530 ft, and 560 ft to bottom.
402	Wilbur Swanson	Crowell Bros.	1953	640	16, 12	11	--	--	T,G	Irr	Casing: 16-in. to 300 ft, 12-in. from 300 ft to bottom. Slotted from 311 ft to bottom. Pump set at 120 ft. Drilled to 675 ft, plugged back to 640 ft. <u>2/</u>
* 501	B. J. Wesselman	do	1959	370	12	16	40.8 47.3	Mar. 26, 1960 Mar. 23, 1964	T,E, 30	Irr	Cased to bottom. Slotted from 288 ft to bottom. Measured pumping level 115.42 ft after 4 hours pumping 540 gpm, Sept. 5, 1963; recovered 33.24 ft after 1-hour shutdown. Pump set at 120 ft. <u>1/ 3/ 4/</u>
Calhoun County											
BW-80-19-801	City of Port Lavaca	Layne-Texas Co.	1952	243	16, 10, 8	24	54.1	Oct. 12, 1955	T,E, 25	P	Casing: 16-in. to 168 ft, 10-in. from 168 ft to 172 ft, 8-in. from 172 ft to bottom. Screen from 173 to 233 ft. Measured draw-down 43.11 ft after 1 hour pumping 440 gpm, Oct. 20, 1955. Drilled to 280 ft, plugged back to 243 ft. <u>2/</u>
20-501	C. S. Traylor	Burt Well	1954	280	3, 2	26	31.1 42.8	Jan. 13, 1959 Mar. 30, 1964	C,W	S	Casing: 3-in. to 61 ft, 2-in. from 61 ft to bottom. Screen from 270 ft to bottom.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
*BW-80-20-601	D. L. Traylor	John O'Neil	1957	320	4, 2	15	33.8	Jan. 13, 1959	C,W	S	Casing: 4-in. to 64 ft, 2-in. from 64 ft to bottom. Screen from 299 ft to bottom.
* 801	Aluminum Co. of America	Layne-Texas Co.	1948	365	3	19	--	--	N	N	Drilled to 1,012 ft, plugged back to 365 ft. Screen from 254 ft to bottom. Observation well. 1/ 2/
* 802	Aluminum Co. of America well 2	do	1949	372	18, 8	19	14.4 54.4	Apr. 13, 1949 Feb. 20, 1964	T,E	Ind	Casing: 18-in. to 242 ft, 8-in. from 242 ft to bottom. Screen from 254-284 ft, 296-333 ft, and 343-369 ft. Reported pumping level 106.9 ft after 16 hours pumping 614 gpm, Feb. 20, 1964; recovered 54.4 ft after 1-hour shutdown. Temp. 77°F.
803	Aluminum Co. of America well 1	do	1948	361	16, 8	18	11 52	Nov. May 1948 1963	T,E	Ind	Casing: 16-in. to 250 ft, 8-in. from 250 ft to bottom. Screen from 250-299 ft, and 342-359 ft. Reported pumping level 104.5 ft after 5 hours pumping 697 gpm, Feb. 20, 1964; recovered 50.2 ft after 1-hour shutdown.
901	do	do	1949	380	3	15	17 32	May May 1952 1963	N	N	Cased to bottom. Screen from 291-302 ft, 342-353 ft, and 369 ft to bottom. Drilled to 401 ft; plugged back to 380 ft. Observation well.
21-701	Maude B. Traylor well 2	Aluminum Co. of America	1957	8,900	--	8	--	--	--	--	Oil test. 3/
22-701	Reeder well 1	Woods Exploration & Producing Co.	1961	--	--	5	--	--	--	--	Do.

Lavaca County

RY-66-35-902	Clipson Bros.	A. H. Justman	1951	559	18, 16, 12	--	143.8	July 20, 1955	T,G	Irr	Casing: 18-in. to 90 ft, 16-in. from 90 ft to 262 ft, 12-in. from 262 ft to bottom. Slotted from 172 ft to bottom. Temp. 73°F.
43-801	Morton Bros.	American Water Co.	1950	724	--	155	110.3 93.4	Oct. 26, 1959 Mar. 20, 1964	T,Ng	Irr	Observation well.
50-301	Gus Cranz well 9	Robert Masbacher	1961	3,515	--	145	--	--	--	--	Oil test. 3/
501	River Fork Co., Inc.	Crowell Bros.	1952	691	20, 12	154	93.2 94.8	Oct. 10, 1959 Mar. 11, 1964	T,G	Irr	Casing: 20-in. to 252 ft, 12-in. from 252 ft to bottom. Slotted from 200-375 ft, 416-480 ft, and 542-690 ft. Measured discharge 1,085 gpm, Oct. 11, 1963. Pump set at 220 ft.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
RY-66-57-301	Tom Henderson	Crowell Bros.	1953	584	16, 12	--	--	--	T,G, 160	Irr	Casing: 16-in. to 234 ft, 12-in. from 234 ft to bottom. Slotted from 234 ft to bottom. Drilled to 694 ft, plugged back to 584 ft. Drawdown 28.1 ft after 1 hour pumping 1,020 gpm, June 12, 1964. Pump set at 180 ft. Temp. 75°F.
302	do	do	1953	623	16, 12	146	80.0	Mar. 24, 1964	T,G, 160	Irr	Casing: 16-in. to 235 ft, 12-in. from 235 ft to bottom. Slotted from 235 ft to bottom. Measured discharge 1,085 gpm, Oct. 3, 1963. Pump set at 200 ft. Temp. 77°F.

Matagorda County

TA-80-06-602	Hansen-Strarup	Leonard Mickelson	1952	626	20, 12	44	51.5	Mar. 24, 1964	T,G	Irr	Casing: 20-in. to 200 ft, 12-in. from 200 ft to bottom. Slotted from 152-177, 213-216, 235-263, 275-301, 366-425, 430-454, 489-517, 555-590, and 606-624 ft.
902	R. J. Strnadel	Otto Mickelson	1946	468	18, 12	43	60.3	do	T,Ng	Irr	Casing: 18-in. to 85 ft, 12-in. from 85 ft to bottom.
07-102	R. M. Radley	--	--	1,020	20	60	24.2 51.1	Mar. 27, 1952 Mar. 20, 1964	T,-	Irr	Observation well. <u>4/</u>
404	Clarence Mehrens	--	1944	510	14	53	6.0 29.3	Apr. 19, 1947 Feb. 17, 1964	N	N	Do.
501	Henry Insall	Otto Mickelson	1951	820	18, 14, 12	--	47.2 43.2 63.0	Mar. 22, 1956 Mar. 22, 1960 Feb. 7, 1964	T,G	Irr	Casing: 18-in. to 253 ft, 14-in. from 253 ft to 477 ft, 12-in. from 477 ft to bottom. Slotted from 220-330 ft, and 420 ft to bottom. Pumping level 138.73 ft after discharging 1,680 gpm, July 13, 1955. <u>4/</u>
14-301	Trull & Pybus well 1	Oil & Gas Property Management, Inc.	1961	--	--	32	--	--	--	--	Oil test. <u>3/</u>
602	G. R. Bishop	American Water Co.	--	640	20, 12	30	43.3 63.4	Mar. 21, 1960 Mar. 20, 1964	T,Ng	Irr	Casing: 20-in. to 180 ft, 12-in. from 180 ft to bottom. Slotted from 180 ft to bottom.
15-401	Farmers Canal Co.	Layne-Texas Co.	1954	1,051	18, 12	32	93.0	July 13, 1955	T,G, 203	Irr	Casing: 18-in. to 317 ft, 12-in. from 317 ft to bottom. Slotted from 225-252, 288-303, 490-505, 533-553, 576-629, 693-751, 765-798, 835-872, 882-899, 930-950, 961-967, and 996-1,044 ft. Pumping level 143.46 ft while discharging 2,000 gpm, July 13, 1955. Temp. 82°F.
22-301	H. C. Mozley	Geo. Barnett	--	361	2	14	+ 1.5 1.6 45.4	Feb. 1, 1938 Dec. 11, 1940 Mar. 27, 1957	--	D,S	Observation well.

See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
TA-80-23-101	Otto Frick	American Water Co.	1949	776	20, 12	15	53.6 61.1	Mar. 27, 1957 Feb. 7, 1964	T,E, 125	Irr	Casing: 20-in. to 205 ft, 12-in. from 205 ft to bottom. Slotted from 190 ft to bottom. Drawdown 34.34 ft after 1 hour pumping 1,560 gpm, July 19, 1955. Observation well. 4/

Victoria County

YT-66-57-901	Jarrell E. Brown	Crowell Bros.	--	968	16, 12, 7	--	75.2	Mar. 19, 1964	T,Ng	Irr	Casing: 16-in. to 300 ft, 12-in. from 300 ft to 690 ft, 7-in. from 690 ft to bottom. Slotted from 230-290, 300-360, 400-530, 600-690, and 840 ft to bottom. Measured pumping level 204.62 ft while discharging 1,430 gpm, Aug. 28, 1963. Temp. 77°F.
58-702	Richard Burrough	Henry Cleveland	1950	600	22, 16	105	135.2 66.7 65.4	July 11, 1955 Dec. 11, 1958 Feb. 27, 1963	--	Irr	Cased to bottom. Slotted from 140 ft to bottom. Measured discharge 1,570 gpm, July 11, 1955. Observation well. Temp. 75°F. 2/
67-64-610	D. J. McGehee well 1	Humble Oil & Refining Co.	1951	9,058	--	200	--	--	--	--	Oil test. 3/
80-02-501	Tom Eager	Leonard Mickelson	1951	752	18, 12	82	88.4 66.6	Sept. 18, 1958 Mar. 19, 1964	T,Ng	Irr	Cased to bottom. Slotted from 138 ft to bottom. Observation well. 4/
10-101	J. V. Wilburn	Katy Drilling Co.	1956	880	20, 12	80	77.1 63.7 67.0	Sept. 8, 1958 Apr. 30, 1959 Feb. 11, 1964	T,Ng, 180	Irr	Casing: 20-in. to 303 ft, 12-in. from 303 ft to bottom. Screen from 270 ft to bottom. Measured drawdown 35.99 ft after 28 hours pumping 2,300 gpm.
701	Edmond Kainer	H & S Drilling Co.	1958	450	12, 10	69	40.7 40.2	Nov. 11, 1958 Feb. 13, 1964	T,E, 60	Irr	Casing: 12-in. to 200 ft, 10-in. from 200 ft to bottom. Slotted from 160-172, 189-197, 212-230, 235-260, 285-333, 365-401, and 428 ft to bottom. Measured discharge 1,170 gpm, May 5, 1959.
11-101	Anton Otto	do	1956	470	12	--	61.8 44.3	Dec. 4, 1958 Mar. 19, 1964	T,Ng	Irr	Cased to bottom. Slotted from 162-215, 365-390, and 435 ft to bottom. Reported discharge 1,180 gpm in 1956. Observation well.
102	H. W. Scallorn well 1	Carlson & Kaulbach	1962	6,707	--	50	--	--	--	--	Oil test. 3/
19-501	G. E. McKamey	Townsend Water Well Service	1955	324	8	30	24.9 25.1	Nov. 11, 1958 Mar. 23, 1964	T,G	Irr	Cased to bottom. Slotted from 158-190, 235-266, and 290 ft to bottom. Measured discharge 330 gpm, May 5, 1959.

Wharton County

ZA-66-45-804	R. E. Meek	Leonard Mickelson	1951	388	18, 12	--	39.9 46.0	Mar. 19, 1956 Mar. 9, 1960	T,Ng	Irr	Casing: 18-in. to 153 ft, 12-in. from 153 ft to bottom. Slotted from 110 ft to bottom. Pumping level 93.76 ft, while discharging 1,675 gpm, July 11, 1955.
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See footnotes at end of table.

Table 6.--Records of wells in Jackson and adjacent counties--Continued

Well	Owner	Driller	Date completed	Depth of well (ft)	Diameter of well (in.)	Altitude of land surface (ft)	Water level		Method of lift	Use of water	Remarks
							Below land-surface datum (ft)	Date of measurement			
ZA-66-52-204	L. R. Sublett	Katy Drilling Co.	1956	597	18, 16, 12	114	57.3 62.6	Oct. 22, 1959 Mar. 20, 1964	T,G	Irr	Casing: 18-in. to 231 ft, 16-in. from 231 to 362 ft, 12-in. from 362 ft to bottom.
902	John Mayfield	Hensley Kieth	1954	360	16, 14	--	--	--	T,Ng, 150	Irr	Pump set at 110 ft.
53-106	Lester Glaze	Otto Mickelson	--	200	24, 9	--	35.7 52.1	Feb. 4, 1938 Feb. 18, 1964	--	Irr	Observation well. Not in use. ^{4/}
407	Norris Raun	Leonard Mickelson	1954	429	20, 16, 12	97	37.7 52.4	Mar. 24, 1960 Mar. 20, 1964	T,Ng	Irr	Casing: 20-in. to 202 ft, 16-in. from 202 ft to 303 ft, 12-in. from 303 ft to bottom. Slotted from 100 ft to 424 ft. Drilled to 601 ft, plugged back to 429 ft.
61-305	Allen Bros.	do	1952	599	20, 18, 16, 12	84	40.1 44.9	Mar. 19, 1956 Mar. 20, 1964	T,G	Irr	Casing: 20-in. to 153 ft, 18-in. from 153 to 201 ft, 16-in. from 201 to 261 ft, and 12-in. from 261 ft to bottom. Slotted from 134-243, 256-282, 292-303, 312-445, 456-471, 508-537, and 553 ft to bottom. Pumping level 108.9 ft while discharging 2,100 gpm, July 14, 1955. Observation well. ^{4/}
62-501	Adrian Johnson	Otto Mickelson	--	290	24	--	25.1 42.1	Mar. 24, 1934 Feb. 7, 1964	--	Irr	Cased to bottom. Slotted from 57 ft to bottom. Observation well. ^{4/}
505	Walter Garrett	American Water Co.	1950	450	18, 14	77	36.9 42.3	Mar. 17, 1960 Mar. 20, 1964	T,Ng	Irr	Casing: 18-in. to 140 ft, 14-in. from 140 ft to bottom. Slotted from 140 ft to bottom.
904	R. B. Wallace	Leonard Mickelson	1955	574	20, 16, 12	72	45.4 53.1	Mar. 21, 1956 Mar. 20, 1964	T,Ng, 140	Irr	Casing: 20-in. to 200 ft, 16-in. from 200 to 316 ft, and 12-in. from 316 ft to bottom. Slotted from 162 ft to bottom. Observation well. ^{4/}

* For analyses of water from wells in Jackson and adjacent counties, see Table 9.

^{1/} For drillers' logs of wells in Jackson and adjacent counties, see Table 7.

^{2/} Electric logs in files of U.S. Geological Survey, Austin, Texas.

^{3/} Electric logs in files of Texas Water Development Board.

^{4/} For water-level measurements from wells in Jackson and adjacent counties, see Table 8.

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Jackson County

Well PP-66-50-801

Owner: Paschall and Utz. Driller: Katy Drilling Co.

Topsoil and clay -----	42	42	Clay -----	31	438
Sand -----	11	53	Sand -----	19	457
Clay -----	16	69	Rock and sand -----	26	483
Sand -----	3	72	Clay -----	24	507
Clay -----	12	84	Sand and rock -----	38	545
Rock -----	26	110	Clay -----	80	625
Clay -----	16	126	Rock and sand -----	26	651
Rock -----	1	127	Clay -----	30	681
Clay -----	5	132	Rock and sand -----	18	699
Sand -----	5	137	Clay -----	11	710
Rock -----	1	138	Rock and sand -----	31	741
Clay and sand strips ----	60	198	Clay -----	12	753
Clay -----	31	229	Rock -----	3	756
Sand -----	25	254	Sand -----	8	764
Clay -----	27	281	Clay, sandy -----	4	768
Sand -----	31	312	Sand -----	51	819
Clay -----	45	357	Clay -----	3	822
Sand -----	50	407	Sand, rocky, and clay bottom -----	64	886

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-51-302

Owner: Dean and Travis Morton. Driller: Katy Drilling Co.

Topsoil and clay -----	12	12	Sand and rock -----	76	302
Sand -----	17	29	Clay -----	16	318
Clay -----	47	76	Sand, tight -----	22	340
Sand -----	10	86	Clay and small sand strips -----	39	379
Clay -----	16	102	Sand -----	37	416
Sand -----	4	106	Rock -----	2	418
Rock -----	4	110	Sand -----	25	443
Sand -----	2	112	Clay -----	12	455
Clay -----	5	117	Sand -----	12	467
Sand -----	11	128	Clay -----	22	489
Clay -----	22	150	Sand -----	69	558
Sand -----	18	168	Sand and small clay strips -----	12	570
Clay -----	26	194	Sand -----	28	598
Sand and hard rock -----	5	199	Clay -----	15	613
Clay -----	27	226	Sand and clay bottom ---	18	631

Well PP-66-51-504

Owner: Peck Brothers. Driller: Katy Drilling Co.

Topsoil -----	33	33	Rock -----	2	92
Sand -----	23	56	Sand, rocky -----	6	98
Clay -----	34	90	Clay -----	7	105

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-66-51-504--Continued					
Sand -----	14	119	Clay -----	22	572
Rock -----	2	121	Rock -----	5	577
Sand -----	104	225	Clay -----	12	589
Clay -----	35	260	Sand -----	27	616
Sand, rocky -----	10	270	Clay -----	8	624
Clay -----	29	299	Sand, rocky -----	86	710
Sand -----	39	338	Clay -----	30	740
Clay -----	14	352	Sand, rocky -----	15	755
Sand -----	38	390	Clay -----	75	830
Clay -----	44	434	Sand, rocky, and clay bottom -----	15	845
Sand -----	116	550			

Well PP-66-51-507

Owner: Don Fenner. Driller: O. E. Mickelson.

Clay -----	16	16	Sand -----	24	144
Sand -----	30	46	Clay, red, hard -----	12	156
Clay -----	18	64	Sand -----	11	167
Sand, rocky -----	37	101	Rock, soft -----	4	171
Rock -----	2	103	Clay -----	4	175
Chalk and sand -----	17	120	Sand -----	42	217

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-51-508

Owner: Don Fenner. Driller: O. E. Mickelson.

Soil and clay -----	30	30	Clay -----	12	155
Sand -----	6	36	Sand -----	4	159
Clay -----	7	43	Clay -----	3	162
Sand -----	31	74	Rock -----	4	166
Clay -----	7	81	Sand -----	43	209
Sand -----	18	99	Gumbo -----	19	228
Clay -----	6	105	Lime, shale -----	10	238
Sand -----	13	118	Sand -----	10	248
Clay -----	15	133	Shale -----	39	287
Sand -----	10	143	Gumbo -----	15	302

Well PP-66-51-803

Owner: Roy Budd. Driller: Katy Drilling Co.

Clay -----	30	30	Sand, rocky -----	29	246
Sand -----	26	56	Clay -----	39	285
Clay -----	28	84	Sand -----	8	293
Sand -----	8	92	Clay -----	22	315
Rock -----	36	128	Sand -----	45	360
Sand, rocky -----	34	162	Clay -----	44	404
Clay and lime rock -----	29	191	Sand, rocky -----	27	431
Rock and sand -----	7	198	Shale -----	5	436
Rock -----	19	217	Sand -----	15	451

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-66-51-803--Continued					
Shale -----	43	494	Rock -----	2	654
Sand -----	14	508	Shale -----	40	694
Shale -----	9	517	Rock -----	2	696
Sand -----	27	544	Shale -----	31	727
Shale -----	18	562	Sand -----	31	758
Sand -----	20	582	Rock -----	2	760
Shale -----	33	615	Sand, rocky -----	5	765
Sand -----	4	619	Rock -----	1	766
Rock -----	1	620	Shale -----	68	834
Sand -----	16	636	Sand, rocky, and clay bottom -----	31	865
Shale -----	16	652			

Well PP-66-51-804

Owner: Dean and Gayle Morton. Driller: Katy Drilling Co.

Topsoil -----	18	18	Clay -----	29	276
Clay -----	40	58	Sand -----	17	293
Sand -----	41	99	Clay -----	42	335
Clay -----	4	103	Sand, rocky -----	11	346
Rock and sand -----	72	175	Clay -----	12	358
Clay -----	19	194	Sand -----	25	383
Sand -----	10	204	Clay -----	17	400
Rock, lime -----	12	216	Sand -----	52	452
Sand -----	31	247	Clay -----	8	460

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-66-51-804--Continued					
Sand -----	34	494	Shale, rocky -----	6	701
Clay -----	22	516	Rock -----	2	703
Sand -----	10	526	Shale, sandy -----	18	721
Clay -----	9	535	Clay -----	5	726
Sand, rocky -----	23	558	Sand, rocky -----	17	743
Clay -----	15	573	Rock -----	1	744
Sand, rocky -----	52	625	Sand and clay bottom -----	41	785
Shale -----	55	680			
Sand -----	15	695			

Well PP-66-51-808

Owner: Paschall and Utz. Driller: Katy Drilling Co.

Topsoil and clay -----	31	31	Sand -----	20	238
Sand and small gravel --	10	41	Clay, hard -----	91	329
Clay -----	17	58	Sand -----	19	348
Sand and lime rock -----	7	65	Clay, hard -----	7	355
Clay and sand strips ---	10	75	Clay and small sand strips -----	26	381
Sand, rocky -----	20	95	Clay, hard -----	33	414
Lime, rock, hard, and sand strips -----	77	172	Sand -----	36	450
Clay -----	26	198	Clay, hard -----	28	478
Lime, rock, hard -----	5	203	Sand -----	30	508
Clay and hard strips ---	15	218	Clay -----	30	538

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-66-51-808--Continued					
Sand -----	46	584	Sand -----	68	784
Clay -----	4	588	Clay -----	28	812
Sand and clay strips ---	6	594	Sand, breaks, rocky ---	22	834
Clay, tough -----	18	612	Shale and sand strips -	26	860
Sand -----	7	619	Shale, hard -----	21	881
Rock -----	1	620	Sand -----	15	896
Clay -----	16	636	Shale -----	5	901
Sand, rocky -----	39	675	Sand -----	10	911
Clay -----	20	695	Shale, hard -----	33	944
Sand and shale -----	21	716	Sand, rocky -----	29	973

Well PP-66-51-901

Owner: Bob and Willard Hultquist. Driller: Katy Drilling Co.

Topsoil and clay -----	30	30	Sand and rock -----	29	250
Sand -----	40	70	Clay -----	55	305
Rock -----	2	72	Sand -----	10	315
Clay -----	28	100	Clay -----	20	335
Sand -----	3	103	Sand -----	5	340
Clay, rocky -----	34	137	Clay -----	15	355
Sand and clay strips ---	43	180	Sand, rocky -----	40	395
Rock, lime -----	7	187	Clay -----	48	443
Clay -----	34	221	Sand, fine, rocky -----	62	505

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well PP-66-51-901--Continued

Clay -----	12	517	Sand and clay strips --	35	655
Sand, rocky -----	22	539	Clay -----	12	667
Clay -----	34	573	Sand and clay bottom -----	35	702
Sand and rock -----	47	620			

Well PP-66-51-904

Owner: Mrs. Roy Shoop. Driller: Crowell Brothers.

Clay -----	15	15	Hard streaks -----	12	224
Sand -----	15	30	Shale -----	24	248
Clay -----	10	40	Sand -----	6	254
Sand -----	19	59	Shale -----	8	262
Clay -----	46	105	Sand and hard streaks -	25	287
Sand -----	15	120	Shale -----	27	314
Clay -----	9	129	Sand -----	27	341
Sand and hard streaks --	22	151	Shale -----	65	406
Shale -----	6	157	Sand -----	41	447
Sand and hard streaks --	25	182	Shale -----	63	510
Shale -----	8	190	Sand -----	21	531
Sand -----	22	212	Broken layers -----	61	592

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-51-905

Owner: Mrs. Roy Shoop. Driller: Crowell Brothers.

Clay -----	20	20	Sand and hard streaks -	12	231
Sand -----	26	46	Clay -----	11	242
Clay -----	29	75	Hard streaks -----	33	275
Sand -----	27	102	Sand -----	13	288
Clay -----	8	110	Hard streaks -----	3	291
Sand -----	32	142	Sand -----	21	312
Sand streaks -----	18	160	Hard streaks -----	16	328
Rock, hard -----	6	166	Sand -----	12	340
Sand streaks -----	18	184	Shale -----	15	355
Clay -----	12	196	Sand -----	30	385
Sand -----	23	219	Shale -----	5	390

Well PP-66-51-909

Owner: Harry Sharp. Driller: Leonard Mickelson.

Clay -----	11	11	Sand and lime rock layers -----	92	214
Sand, fine -----	51	62	Sand -----	50	264
Sand and lime layers ---	42	104	Clay -----	15	279
Rock -----	1	105	Sand and lime rock ----	38	317
Sand -----	17	122			

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-51-911

Owner: Trunkline Gas Co. Driller: Layne-Texas Co.

Surface -----	1	1	Sand and lime streaks -	19	302
Clay -----	16	17	Clay and lime -----	15	317
Sand -----	13	30	Clay, lime, and sand streaks -----	47	364
Clay -----	55	85	Sand -----	22	386
Clay and sand streaks --	15	100	Clay -----	28	414
Clay -----	21	121	Sand, fine, white -----	12	426
Caliche and loose sand streaks -----	26	147	Clay, sandy -----	16	442
Sand and lime streaks --	23	170	Clay and sandy clay ---	73	515
Lime -----	28	198	Sand -----	34	549
Sand -----	25	223	Clay -----	6	555
Clay and gray lime -----	60	283			

Well PP-66-52-408

Owner: M. G. Johnson. Driller: Katy Drilling Co.

Topsoil -----	12	12	Sand and rock -----	6	123
Sand -----	6	18	Rock, hard -----	17	140
Clay -----	32	50	Sand and rock -----	7	147
Sand -----	18	68	Rock, hard -----	18	165
Clay -----	27	95	Rock and sand -----	17	182
Sand -----	13	108	Clay, rocky -----	9	191
Clay -----	9	117	Sand and rock -----	14	205

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-66-52-408--Continued					
Clay -----	26	231	Clay -----	17	515
Sand and rock -----	27	258	Sand -----	19	534
Rock, hard -----	2	260	Clay -----	18	552
Rock and sand -----	21	281	Sand -----	10	562
Clay -----	56	337	Clay -----	14	576
Sand -----	50	387	Sand -----	29	605
Clay -----	13	400	Clay -----	38	643
Sand -----	11	411	Sand and clay strips --	11	654
Clay -----	33	444	Clay -----	99	753
Sand -----	7	451	Sand -----	18	771
Clay -----	33	484	Clay -----	7	778
Rock and sand -----	14	498	Sand -----	13	791

Well PP-66-52-409

Owner: M. G. Johnson. Driller: Katy Drilling Co.

Surface and clay -----	15	15	Clay -----	6	115
Sand -----	10	25	Rock -----	4	119
Clay -----	21	46	Sand, rocky -----	5	124
Sand -----	10	56	Rock -----	2	126
Clay -----	24	80	Sand -----	30	156
Clay and sand strips ---	22	102	Rock -----	1	157
Sand -----	7	109	Clay -----	3	160

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-52-409--Continued			
Clay with sand strips -- 5	165	Clay ----- 13	628
Sand with rock layers -- 39	204	Sand with rock and some clay ----- 50	678
Clay with rock and sand strips ----- 55	259	Rock ----- 1	679
Sand ----- 10	269	Clay ----- 29	708
Clay ----- 31	300	Sand ----- 4	712
Sand with lime rock and sand strips ----- 89	389	Clay with sand strips - 36	748
Rock, hard ----- 1	390	Sand ----- 11	759
Sand with clay strips -- 29	419	Clay ----- 22	781
Clay ----- 58	477	Sand ----- 14	795
Sand with clay strips -- 61	538	Clay with sand strips - 21	816
Clay ----- 17	555	Sand and rock ----- 27	843
Sand, tight, with rock and clay strips ----- 60	615	Clay ----- 33	876

Well PP-66-52-701

Owner: O. B. Fenner. Driller: Crowell Brothers.

No record ----- 360	360	Sand streaks ----- 66	496
Clay ----- 8	368	Clay ----- 2	498
Sand ----- 28	396	Sand, good ----- 13	511
Clay ----- 34	430		

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-52-704

Owner: August Cihal. Driller: Katy Drilling Co.

Topsoil and clay -----	37	37	Clay -----	10	296
Sand -----	14	51	Sand and clay strips --	26	322
Clay -----	18	69	Sand, rocky -----	48	370
Sand -----	31	100	Clay -----	17	387
Clay -----	5	105	Sand, rocky, and clay -	71	458
Sand -----	15	120	Shale, hard -----	25	483
Clay -----	39	159	Rock -----	2	485
Sand -----	19	178	Shale -----	15	498
Clay -----	8	186	Sand and rock -----	24	522
Sand -----	7	193	Shale -----	20	542
Clay -----	25	218	Sand -----	10	552
Sand -----	10	228	Shale -----	18	570
Clay -----	9	237	Sand and shale strips -	25	595
Sand and rock -----	43	280	Shale -----	6	601
Rock, hard -----	5	285	Sand and rock -----	44	645
Sand, rocky -----	1	286			

Well PP-66-52-706

Owner: August Cihal. Driller: Katy Drilling Co.

Topsoil -----	14	14	Sand, rocky -----	14	51
Sand -----	7	21	Clay, sticky -----	28	79
Clay -----	16	37	Sand -----	14	93

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-52-706--Continued			
Clay ----- 87	180	Clay ----- 10	524
Sand ----- 16	196	Sand ----- 23	547
Clay ----- 12	208	Clay ----- 5	552
Sand, rocky ----- 8	216	Sand ----- 13	565
Clay ----- 17	233	Clay, tough ----- 50	615
Sand and clay strips --- 31	264	Sand ----- 17	632
Clay ----- 16	280	Clay ----- 57	689
Sand ----- 49	329	Sand ----- 8	697
Clay ----- 22	351	Clay and sandy shale -- 15	712
Sand and clay ----- 16	367	Sand ----- 31	743
Clay ----- 43	410	Clay ----- 12	755
Sand ----- 22	432	Sand ----- 10	765
Clay ----- 14	446	Clay and sandy shale -- 47	812
Sand ----- 68	514		

Well PP-66-52-903

Owner: C. F. Spenser. Driller: Crowell Brothers.

Clay ----- 24	24	Sand ----- 35	181
Sand ----- 49	73	Clay ----- 5	186
Clay ----- 5	78	Sand ----- 27	213
Sand ----- 56	134	Clay ----- 25	238
Clay ----- 12	146		

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-52-905

Owner: Pat Smidt (S&K Farms). Driller: Layne-Texas Co.

Clay, sandy -----	33	33	Sand and gravel -----	70	232
Sand, fine -----	67	100	Clay -----	13	245
Sand and gravel -----	59	159	Sand and gravel -----	127	372
Clay -----	3	162	Clay -----	1	373

Well PP-66-52-907

Owner: Rudolph Skalicky. Driller: Crowell Brothers.

Clay, red -----	34	34	Rock -----	5	332
Sand, brown, and gravel	147	181	Shale, sandy, broken, gray -----	32	364
Clay, red -----	24	205	Shale, gray -----	64	428
Sand, gray, and sand shells -----	59	264	Shale, sandy, gray ----	38	466
Shale, gray -----	12	276	Sand, gray -----	29	495
Sand -----	51	327	Shale, gray -----	12	507

Well PP-66-57-603

Owner: J. T. Herin. Driller: Leonard Mickelson.

Clay -----	12	12	Sand -----	29	166
Sand -----	27	39	Shale, hard -----	18	184
Clay -----	16	55	Sand -----	23	207
Sand -----	33	88	Shale, hard -----	48	255
Clay -----	7	95	Sand -----	33	288
Sand and layers of lime	42	137	Gumbo -----	5	293

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-57-603--Continued			
Shale ----- 15	308	Shale, lime ----- 9	612
Sand and lime rock ----- 10	318	Sand and lime rock ----- 68	680
Shale ----- 24	342	Shale ----- 6	686
Sand and shale ----- 20	362	Sand and lime rock ----- 15	701
Sand and lime rock ----- 8	370	Shale, hard ----- 29	730
Shale ----- 15	385	Sand and shale ----- 9	739
Sand and lime rock ----- 27	412	Sand and lime rock ----- 24	763
Shale and sand ----- 15	427	Shale, rocky ----- 53	816
Sand and lime rock ----- 77	504	Rock and sand ----- 17	833
Shale ----- 12	516	Rock and shale ----- 32	865
Sand and lime rock ----- 30	546	Sand, fine, and rock layers ----- 38	903
Shale and sand ----- 16	562		
Sand and lime rock ----- 41	603		

Well PP-66-57-604

Owner: J. T. Herin. Driller: Leonard Mickelson.

Clay ----- 20	20	Sand and lime rock ----- 18	192
Gravel ----- 23	43	Sand and layers of lime ----- 71	263
Clay ----- 14	57	Sand ----- 27	290
Gravel ----- 30	87	Clay ----- 8	298
Gumbo ----- 6	93	Sand ----- 27	325
Sand and layers of lime ----- 81	174	Clay ----- 22	347

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-66-57-604--Continued					
Sand -----	8	355	Shale and clay -----	9	535
Clay and shale -----	15	370	Shale and sand -----	34	569
Sand -----	16	386	Sand -----	31	600
Sand and lime rock -----	72	458	Shale and clay -----	14	614
Rock, sand -----	23	481	Shale and sand -----	6	620
Clay -----	31	512	Sand and shale -----	16	636
Sand and lime rock -----	14	526	Sand -----	28	664

Well PP-66-58-301

Owner: Paul Henderson. Driller: Leonard Mickelson.

Soil and clay -----	25	25	Shale -----	25	264
Sand -----	6	31	Sand -----	28	292
Lime -----	30	61	Shale -----	44	336
Sand -----	8	69	Sand -----	6	342
Clay -----	15	84	Shale -----	20	362
Shale -----	23	107	Sand -----	39	401
Sand -----	11	118	Shale -----	30	431
Rock, lime -----	21	139	Sand -----	19	450
Sand, rocky -----	33	172	Shale -----	12	462
Rock, lime -----	4	176	Sand -----	5	467
Shale -----	4	180	Shale -----	26	493
Sand, rocky -----	59	239	Sand, rocky -----	54	547

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-58-301--Continued

Shale -----	7	554	Shale and rocky sand --	35	682
Sand, rocky -----	50	604	Sand, rocky -----	22	704
Shale -----	17	621	Shale and sand -----	5	709
Sand and shale -----	26	647	Sand, rocky -----	35	744

Well PP-66-58-401

Owner: J. T. Herin. Driller: Leonard Mickelson.

Clay -----	20	20	Shale and lime rock ---	18	349
Gravel -----	23	43	Sand and lime rock ----	15	364
Clay -----	14	57	Shale and sand -----	15	379
Gravel -----	30	87	Sand and lime rock ----	46	425
Gumbo -----	6	93	Sand and shale -----	15	440
Sand and lime rock ----	81	174	Sand and lime rock ----	49	489
Gumbo -----	20	194	Shale, sticky -----	16	505
Sand and lime rock ----	23	217	Sand and lime rock ----	45	550
Shale, lime -----	39	256	Shale and sand -----	10	560
Sand and lime rock ----	31	287	Sand and lime rock ----	16	576
Shale, hard -----	10	297	Shale -----	12	588
Sand and lime rock ----	21	318	Rock and sand -----	17	605
Shale -----	8	326	Shale, lime -----	10	615
Sand and lime rock ----	5	31	Rock and sand -----	45	660

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-58-402

Owner: J. T. and G. H. Herin. Driller: Leonard Mickelson.

Soil and sand -----	6	6	Sand, lime, rock -----	25	314
Clay and sand -----	18	24	Shale -----	19	333
Sand -----	30	54	Sand, lime, rock -----	22	355
Rock -----	1	55	Shale and sand -----	21	376
Clay, layers, and rocky sand -----	14	69	Sand, rocky -----	6	382
Sand and rock -----	45	114	Sand and shale -----	12	394
Sand and Austin Chalk --	22	136	Sand, rocky -----	57	451
Sand and lime rock -----	66	202	Sand and shale -----	34	485
Shale, red -----	11	213	Sand and lime rock ----	35	520
Sand and lime rock -----	20	233	Sand and lime -----	47	567
Shale, hard -----	22	255	Shale and lime -----	79	646
Sand -----	4	259	Sand, rocky -----	54	700
Shale, hard -----	30	289	Lime and rock -----	43	743

Well PP-66-58-403

Owner: J. T. Herin. Driller: Leonard Mickelson.

Soil and clay -----	12	12	Sand -----	24	179
Sand, rocky -----	48	60	Shale -----	14	193
Shale -----	10	70	Sand -----	22	215
Sand, rocky -----	51	121	Shale -----	12	227
Shale -----	34	155	Sand, rocky -----	50	277

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-58-404--Continued			
Shale, red ----- 39	292	Rock and sand ----- 33	581
Sand and lime rock ----- 19	311	Sand and shale ----- 14	595
Rock ----- 1	312	Sand and lime rock ----- 28	623
Shale ----- 13	325	Sand and shale ----- 14	637
Sand and lime rock ----- 55	380	Sand and lime rock ----- 46	683
Sand and lime shale ----- 9	389	Shale and rock ----- 19	702
Sand and lime rock ----- 54	443	Shale ----- 10	712
Shale and sand ----- 29	472	Sand and rock ----- 9	721
Shale, red ----- 5	477	Shale, hard ----- 10	731
Sand and lime rock ----- 51	528	Sand and rock ----- 30	761
Shale ----- 20	548		

Well PP-66-58-405

Owner: J. T. Herin. Driller: Leonard Mickelson.

Clay ----- 20	20	Shale, sticky ----- 5	150
Sand ----- 18	38	Sand, rocky ----- 16	166
Clay ----- 7	45	Shale ----- 8	174
Shale ----- 6	51	Sand, rocky ----- 34	208
Sand ----- 18	69	Shale, red ----- 17	225
Shale, rocky ----- 8	77	Sand ----- 7	232
Shale, sticky ----- 4	81	Shale ----- 15	247
Sand, rocky ----- 64	145	Sand, rocky ----- 7	254

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-66-58-403--Continued					
Shale -----	25	302	Shale -----	12	656
Sand, rocky -----	38	340	Shale and sand -----	19	675
Shale -----	14	354	Sand, rocky -----	47	722
Sand, rocky -----	19	373	Shale and sand -----	15	737
Shale -----	4	377	Shale -----	24	761
Sand, rocky -----	85	462	Sand, rocky -----	49	810
Shale -----	8	470	Shale -----	88	898
Sand, rocky -----	71	541	Sand -----	6	904
Shale -----	31	572	Shale -----	28	932
Sand, rocky -----	7	579	Sand -----	5	937
Shale -----	29	608	Shale -----	25	962
Sand, rocky -----	16	624	Sand -----	35	997
Shale and sand -----	20	644			

Well PP-66-58-404

Owner: J. T. Herin. Driller: Leonard Mickelson.

Clay, hard -----	24	24	Sand and lime rock ----	28	134
Sand -----	23	47	Shale, red -----	4	138
Rock -----	1	48	Sand and lime rock ----	52	190
Clay -----	11	59	Sand, layers of shale -	12	202
Sand -----	6	65	Sand and lime rock ----	23	225
Rock and caliche -----	41	106	Sand and shale -----	28	253

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-58-405--Continued			
Shale ----- 36	290	Shale, sticky ----- 12	536
Sand, rocky ----- 34	324	Sand ----- 6	542
Shale ----- 8	332	Shale ----- 7	549
Sand, rocky ----- 41	373	Sand, rocky ----- 24	573
Lime ----- 5	378	Shale ----- 8	581
Sand, rocky ----- 38	416	Sand, rocky ----- 53	634
Shale, sticky ----- 7	423	Shale ----- 18	652
Sand, rocky ----- 101	524	Sand, rocky ----- 101	753

Well PP-66-58-801

Owner: Homer Glaze. Driller: Leonard Mickelson.

Soil and clay ----- 15	15	Sand, rocky ----- 21	235
Sand ----- 54	69	Shale ----- 18	253
Clay ----- 10	79	Sand, rocky ----- 18	271
Sand ----- 16	95	Shale ----- 5	276
Lime and rock ----- 15	110	Sand, rocky ----- 40	316
Sand ----- 10	120	Gumbo and shale ----- 44	360
Gumbo, lime, and rock -- 13	133	Sand, rocky ----- 7	367
Sand ----- 14	147	Shale ----- 13	380
Shale, hard, lime ----- 28	175	Sand and shale ----- 41	421
Sand, rocky ----- 16	191	Sand, rocky ----- 23	444
Shale, hard ----- 23	214	Shale ----- 13	457

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-58-801--Continued

Sand, rocky -----	29	486	Shale -----	4	550
Shale and sand -----	17	503	Sand, rocky -----	15	665
Sand, rocky -----	43	546			

Well PP-66-58-901

Owner: Harold, John, and Francis Koop. Driller: Leonard Mickelson.

Soil, rocky, and clay --	24	24	Sand, rocky -----	146	374
Sand -----	28	52	Shale -----	8	382
Clay -----	4	56	Sand, rocky -----	4	386
Sand -----	18	74	Sand, rocky, and hard shale layers -----	47	433
Clay -----	4	78	Shale, hard -----	32	465
Sand -----	12	90	Sand, rocky -----	53	518
Clay -----	13	103	Shale, sticky -----	25	543
Sand and layers of shale -----	32	135	Sand, rocky -----	78	621
Sand -----	10	145	Shale -----	14	635
Sand, rocky, and shale -	17	162	Sand, rocky -----	64	699
Sand, rocky -----	22	184			
Shale, layers, and sand -----	44	228			

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-58-902

Owner: Harold, John, and Francis Koop. Driller: Leonard Mickelson.

Soil and clay ----- 22	22	Sand, rocky ----- 28	410
Sand ----- 149	171	Gumbo ----- 12	422
Shale, rocky ----- 59	230	Sand, rocky ----- 88	510
Sand, rocky ----- 81	311	Gumbo ----- 6	516
Shale ----- 10	321	Sand, rocky ----- 57	573
Sand, rocky ----- 53	374	Shale, sticky ----- 17	590
Shale ----- 8	382	Sand, rocky ----- 67	657

Well PP-66-58-903

Owner: Harold, John, and Francis Koop. Driller: Leonard Mickelson.

Soil and clay ----- 28	28	Sand, rocky ----- 84	289
Sand, coarse ----- 12	40	Shale ----- 11	300
Shale, clay ----- 24	64	Sand, rocky ----- 137	437
Sand ----- 29	93	Shale, lime ----- 54	491
Clay ----- 8	101	Sand, rocky ----- 26	517
Shale and sand layers -- 37	138	Shale, sticky ----- 26	543
Sand ----- 10	148	Sand, lime, rock ----- 77	620
Shale, gumbo ----- 13	161	Gumbo ----- 12	632
Shale and sand ----- 44	205	Sand, rocky ----- 63	695

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-59-201

Owner: L. R. Hollingworth. Driller: Katy Drilling Co.

Topsoil and clay -----	18	18	Clay -----	30	470
Sand -----	9	27	Sand -----	21	491
Clay -----	8	35	Clay -----	22	513
Sand -----	9	44	Sand -----	5	518
Clay, tough, rocky -----	86	130	Clay -----	16	534
Rock, lime, clay, and sand strips -----	18	148	Sand and rock -----	46	580
Rock -----	4	152	Clay and rock -----	73	653
Rock, lime, and sand ---	56	208	Sand -----	28	681
Clay, blue -----	19	227	Clay and rock -----	16	697
Sand, rocky -----	13	240	Sand -----	15	712
Hardrock -----	5	245	Clay -----	36	748
Shale -----	5	250	Sand, rocky -----	26	774
Sand, rocky -----	50	300	Clay -----	8	782
Clay, tough -----	14	314	Sand, rocky -----	35	817
Sand -----	41	355	Shale -----	16	833
Clay -----	11	366	Rock -----	2	835
Sand, rocky -----	45	411	Sand -----	10	845
Clay -----	15	426	Shale -----	16	861
Sand and rock -----	14	440	Sand and shale bottom -	73	934

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-59-202

Owner: C. E. Glaze. Driller: Leonard Mickelson.

Soil and clay -----	8	8	Shale, sticky -----	9	617
Sand -----	15	23	Shale and sand -----	21	638
Shale -----	11	34	Sand, rocky -----	9	647
Sand -----	35	69	Shale -----	18	665
Shale and sand -----	16	85	Sand, rocky -----	11	676
Sand -----	27	112	Shale -----	6	682
Shale and rocky sand ---	4	116	Sand, rocky -----	10	692
Sand -----	15	131	Shale -----	13	705
Shale and sand -----	15	146	Sand -----	6	711
Sand, rocky -----	73	219	Shale -----	12	723
Shale, sticky -----	20	239	Sand, rocky -----	18	741
Sand, rocky -----	89	328	Shale -----	8	749
Shale, sticky -----	44	372	Sand, rocky -----	16	765
Sand and shale -----	22	394	Shale -----	10	775
Sand, rocky -----	35	429	Sand, rocky -----	28	803
Shale -----	22	451	Shale -----	10	813
Sand and shale -----	8	459	Sand, rocky -----	20	833
Shale, sticky -----	40	499	Shale -----	12	845
Sand, rocky -----	51	550	Sand -----	5	850
Shale and sand -----	58	608	Shale, sticky -----	23	873

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-59-301

Owner: R. H. Thomas, Sr. Driller: H. L. Powell.

Surface -----	10	10	Sand -----	30	425
Clay -----	15	25	Shale -----	20	445
Sand and shale -----	135	160	Sand -----	20	465
Sand -----	80	240	Shale -----	5	470
Shale -----	25	265	Sand -----	15	485
Sand -----	50	315	Shale, sticky -----	55	540
Shale -----	25	340	Sand -----	50	590
Sand -----	20	360	Shale -----	10	600
Shale -----	35	395	Sand -----	147	747

Well PP-66-59-302

Owner: Ben R. Arnold. Driller: Leonard Mickelson.

Soil and clay -----	12	12	Sand, rocky, good -----	48	239
Sand and rock -----	38	50	Gumbo -----	11	250
Shale, lime, and sand --	33	83	Sand, rocky, good -----	25	275
Sand, shale, good -----	32	115	Gumbo -----	10	285
Sand, rocky, good -----	42	157	Rock and sand, good ---	19	304
Shale -----	12	169	Shale -----	8	312
Sand, rocky, good -----	16	185	Sand, rocky, good -----	36	348
Shale -----	6	191			

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-59-307

Owner: C. H. Sample. Driller: Leonard Mickelson.

Clay -----	8	8	Clay -----	8	233
Sand -----	7	15	Sand -----	11	244
Clay and layers of sand -----	51	66	Clay -----	39	283
Sand -----	11	77	Sand -----	26	309
Rock -----	1	78	Shale, hard -----	12	321
Clay -----	60	138	Shale, hard, and sand -	24	345
Sand and layers of clay -----	23	161	Shale, lime, and sand -	22	367
Sand -----	49	210	Gumbo -----	40	407
Rock and layers of sand -----	15	225	Shale, lime -----	35	442
			Lime, shale, and sand -	132	574

Well PP-66-59-308

Owner: R. H. Thomas, Sr. Driller: Katy Drilling Co.

Topsoil -----	80	80	Rock, lime, and sand strips -----	29	221
Clay and short strips of sand -----	35	115	Sand -----	67	288
Rock, lime -----	36	151	Clay, lime rock, and sand strips -----	3	291
Sand and rock strips ---	10	161	Sand -----	14	305
Rock -----	1	162	Clay and lime rock ----	4	309
Sand and rock strips ---	30	192			

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-66-59-308--Continued					
Sand -----	40	349	Sand -----	12	657
Clay -----	115	464	Clay -----	12	669
Sand -----	10	474	Sand -----	16	685
Clay -----	141	615	Clay -----	7	692
Sand -----	12	627	Sand -----	63	755
Clay -----	18	645	Clay -----	61	816

Well PP-66-59-901

Owner: Joe Hafernicks. Driller: Leonard Mickelson.

Soil and clay -----	23	23	Shale -----	19	328
Sand -----	27	50	Sand, rocky -----	24	352
Shale -----	63	113	Shale, blue -----	7	359
Sand -----	37	150	Sand, rocky -----	60	419
Shale -----	4	154	Shale -----	15	434
Sand -----	6	160	Sand, rocky -----	32	466
Shale, blue -----	21	181	Shale, sticky -----	34	500
Sand -----	8	189	Sand, rocky -----	33	533
Shale -----	5	194	Shale -----	5	538
Sand, rocky -----	89	283	Sand -----	4	542
Shale -----	5	288	Shale -----	36	578
Sand, rocky -----	21	309	Sand, rocky -----	52	630

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
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Well PP-66-60-106

Owner: B. J. Skalicky. Driller: Crowell Brothers.

Surface -----	64	64	Shale -----	43	349
Sand -----	23	87	Sand, hard -----	15	364
Clay -----	63	150	Hard streaks -----	12	376
Sand -----	27	177	Shale -----	8	384
Shale -----	18	195	Sand -----	11	395
Sand -----	13	208	Shale -----	45	440
Hard streaks -----	3	211	Sand -----	77	517
Shale -----	5	216	Shale -----	25	542
Sand -----	31	247	Sand -----	24	566
Rock -----	9	256	Shale -----	18	584
Sand -----	50	306			

Well PP-66-60-201

Owner: Ganado Farms. Driller: Leonard Mickelson.

Soil and clay -----	18	18	Sand, rocky -----	68	265
Sand -----	114	132	Clay -----	24	289
Clay -----	21	153	Sand, rocky -----	21	310
Sand -----	8	161	Clay and lime rock ----	76	386
Clay -----	4	165	Sand -----	21	407
Sand -----	18	183	Gumbo -----	26	433
Clay -----	14	197	Sand, rocky -----	104	537

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-60-201--Continued

Clay -----	13	550	Shale, sticky -----	27	621
Sand -----	44	594	Sand, rocky -----	50	671

Well PP-66-60-205

Owner: M. W. Mauritz. Driller: Burt Well Service.

Surface -----	3	3	Sand and gravel -----	4	147
Clay -----	5	8	Lime -----	1	148
Sand -----	28	36	Sand and gravel -----	31	179
Clay -----	12	48	Clay -----	13	192
Sand and gravel -----	25	73	Sand -----	5	197
Clay -----	2	75	Clay -----	6	203
Sand and gravel -----	67	142	Sand -----	21	224
Lime -----	1	143			

Well PP-66-60-206

Owner: Frank Skalicky. Driller: Leonard Mickelson.

Clay -----	19	19	Clay -----	15	171
Sand -----	22	41	Sand, coarse -----	30	201
Clay -----	16	57	Clay -----	10	211
Sand -----	99	156	Sand, coarse -----	47	258

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-60-301

Owner: C. F. Spenser. Driller: Crowell Brothers.

Clay -----	48	48	Sand and hard -----	17	227
Sand and gravel -----	50	98	Hard -----	3	230
Clay -----	26	124	Sand -----	8	238
Sand -----	51	175	Shale -----	6	244
Shale -----	15	190	Sand and hard -----	8	252
Sand -----	5	195	Shale -----	2	254
Shale and hard -----	15	210			

Well PP-66-60-302

Owner: Rudolph Skalicky. Driller: Leonard Mickelson.

Soil and clay -----	25	25	Sand, rocky -----	24	263
Sand, coarse -----	82	107	Rock and sand -----	10	273
Shale -----	6	113	Sand, rocky -----	15	288
Sand, rocky -----	86	199	Shale -----	21	309
Shale -----	3	202	Sand, rocky -----	5	314
Sand, rocky -----	32	234	Shale -----	3	317
Shale -----	5	239	Sand, rocky -----	43	360

Well PP-66-60-306

Owner: Arnold Johnson. Driller: Leonard Mickelson.

Soil and clay -----	43	43	Lime, rocky -----	7	62
Sand -----	12	55	Sand, rocky -----	162	224

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-60-308

Owner: Charles F. Smith. Driller: Crowell Brothers.

Clay -----	41	41	Sand, gravel, and hard shell -----	62	212
Sand -----	109	150			

Well PP-66-60-311

Owner: O. E. Gallow. Driller: Leonard Mickelson.

Soil and clay -----	18	18	Shale -----	5	53
Sand -----	10	28	Sand -----	130	183
Clay -----	12	40	Clay -----	5	188
Sand -----	8	48	Sand, rocky -----	64	254

Well PP-66-60-503

Owner: Frank Skalicky. Driller: Leonard Mickelson.

Soil and clay -----	54	54	Shale -----	18	184
Sand -----	67	121	Sand, rocky -----	39	223
Shale -----	4	125	Shale -----	12	235
Sand -----	29	154	Sand -----	40	275
Shale -----	8	162	Gumbo -----	5	280
Sand -----	4	166	Sand, rocky -----	102	382

Well PP-66-60-505

Owner: M. W. Mauritz. Driller: Crowell Brothers.

Clay -----	35	35	Clay -----	16	128
Sand -----	77	112	Sand -----	19	147

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-66-60-505--Continued					
Clay -----	13	160	Sand -----	6	316
Sand -----	62	222	Sand, hard -----	29	345
Rock -----	2	224	Shale and sand -----	11	356
Sand and hard streaks --	58	282	Sand -----	19	375
Rock -----	2	284	Sand, hard -----	11	386
Sand -----	20	304	Sand -----	11	397
Shale -----	6	310			

Well PP-66-60-608

Owner: Joe Hafernicks. Driller: Crowell Brothers.

Clay -----	12	12	Sand and hard streaks -	33	145
Sand -----	5	17	Clay -----	12	157
Clay -----	28	45	Sand -----	39	196
Sand -----	51	96	Gravel -----	40	236
Clay -----	16	112			

Well PP-66-60-610

Owner: Arthur Lind. Driller: Crowell Brothers.

Clay -----	18	18	Clay -----	8	76
Sand -----	12	30	Sand -----	96	172
Clay -----	12	42	Clay -----	6	178
Sand -----	26	68	Sand and gravel -----	24	202

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-60-611

Owner: Ganado Flying Service. Driller: Crowell Brothers.

Clay, brown -----	20	20	Clay -----	18	122
Sand -----	84	104	Sand -----	19	141

Well PP-66-60-703

Owner: M. T. Simons, Jr. Driller: Leonard Mickelson.

Soil and clay -----	15	15	Sand, rocky -----	18	150
Sand and lime rock -----	6	21	Gumbo -----	17	167
Clay -----	48	69	Sand, rocky -----	49	216
Sand, rocky -----	10	79	Shale -----	46	262
Clay -----	13	92	Sand, rock -----	130	392
Sand, rocky -----	16	108	Sand and lime layers --	17	409
Clay -----	24	132	Sand, rocky -----	106	515

Well PP-66-60-704

Owner: Maxine Weeks Harrison. Driller: O. E. Mickelson.

Soil and clay -----	17	17	Sand and rocks -----	24	158
Sand -----	6	23	Clay -----	29	187
Clay -----	62	85	Lime, shale, and sand -	22	209
Sand -----	5	90	Lime and shale -----	5	214
Clay -----	10	100	Sand, rocky -----	18	232
Sand -----	20	120	Clay -----	10	242
Clay -----	14	134	Sand -----	10	252

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-66-60-704--Continued					
Clay -----	16	268	Lime, gumbo -----	35	386
Sand -----	16	284	Sand -----	20	406
Lime, gumbo -----	6	290	Gumbo -----	22	428
Sand -----	8	298	Sand -----	15	443
Lime, shale -----	24	322	Shale -----	19	462
Lime, shale, and sand --	26	348	Sand -----	44	506
Rock -----	3	351			

Well PP-66-60-902

Owner: City of Ganado. Driller: Henry Cleveland.

Soil, surface -----	30	30	Sand -----	20	322
Sand -----	10	40	Shale -----	10	332
Shale -----	86	126	Sand and hard streaks -	21	353
Sand -----	31	157	Shale and sand streaks	27	380
Shale -----	10	167	Sand and hard streaks -	30	410
Sand -----	18	185	Shale -----	20	430
Shale and sand streaks -	41	226	Sand, hard -----	35	465
Sand -----	36	262	Shale -----	3	468
Shale -----	6	268	Sand and shale streaks	14	482
Sand -----	9	277	Shale -----	25	507
Sand and hard streaks --	13	290	Sand, hard -----	34	541
Shale -----	12	302	Shale, streaks -----	8	549

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-60-902--Continued			
Sand ----- 115	664	Sand ----- 42	964
Shale ----- 10	674	Shale, sandy ----- 20	984
Sand ----- 11	685	Sand ----- 51	1,035
Shale and sandy streaks 62	747	Shale ----- 15	1,050
Shale, sandy ----- 15	762	Sand ----- 20	1,070
Sand ----- 26	788	Shale ----- 115	1,185
Shale ----- 7	795	Sand ----- 8	1,193
Sand and shale streaks - 13	808	Shale ----- 7	1,200
Sand, hard ----- 27	835	Sand ----- 12	1,212
Shale ----- 61	896	Shale ----- 18	1,230
Sand ----- 11	907	Sand ----- 61	1,291
Shale ----- 15	922		

Well PP-66-60-903

Owner: City of Ganado. Driller: Henry Cleveland.

Clay ----- 20	20	Sand and gravel ----- 65	290
Sand ----- 48	68	Clay ----- 14	304
Clay ----- 28	96	Sand and gravel ----- 65	369
Sand and gravel ----- 12	108	Sand and hard streaks - 46	415
Clay ----- 16	124	Clay ----- 9	424
Sand and gravel ----- 76	200	Gravel ----- 31	455
Clay ----- 25	225	Clay ----- 52	507

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-60-903--Continued			
Sand ----- 38	545	Shale ----- 24	1,050
Clay ----- 13	558	Shale, hard ----- 4	1,054
Sand ----- 26	584	Clay ----- 102	1,156
Sand and hard streaks -- 73	657	Sand, streaks ----- 19	1,175
Shale ----- 19	676	Shale ----- 6	1,181
Sand ----- 9	685	Sand, hard ----- 6	1,187
Clay ----- 58	743	Sand ----- 18	1,205
Sand, streaks ----- 90	833	Shale, hard ----- 10	1,215
Sand, broken ----- 65	898	Shale ----- 9	1,224
Sand ----- 10	908	Sand, medium coarse --- 61	1,285
Shale ----- 6	914	Shale, red ----- 6	1,291
Sand ----- 112	1,026		

Well PP-66-61-102

Owner: Dave Linquist. Driller: Crowell Brothers.

Clay ----- 15	15	Clay ----- 19	252
Sand ----- 43	58	Sand and shell ----- 30	282
Clay ----- 6	64	Clay ----- 4	286
Sand ----- 111	175	Sand and shells ----- 20	306
Sand and hard streaks -- 55	230	Clay and sand streaks - 98	404
Rock ----- 3	233		

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-61-206

Owner: Joe Krenek. Driller: Crowell Brothers.

Clay -----	18	18	Shale -----	14	334
Sand -----	20	38	Sand -----	14	348
Clay -----	48	86	Shale and hard streaks	21	369
Sand -----	42	128	Rock -----	4	373
Clay -----	7	135	Sand, broken -----	19	392
Sand -----	13	148	Shale -----	46	438
Hard streaks -----	12	160	Sand and shale -----	14	452
Sand -----	26	186	Shale -----	8	460
Shale -----	8	194	Sand -----	26	486
Sand -----	72	266	Shale -----	12	498
Shale -----	16	282	Sand -----	6	504
Sand -----	18	300	Shale -----	10	514
Shale -----	8	308	Sand -----	34	548
Sand -----	12	320	Shale -----	2	550

Well PP-66-61-406

Owner: V. J. Hlavinka. Driller: H. L. Powell.

Surface -----	8	8	Sand -----	21	106
Clay -----	12	20	Shale -----	56	162
Sand -----	40	60	Sand -----	113	275
Clay -----	25	85			

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-66-61-603

Owner: Joe Heard. Driller: Crowell Brothers.

Clay -----	35	35	Sand -----	14	167
Sand -----	35	70	Clay -----	13	180
Clay -----	10	80	Sand and gravel -----	55	235
Sand -----	25	105	Sand and hard streaks -	39	274
Clay -----	13	118	Sand -----	24	298
Sand and gravel -----	27	145	Clay -----	4	302
Clay -----	8	153	Sand and gravel -----	29	331

Well PP-66-61-701

Owner: I. T. Taylor. Driller: Crowell Brothers.

Clay -----	30	30	Sand and gravel -----	97	152
Sand -----	10	40	Clay -----	16	168
Clay -----	15	55	Sand -----	39	207

Well PP-66-61-702

Owner: M. W. Mauritz. Driller: George Burt.

Surface -----	3	3	Clay -----	7	77
Clay -----	8	11	Formation, broken -----	5	82
Formation, broken -----	12	23	Sand and gravel -----	24	106
Clay -----	4	27	Clay -----	11	117
Sand -----	15	42	Sand and gravel -----	14	131
Clay -----	5	47	Clay -----	6	137
Sand and gravel -----	23	70	Sand and gravel -----	60	197

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-61-702--Continued			
Lime ----- 1	198	Clay ----- 10	262
Sand and gravel ----- 13	211	Sand ----- 3	265
Lime and clay ----- 6	217	Clay ----- 2	267
Sand ----- 9	226	Sand ----- 18	285
Clay and lime ----- 3	229	Formation, broken ----- 6	291
Sand and lime streaks -- 10	239	Sand ----- 24	315
Formation, broken ----- 13	252		

Well PP-66-61-801

Owner: O. W. Nyegaard. Driller: Charles Chase.

No record ----- 50	50	Clay ----- 12	190
Sand ----- 20	70	Sand ----- 5	195
Clay ----- 30	100	Clay ----- 5	200
Sand ----- 7	107	Sand ----- 30	230
Clay ----- 23	130	Clay ----- 8	238
Sand ----- 15	145	Sand ----- 23	261
Clay ----- 8	153	Clay ----- 9	270
Sand ----- 25	178		

Well PP-66-61-904

Owner: Glen Roome, Jr. Driller: Crowell Brothers.

Clay ----- 60	60	Clay ----- 66	142
Sand ----- 16	76	Sand ----- 14	156

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-66-61-904--Continued			
Shale ----- 28	184	Shale and hard streaks 50	316
Sand ----- 10	194	Shale ----- 30	346
Shale and hard streaks - 60	254	Sand and shale ----- 70	416
Sand ----- 10	264	Shale ----- 6	422
Rock ----- 2	266	Sand ----- 43	465

Well PP-80-02-601

Owner: Clifton R. Hicks. Driller: Katy Drilling Co.

Topsoil and clay ----- 26	26	Clay ----- 26	311
Sand ----- 10	36	Shale, sandy ----- 17	328
Clay ----- 5	41	Sand, rocky ----- 47	375
Sand and small strips -- 20	61	Clay ----- 49	424
Clay ----- 15	76	Sand, rocky ----- 10	434
Sand ----- 10	86	Shale ----- 12	446
Clay ----- 20	106	Sand ----- 52	498
Sand ----- 5	111	Shale ----- 152	650
Clay ----- 8	119	Rock ----- 11	661
Sand ----- 15	134	Sand, rocky ----- 11	672
Clay ----- 28	162	Shale ----- 54	726
Sand, rocky ----- 46	208	Sand ----- 17	743
Clay ----- 10	218	Shale, sandy ----- 79	822
Sand, rocky ----- 67	285	Sand and shale bottom - 27	849

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-02-602

Owner: I. D. (Dick) Schumaker. Driller: Leonard Mickelson.

Soil and clay -----	23	23	Shale -----	26	325
Sand -----	72	95	Sand, rocky -----	16	341
Shale -----	25	120	Shale -----	15	356
Sand -----	6	126	Sand, rocky -----	76	432
Shale -----	36	162	Shale, rocky -----	30	462
Sand, rocky -----	16	178	Sand, rocky -----	53	515
Shale -----	5	183	Shale -----	41	556
Sand, rocky -----	26	209	Sand, rocky -----	25	581
Shale -----	72	281	Shale, hard -----	38	619
Sand -----	18	299	Sand, rocky -----	46	665

Well PP-80-02-901

Owner: Tom Babb. Driller: Leonard Mickelson.

Soil and clay -----	29	29	Clay -----	5	130
Sand -----	13	42	Sand -----	9	139
Lime -----	9	51	Lime -----	5	144
Sand -----	4	55	Sand -----	9	153
Clay -----	11	66	Lime -----	15	168
Sand -----	40	106	Sand -----	28	196
Clay -----	4	110	Shale -----	39	235
Sand -----	15	125	Sand, rocky -----	4	239

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-02-901--Continued					
Shale -----	10	249	Sand, rocky -----	18	520
Sand -----	4	253	Shale -----	4	524
Shale -----	57	310	Sand -----	20	544
Sand -----	27	337	Shale -----	12	556
Sand, rocky -----	25	362	Sand -----	4	560
Shale -----	4	366	Sand and shale -----	8	568
Sand, rocky -----	34	400	Shale -----	17	585
Shale -----	17	417	Shale and sand -----	15	600
Sand, rocky -----	59	476	Sand -----	29	629
Shale, red -----	26	502			

Well PP-80-03-101

Owner: Harrison Stafford. Driller: H. L. Powell.

Soil and clay -----	90	90	Sand -----	80	370
Sand -----	60	150	Clay -----	50	420
Clay -----	30	180	Sand -----	15	435
Sand -----	40	220	Clay -----	10	445
Clay -----	15	235	Sand -----	40	485
Sand -----	45	280	Clay -----	20	505
Clay -----	10	290	Sand -----	85	590

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-03-103					
Owner: Homer Glaze. Driller: Katy Drilling Co.					
Clay and surface -----	25	25	Rock -----	2	402
Sand -----	26	51	Sand and rock with small clay strips ---	19	421
Clay -----	20	71	Clay, tough -----	36	457
Sand -----	21	92	Rock -----	1	458
Clay -----	29	121	Sand -----	25	483
Sand, fine -----	12	133	Clay -----	24	507
Clay and sand strips ---	22	155	Sand -----	29	536
Sand, rock, and small clay strips -----	68	223	Clay -----	19	555
Clay -----	11	234	Sand -----	15	570
Sand -----	10	244	Clay -----	6	576
Clay -----	8	252	Sand and rock with clay strips -----	39	615
Sand and rock -----	39	291	Clay and limerock ----	45	660
Clay -----	5	296	Sand -----	80	740
Sand -----	54	350	Clay -----	24	764
Clay, tough -----	14	364	Sand -----	16	780
Sand and rock with clay strips -----	36	400	Clay -----	10	790

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-03-202

Owner: B. G. Henry. Driller: Katy Drilling Co.

Topsoil and clay -----	21	21	Clay -----	15	453
Sand and gravel -----	21	42	Sand -----	16	469
Clay -----	86	128	Clay -----	11	480
Sand and gravel -----	35	163	Sand, fine -----	30	510
Clay -----	42	205	Clay -----	10	520
Sand and rock -----	30	235	Sand -----	20	540
Clay -----	25	260	Clay and sand strips --	20	560
Sand, rock, and clay strips -----	22	282	Sand -----	40	600
Clay -----	8	290	Clay and sand strips --	29	629
Sand and rock, fine ----	62	352	Clay -----	39	668
Clay -----	23	375	Sand -----	29	697
Sand and rock, fine ----	30	405	Clay -----	23	720
Clay -----	12	417	Sand -----	95	815
Sand, fine -----	21	438	Sand and clay; clay bottom -----	65	880

Well PP-80-03-301

Owner: City of Edna. Driller: Layne-Texas Co.

Surface soil -----	3	3	Sand -----	21	76
Clay, sandy -----	7	10	Sand and shale -----	29	105
Sand -----	38	48	Clay, sandy -----	30	135
Clay, sandy -----	7	55	Sand and shale -----	15	150

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-03-301--Continued			
Shale ----- 6	156	Sand ----- 33	633
Sand ----- 11	167	Clay, shale, and lime - 100	733
Shale, sandy ----- 20	187	Shale, sandy ----- 6	739
Sand, gravel, and shale 16	203	Sand ----- 20	759
Shale ----- 12	215	Shale and lime ----- 10	769
Sand ----- 32	247	Shale, hard ----- 16	785
Shale ----- 9	256	Shale, sandy ----- 8	793
Sand and shale ----- 30	286	Sand and shale ----- 41	834
Sand, lime, and shale -- 52	338	Shale, hard, and lime - 45	879
Sand ----- 28	366	Shale, sandy ----- 10	889
Lime, sandy, and shale - 11	377	Shale, hard, and lime - 16	905
Sand, hard, and lime --- 49	426	Shale, sandy, and lime 14	919
Sand ----- 7	433	Shale, coarse, and lime ----- 30	949
Sand and lime ----- 50	483	Sand, hard ----- 10	959
Sand, shale, and lime -- 14	497	Sand and shale ----- 12	971
Shale, hard, and lime -- 8	505	Sand and gravel ----- 45	1,016
Sand, hard ----- 5	510	Shale, sandy ----- 9	1,025
Sand ----- 28	538	Shale, hard, and lime - 20	1,045
Sand, lime, and shale -- 12	550	Shale, sandy ----- 7	1,052
Sand and shale ----- 18	568	Sand and shale ----- 32	1,084
Shale, hard, lime and clay ----- 32	600	Clay, sandy, and lime - 22	1,106

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-03-301--Continued					
Sand and shale -----	8	1,114	Shale -----	9	1,176
Shale, sandy -----	13	1,127	Sand and shale -----	21	1,197
Sand and shale -----	40	1,167	Shale -----	13	1,210

Well PP-80-03-302

Owner: City of Edna. Driller: Layne-Texas Co.

Soil -----	3	3	Sand-----	5	255
Sand and clay -----	27	30	Clay, sandy -----	9	264
Sand and clay layers ---	57	87	Sand, good -----	13	277
Clay, sandy -----	44	131	Sand and few clay breaks -----	13	290
Clay -----	28	159	Sand, hard layers, and few clay breaks -----	22	312
Clay, sandy, and sand --	16	175	Clay -----	10	322
Clay -----	47	222	Clay with few thin streaks of sand -----	17	339
Sand, good -----	23	245			
Clay -----	5	250			

Well PP-80-03-303

Owner: City of Edna. Driller: Texas Water Wells.

Surface -----	11	11	Clay -----	4	92
Clay -----	15	26	Sand and gravel -----	53	145
Sand -----	11	37	Shale and sand streaks	76	221
Clay, red -----	39	76	Sand -----	7	228
Sand -----	12	88	Shale -----	32	260

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-80-03-303--Continued					
Sand -----	63	323	Sand -----	62	1,010
Shale -----	20	343	Shale -----	24	1,034
Sand, streaks, and shale -----	142	485	Sand -----	43	1,077
Shale -----	106	591	Shale -----	28	1,105
Sand -----	59	650	Sand -----	5	1,110
Shale, hard -----	41	691	Shale, streaks, and rock -----	22	1,132
Sand, streaks, and shale -----	63	754	Sand -----	17	1,149
Shale, streaks, and sand -----	17	771	Shale -----	11	1,160
Sand -----	19	790	Sand -----	29	1,189
Shale -----	15	805	Shale -----	27	1,216
Sand -----	37	842	Sand -----	38	1,254
Shale -----	80	922	Shale -----	28	1,282
Sand -----	18	940	Sand -----	32	1,314
Shale -----	8	948	Shale -----	11	1,325

Well PP-80-03-304

Owner: City of Edna. Driller: Layne-Texas Co.

Soil -----	3	3	Clay -----	66	132
Clay, sandy -----	37	40	Shale and streaks of sand -----	41	173
Clay -----	14	54	Sand -----	5	178
Sand -----	12	66			

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-03-304--Continued			
Clay and sand streaks -- 20	198	Sand ----- 37	344
Sand ----- 8	206	Shale ----- 5	349
Shale ----- 17	223	Sand ----- 12	361
Sand and gravel ----- 24	247	Shale and sand ----- 7	368
Shale ----- 13	260	Sand ----- 44	412
Sand ----- 45	305	Rock ----- 1	413
Rock ----- 2	307	Shale ----- 3	416

Well PP-80-03-402

Owner: J. C. Kennedy. Driller: Leonard Mickelson.

Soil and clay ----- 27	27	Sand, rocky ----- 7	242
Sand ----- 42	69	Gumbo ----- 6	248
Clay ----- 23	92	Sand, rocky ----- 10	258
Sand ----- 9	101	Shale, hard ----- 11	269
Clay ----- 8	109	Sand, rocky ----- 44	313
Sand ----- 26	135	Shale, hard ----- 16	329
Gumbo and shale ----- 11	146	Sand, rocky ----- 75	404
Sand, rocky ----- 21	167	Gumbo ----- 7	411
Shale and gumbo ----- 15	182	Shale and sand ----- 25	436
Sand and layers of of shale ----- 21	203	Sand, rocky ----- 21	457
Sand, rocky ----- 22	225	Shale ----- 10	467
Gumbo ----- 10	235	Sand, rocky ----- 29	496

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-80-03-402--Continued					
Shale -----	13	509	Rock -----	26	604
Sand, rocky -----	14	523	Shale, hard -----	6	610
Shale, hard -----	55	578	Sand, rocky -----	23	633

Well PP-80-03-403

Owner: Duncan and Cory. Driller: Layne-Texas Co.

Clay -----	8	8	Clay -----	13	243
Sand, coarse, white ----	30	38	Sand, coarse -----	12	255
Clay -----	13	51	Shale, hard -----	3	258
Sand, coarse, gray ----	42	93	Sand, coarse, gray ----	16	274
Clay -----	5	98	Shale -----	4	278
Sand, coarse and clay breaks -----	45	143	Sand, coarse -----	23	301
Clay -----	7	150	Clay -----	3	304
Sand, coarse and clay breaks -----	13	163	Sand, coarse -----	11	315
Clay -----	7	170	Shale, blue -----	16	331
Sand, coarse -----	13	183	Sand and gravel, coarse -----	20	351
Caliche and sand streaks -----	25	208	Clay and sand streaks -	51	402
Sand, coarse and sandstone breaks, hard	22	230	Sand and clay streaks -	27	429
			Sand -----	10	439

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-80-03-403--Continued					
Shale, hard -----	11	450	Sand, fine, white -----	59	531
Sand -----	9	459	Clay -----	69	600
Clay -----	13	472			

Well PP-80-03-502

Owner: Tom Babb. Driller: Leonard Mickelson.

Clay -----	12	12	Sand and lime rock ----	42	159
Sand -----	21	33	Lime -----	10	169
Clay -----	4	37	Sand and lime rock ----	21	190
Sand -----	39	76	Lime -----	9	199
Lime and lime rock layers -----	10	86	Sand -----	33	232
Sand -----	5	91	Lime -----	5	237
Lime -----	5	96	Sand -----	30	267
Sand, rocky -----	6	102	Lime -----	2	269
Lime -----	15	117			

Well PP-80-03-505

Owner: Paul Henderson. Driller: O. E. Mickelson.

Surface soil -----	2	2	Sand, lime, and clay --	23	82
Clay -----	32	34	Clay -----	24	106
Sand -----	15	49	Sand -----	11	117
Clay -----	10	59	Clay -----	33	150

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-03-505--Continued			
Sand ----- 6	156	Clay, rocky ----- 17	370
Clay ----- 22	178	Sand, rocky ----- 22	392
Sand ----- 13	191	Clay ----- 11	403
Clay ----- 25	216	Sand, rocky ----- 15	418
Clay, lime, and sand --- 42	258	Clay ----- 26	444
Sand, rocky ----- 23	281	Sand ----- 24	468
Rock ----- 1	282	Clay ----- 26	494
Sand, rocky ----- 42	324	Sand ----- 16	510
Clay, rocky ----- 9	333	Clay ----- 4	514
Sand, rocky ----- 20	353	Sand, rocky ----- 46	560

Well PP-80-03-701

Owner: Tom Babb. Driller: Leonard Mickelson.

Clay ----- 18	18	Sand ----- 21	202
Sand ----- 21	39	Clay ----- 18	220
Clay and layers of sand ----- 12	51	Sand, rocky ----- 14	234
Clay ----- 13	64	Clay ----- 9	243
Sand, rocky ----- 38	102	Sand ----- 11	254
Clay, rocky ----- 36	138	Lime and gumbo ----- 21	275
Sand ----- 34	172	Sand, rocky ----- 15	290
Clay, hard ----- 9	181	Gumbo ----- 18	308

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-03-701--Continued			
Sand, rocky ----- 115	423	Gumbo ----- 8	502
Gumbo ----- 10	433	Sand, rocky ----- 82	584
Sand, rocky ----- 61	494		

Well PP-80-03-702

Owner: H. O. McElveen. Driller: Leonard Mickelson.

Clay ----- 27	27	Sand and layers of lime rock ----- 21	253
Rock ----- 1	28	Shale, lime ----- 11	264
Sand ----- 20	48	Sand and layers of lime rock ----- 10	274
Clay ----- 32	80	Shale, lime ----- 13	287
Sand ----- 4	84	Sand and lime rock ---- 80	367
Clay ----- 20	104	Gumbo, lime ----- 8	375
Sand, lime, and shale -- 74	178	Sand and layers of lime rock ----- 210	585
Shale, lime ----- 15	193		
Sand and lime rock ----- 38	231		
Rock ----- 1	232		

Well PP-80-03-703

Owner: H. O. McElveen. Driller: Katy Drilling Co.

Topsoil and clay ----- 22	22	Clay, tough ----- 73	183
Sand ----- 25	47	Sand ----- 5	188
Clay ----- 34	81	Clay ----- 14	202
Sand and small clay strips ----- 29	110	Sand and small clay strips ----- 28	230

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)		
Well PP-80-03-703--Continued					
Clay -----	30	260	Sand -----	77	533
Sand and clay strips ---	13	273	Clay -----	5	538
Clay -----	25	298	Sand and small clay strips -----	81	619
Sand -----	15	313	Clay -----	15	634
Clay -----	13	326	Sand -----	22	656
Clay and sand strips ---	18	344	Clay and sand strips --	13	669
Clay -----	5	349	Sand -----	33	702
Sand -----	11	360	Clay -----	39	741
Clay -----	12	372	Sand -----	24	765
Sand -----	45	417	Clay -----	20	785
Clay and sand strips ---	12	429	Sand -----	46	831
Sand -----	20	449	Clay -----	66	897
Clay -----	7	456			

Well PP-80-03-901

Owner: United Gas Pipe Line Co. Driller: Layne-Texas Co.

Clay -----	12	12	Sand, coarse -----	54	169
Sand and clay -----	46	58	Clay, sandy -----	24	193
Sand, fine -----	8	66	Clay -----	49	242
Clay -----	15	81	Sand -----	26	268
Shale -----	34	115	Clay -----	2	270

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-03-902

Owner: United Gas Pipe Line Co. Driller: Layne-Texas Co.

Topsoil -----	6	6	Shale -----	27	221
Clay -----	35	41	Sand, coarse -----	18	239
Clay, sandy -----	8	49	Shale -----	11	250
Sand -----	30	79	Sand, coarse -----	30	280
Clay -----	51	130	Shale -----	16	296
Sand and clay -----	31	161	Sand, coarse -----	14	310
Sand, coarse, gray -----	33	194	Shale -----	11	321

Well PP-80-03-903

Owner: United Gas Pipe Line Co. Driller: Layne-Texas Co.

Topsoil -----	4	4	Sand, fine, gray -----	40	161
Clay -----	6	10	Sand, coarse, gray -----	31	192
Clay and sand streaks --	18	28	Shale -----	29	221
Clay -----	10	38	Sand, fine, gray -----	19	240
Sand -----	3	41	Sand and shale -----	10	250
Clay -----	21	62	Sand, coarse, gray -----	29	279
Sand and clay -----	13	75	Shale -----	16	295
Sand -----	8	83	Sand, coarse, gray -----	16	311
Shale -----	38	121	Shale -----	10	321

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-03-905

Owner: Harold, John, and Francis Koop. Driller: O. E. Mickelson.

Clay -----	12	12	Lime -----	5	376
Sand and lime rock -----	19	31	Sand and rock layers --	65	441
Clay -----	22	53	Gumbo -----	5	446
Sand and lime rock -----	137	190	Sand and lime rock ----	29	475
Shale and sand -----	24	214	Gumbo -----	5	480
Sand and lime rock -----	13	227	Sand and lime rock ----	70	550
Shale, lime -----	26	253	Gumbo -----	6	556
Sand, lime, rock, and shale -----	118	371	Sand and lime rock ----	49	605

Well PP-80-04-101

Owner: Allen D. Lay. Driller: Crowell Brothers.

Clay -----	20	20	Sand -----	42	235
Sand -----	18	38	Clay, broken -----	45	280
Clay -----	10	48	Sand -----	37	317
Sand -----	100	148	Clay, broken -----	18	335
Sand and clay -----	12	160	Sand -----	46	381
Sand -----	25	185	Clay -----	6	387
Clay -----	8	193			

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-04-302

Owner: Victor Stavinoha. Driller: Crowell Brothers.

Clay -----	55	55	Sand and gravel -----	33	169
Sand and gravel -----	33	88	Sand and hard streaks -	12	181
Clay -----	10	98	Gravel -----	29	210
Sand -----	19	117	Shale and sand -----	25	235
Clay -----	19	136			

Well PP-80-04-401

Owner: J. T. Vance. Driller: Leonard Mickelson.

Clay -----	52	52	Lime and gumbo -----	31	328
Sand -----	14	66	Sand and lime rock ----	86	414
Clay and layers of sand -----	41	107	Gumbo -----	7	421
Sand -----	16	123	Sand and lime rock ----	43	464
Clay -----	23	146	Shale -----	10	474
Sand and lime rock ----	121	267	Sand and lime rock ----	23	497
Shale, lime -----	12	279	Gumbo, lime -----	41	538
Sand and lime rock ----	18	297	Sand and lime rock ----	58	596

Well PP-80-04-502

Owner: Hillman Estate. Driller: Crowell Brothers.

No record -----	135	135	Clay -----	4	152
Sand -----	13	148	Sand -----	8	160

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-04-502--Continued

Clay -----	10	170	Gravel -----	10	310
Sand -----	15	185	Clay -----	5	315
Clay -----	25	210	Gravel -----	34	349
Sand, streaks -----	35	245	Sand and shale -----	9	358
Gravel -----	17	262	Hard streaks -----	1	359
Sand, streaks -----	38	300	Sand, streaks -----	72	431

Well PP-80-04-602

Owner: Alfred Strauss. Driller: Crowell Brothers.

Clay -----	56	56	Gravel -----	35	185
Sand and gravel -----	86	142	Clay and sand streaks -	25	210
Clay -----	8	150			

Well PP-80-04-902

Owner: J. B. Johnson Estate. Driller: Crowell Brothers.

Clay -----	30	30	Sand -----	68	330
Sand -----	56	86	Shale -----	12	342
Clay -----	44	130	Sand -----	56	398
Sand and hard streaks --	44	174	Hard streaks -----	2	400
Clay -----	14	188	Sand -----	24	424
Sand and hard streaks --	26	214	Shale -----	2	426
Shale -----	48	262			

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-04-903

Owner: Mrs. Mary C. Dickey. Driller: Crowell Brothers.

Clay -----	15	15	Sand -----	31	295
Sand -----	80	95	Clay -----	5	300
Clay -----	5	100	Sand -----	15	315
Sand -----	15	115	Clay -----	5	320
Clay -----	23	138	Sand -----	30	350
Sand -----	8	146	Clay -----	18	368
Clay -----	9	155	Gravel and hard streaks -----	22	390
Clay and sand streaks --	63	218	Clay -----	15	405
Clay -----	46	264			

Well PP-80-04-904

Owner: Mobil Oil Co. Driller: Layne-Texas Co.

Soil -----	3	3	Clay -----	21	193
Clay and caliche -----	7	10	Shale, sandy -----	15	208
Sand -----	10	20	Shale -----	47	255
Clay -----	60	80	Sand and gravel -----	24	279
Clay, sandy -----	25	105	Shale -----	3	282
Clay -----	20	125	Sand -----	61	343
Sand and fine gravel ---	47	172	Shale -----	2	345

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-04-906

Owner: W. C. Moody. Driller: L. Patterson.

Surface -----	25	25	Shale -----	83	196
Shale -----	23	48	Sand -----	8	204
Sand -----	27	75	Shale -----	79	283
Shale -----	33	108	Sand -----	19	302
Sand -----	5	113			

Well PP-80-05-105

Owner: Raymond Derrick. Driller: Crowell Brothers.

Clay -----	26	26	Clay -----	3	137
Sand -----	76	102	Gravel -----	21	158
Hard streaks -----	1	103	Clay -----	7	165
Gravel -----	31	134			

Well PP-80-05-303

Owner: Harry Mauritz. Driller: Crowell Brothers.

Clay -----	58	58	Shale -----	14	200
Sand -----	36	94	Sand -----	13	213
Clay -----	6	100	Shale -----	27	240
Sand -----	16	116	Sand and gravel -----	38	278
Clay -----	12	128	Shale -----	12	290
Sand, fine -----	58	186	Sand, hard -----	10	300

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-05-303--Continued

Shale, hard -----	9	309	Hard streaks -----	9	434
Sand and gravel -----	47	356	Sand and hard streaks -	46	480
Sand, broken -----	46	402	Shale -----	11	491
Sand -----	23	425			

Well PP-80-05-304

Owner: W. E. Williams. Driller: Crowell Brothers.

Clay -----	18	18	Clay -----	34	124
Sand -----	8	26	Gravel -----	58	182
Clay -----	29	55	Clay, streaks -----	8	190
Sand, streaks -----	35	90	Gravel -----	28	218

Well PP-80-05-305

Owner: W. E. Ditto. Driller: Layne-Texas Co.

Soil, surface -----	2	2	Sand -----	14	229
Clay -----	8	10	Clay -----	8	237
Sand and clay streaks --	78	88	Sand and clay streaks -	23	260
Clay -----	61	149	Clay, sandy -----	36	296
Sand -----	16	165	Sand -----	21	317
Clay, sandy -----	16	181	Clay -----	33	350
Sand -----	20	201	Sand -----	11	361
Clay, sandy -----	14	215	Clay, sandy -----	12	373

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-05-305--Continued					
Sand -----	46	419	Clay, sandy -----	2	448
Clay -----	9	428	Sand -----	48	496
Sand -----	18	446	Clay -----	9	505

Well PP-80-05-310

Owner: Harry Mauritz and Trust. Driller: Crowell Brothers.

Clay -----	72	72	Sand -----	36	191
Sand -----	32	104	Clay -----	2	193
Clay -----	11	115	Sand -----	17	210
Sand -----	30	145	Clay -----	18	228
Clay -----	10	155	Sand -----	103	331

Well PP-80-05-503

Owner: Mitchell Strauss. Driller: Crowell Brothers.

Clay -----	30	30	Sand and gravel -----	65	225
Sand, fine -----	20	50	Sand and clay -----	155	380
Clay -----	8	58	Clay with streaks of sand -----	47	427
Sand and gravel -----	52	110			
Clay -----	50	160			

Well PP-80-05-504

Owner: Ted Cory. Driller: Crowell Brothers.

Clay -----	28	28	Clay -----	37	141
Sand -----	76	104	Gravel -----	19	160

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-80-05-504--Continued					
Clay -----	16	176	Sand -----	101	346
Sand -----	44	220	Clay -----	24	370
Clay -----	25	245	Sand, broken -----	8	378

Well PP-80-05-507

Owner: Olson Brothers. Driller: Katy Drilling Co.

Topsoil and clay -----	34	34	Clay -----	65	294
Sand -----	6	40	Sand, fine, tight -----	41	335
Clay -----	30	70	Clay, hard -----	9	344
Sand and gravel -----	17	87	Sand -----	14	358
Clay -----	24	111	Clay -----	11	369
Sand -----	27	138	Sand -----	8	377
Clay -----	10	148	Clay -----	7	384
Sand -----	8	156	Sand -----	40	424
Clay -----	22	178	Clay -----	39	463
Sand -----	10	188	Sand and small clay strips -----	36	499
Clay -----	10	198	Sand -----	15	514
Sand -----	12	210	Clay -----	10	524
Clay and small sand strips -----	11	221	Sand -----	6	530
Sand -----	8	229	Clay -----	5	535

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-05-507--Continued			
Sand ----- 20	555	Sand ----- 8	706
Clay and sand strips --- 57	612	Clay ----- 30	736
Sand ----- 25	637	Clay and small sand strips ----- 31	767
Clay ----- 9	646	Sand ----- 24	791
Sand ----- 11	657	Sand and clay strips -- 4	795
Clay and small sand strips ----- 41	698	Clay ----- 34	829

Well PP-80-05-603

Owner: M. W. Mauritz and Son. Driller: Crowell Brothers.

Clay ----- 35	35	Sand ----- 23	240
Sand ----- 20	55	Shale ----- 25	265
Clay ----- 39	94	Sand and hard ----- 15	280
Sand ----- 13	107	Shale ----- 5	285
Clay ----- 13	120	Sand and hard ----- 81	366
Sand ----- 60	180	Shale ----- 21	387
Clay ----- 7	187	Sand, broken, and shale ----- 17	404
Sand ----- 25	212	Sand ----- 24	428
Clay ----- 5	217		

Well PP-80-05-904

Owner: Carl Swenson. Driller: Crowell Brothers.

Clay ----- 38	38	Clay ----- 12	104
Sand ----- 54	92	Sand ----- 9	113

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-05-904--Continued					
Clay -----	14	127	Clay -----	24	334
Sand -----	43	170	Sand and hard streaks -	75	409
Clay -----	10	180	Clay -----	8	417
Sand -----	20	200	Sand -----	5	422
Clay -----	5	205	Clay and sand -----	46	468
Sand -----	7	212	Sand -----	20	488
Clay -----	22	234	Shale, sandy -----	18	506
Sand -----	10	244	Sand -----	14	520
Clay -----	14	258	Shale -----	5	525
Sand and gravel -----	52	310			

Well PP-80-05-906

Owner: W. F. Vordick. Driller: Crowell Brothers.

Clay -----	50	50	Sand and gravel -----	73	318
Sand -----	52	102	Shale -----	32	350
Clay -----	56	158	Sand -----	32	382
Sand -----	47	205	Shale -----	8	390
Shale -----	15	220	Sand -----	14	404
Sand, hard -----	25	245			

Well PP-80-06-102

Owner: W. N. Patman. Driller: George Burt.

Surface -----	3	3	Sand -----	3	14
Clay -----	8	11	Clay -----	34	48

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-06-102--Continued					
Sand and lime -----	34	82	Sand -----	15	286
Clay -----	19	101	Clay -----	30	316
Sand and gravel -----	25	126	Sand -----	5	321
Clay -----	31	157	Clay -----	10	331
Sand -----	25	182	Sand -----	10	341
Formation, broken -----	9	191	Clay -----	2	343
Sand and gravel -----	25	216	Sand -----	18	361
Clay and lime streaks --	13	229	Clay -----	3	364
Formation, broken -----	42	271			

Well PP-80-06-103

Owner: W. H. (Pete) Huseman. Driller: Leonard Mickelson.

Soil and clay -----	9	9	Rock, lime -----	3	95
Sand -----	5	14	Sand -----	6	101
Clay -----	16	30	Shale -----	58	159
Sand -----	3	33	Shale and sand -----	17	176
Clay -----	25	58	Sand -----	11	187
Sand -----	14	72	Shale -----	12	199
Clay -----	9	81	Sand -----	9	208
Sand -----	4	85	Shale and sand -----	18	226
Clay -----	3	88	Sand, rocky -----	12	238
Sand -----	4	92	Shale -----	5	243

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-06-103--Continued

Sand, rocky -----	54	297	Shale -----	8	392
Shale -----	11	308	Sand -----	7	399
Sand, rocky -----	40	348	Shale -----	7	406
Shale -----	4	352	Sand -----	7	413
Sand and shale -----	10	362	Shale -----	6	419
Sand, rocky -----	22	384			

Well PP-80-06-403

Owner: W. E. Rogers. Driller: Leonard Mickelson.

Soil and clay -----	70	70	Sand -----	6	453
Sand -----	9	79	Shale and sand -----	62	515
Shale and gumbo -----	45	124	Sand -----	37	552
Sand -----	36	160	Shale -----	6	558
Shale -----	21	181	Sand -----	5	563
Sand -----	12	193	Sand and shale -----	10	573
Gumbo, shaly -----	108	301	Sand, rocky -----	48	621
Sand -----	118	419	Gumbo -----	5	626
Gumbo and shale -----	28	447	Sand -----	19	645

Well PP-80-06-404

Owner: Bill Combs. Driller: Crowell Brothers.

No record -----	116	116	Clay, broken, and sand	65	200
Sand -----	19	135	Sand -----	35	235

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-06-404--Continued

Sand and hard streaks -- 25	260	Sand ----- 82	404
Clay ----- 12	272	Clay ----- 4	408
Sand ----- 43	315	Sand ----- 11	419
Clay ----- 7	322	Hard streaks ----- 7	426

Well PP-80-06-405

Owner: Bill Combs. Driller: Otto Mickelson.

Soil ----- 4	4	Rock, lime ----- 10	220
Sand ----- 6	10	Shale ----- 12	232
Clay ----- 55	65	Gumbo, lime ----- 10	242
Sand ----- 37	102	Shale, sandy ----- 20	262
Clay ----- 38	140	Shale, lime ----- 51	313
Sand ----- 10	150	Gumbo, lime ----- 60	373
Clay ----- 20	170	Sand ----- 35	408
Sand ----- 18	188	Gumbo ----- 66	474
Clay ----- 12	200	Sand ----- 14	488
Sand ----- 4	204	Lime ----- 6	494
Clay ----- 6	210		

Well PP-80-06-407

Owner: Jay Anderson and Bros. Driller: Katy Drilling Co.

Topsoil ----- 100	100	Sand ----- 8	152
Sand ----- 17	117	Clay ----- 25	177
Clay ----- 27	144	Sand ----- 14	191

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-06-407--Continued			
Clay ----- 114	305	Clay ----- 18	655
Sand ----- 15	320	Sand and rock ----- 33	688
Clay ----- 50	370	Clay ----- 12	700
Sand ----- 40	410	Rock, hard ----- 2	702
Clay ----- 90	500	Sand and rock ----- 34	736
Sand ----- 65	565	Sand and clay strips -- 24	760
Clay ----- 15	580	Sand ----- 31	791
Sand ----- 13	593	Clay ----- 13	804
Clay ----- 23	616	Sand, clay bottom ----- 121	925
Sand ----- 21	637		

Well PP-80-06-409

Owner: Bill Combs. Driller: Crowell Brothers.

Surface ----- 72	72	Broken layers ----- 40	292
Sand ----- 16	88	Sand ----- 16	308
Clay ----- 44	132	Shale ----- 22	330
Sand ----- 14	146	Sand ----- 68	398
Clay ----- 10	156	Shale and shells ----- 67	465
Sand ----- 38	194	Sand, hard ----- 37	502
Shale ----- 28	222	Rock ----- 3	505
Sand ----- 22	244	Shale ----- 3	508
Shale ----- 8	252		

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-11-201

Owner: Koop Bros. (Harold, John, Francis). Driller: O. E. Mickelson.

Clay -----	16	16	Shale, hard -----	34	341
Sand -----	25	41	Shale, hard, and sand -	39	380
Clay -----	7	48	Shale, hard -----	10	390
Clay and layers of sand -----	18	66	Gumbo, lime -----	18	408
Clay -----	40	106	Shale, hard -----	17	425
Sand -----	20	126	Sand -----	15	440
Clay -----	6	132	Shale, hard -----	11	451
Sand -----	44	176	Sand -----	66	517
Clay -----	22	198	Shale, hard -----	18	535
Shale, lime, and sand --	17	215	Shale, lime, and sand -	11	546
Gumbo, lime -----	17	232	Rock -----	1	547
Shale, lime, and sand --	31	263	Shale, lime, and sand -	25	572
Shale, rocky, and sand -	44	307			

Well PP-80-11-304

Owner: C. W. Martin. Driller: Crowell Brothers.

Clay -----	70	70	Sand -----	11	125
Sand -----	21	91	Shale -----	29	154
Clay -----	7	98	Sand -----	19	173
Sand -----	4	102	Shale -----	22	195
Clay -----	12	114	Sand -----	25	220

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-11-304--Continued			
Shale ----- 7	227	Sand ----- 89	355
Sand ----- 12	239	Shale ----- 10	365
Shale ----- 4	243	Sand ----- 6	371
Sand ----- 7	250	Shale ----- 2	373
Shale ----- 16	266	Sand ----- 18	391

Well PP-80-11-603

Owner: Mobil Oil Co. Driller: Layne-Texas Co.

Topsoil ----- 50	50	Sand, few shale breaks, and rock layers ----- 148	648
Sand, coarse ----- 15	65	Shale ----- 10	658
Sand, gray ----- 25	90	Shale, hard ----- 13	671
Shale, blue ----- 125	215	Shale, sticky, and sand layers ----- 53	724
Sand ----- 22	237	Shale, sticky ----- 10	734
Shale ----- 5	242	Sand ----- 15	749
Sand ----- 25	267	Shale, sticky, and rock layers ----- 15	764
Shale ----- 8	275	Sand and rock layers -- 20	784
Sand ----- 34	309	Sand, broken ----- 35	819
Shale ----- 26	335	Sand and rock layers -- 30	849
Sand, shale, and layers of rocks ----- 35	370	Rock ----- 6	855
Shale ----- 31	401	Sand, rock layers, and shale ----- 58	913
Sand ----- 36	437		
Shale ----- 31	468		
Sand ----- 32	500		

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-11-603--Continued					
Shale, hard -----	47	960	Sand -----	71	1,142
Sand -----	30	990	Shale -----	39	1,181
Shale -----	22	1,012	Sand -----	69	1,250
Sand -----	35	1,047	Shale -----	6	1,256
Shale -----	24	1,071			

Well PP-80-12-302

Owner: Mobil Oil Co. Driller: Layne-Texas Co.

Surface -----	3	3	Sand, medium -----	23	235
Clay and caliche -----	19	22	Shale, sandy -----	33	268
Sand -----	15	37	Sand -----	13	281
Clay -----	35	72	Shale -----	7	288
Sand, white -----	23	95	Sand -----	30	318
Shale, sandy -----	29	124	Shale -----	5	323
Sand -----	41	165	Sand -----	20	343
Sand, coarse -----	23	188	Shale -----	8	351
Sand, fine -----	24	212			

Well PP-80-12-401

Owner: Mobil Oil Co. Driller: L. Patterson.

Clay -----	20	20	Shale -----	117	217
Sand -----	10	30	Sand -----	43	260
Shale -----	30	60	Shale -----	234	494
Sand -----	40	100	Sand -----	36	530

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-12-401--Continued			
Shale ----- 23	553	Sand ----- 23	920
Sand ----- 78	631	Shale ----- 45	965
Shale ----- 193	824	Sand ----- 22	987
Sand ----- 38	862	Shale ----- 196	1,183
Shale ----- 35	897	Sand ----- 49	1,232

Well PP-80-12-402

Owner: Industrial Consolidated Independent School. Driller: Layne-Texas Co.

Soil ----- 3	3	Shale ----- 9	439
Clay ----- 19	22	Sand, broken ----- 24	463
Sand ----- 10	32	Shale ----- 25	488
Clay ----- 18	50	Shale, sandy ----- 18	506
Sand ----- 48	98	Sand ----- 20	526
Clay ----- 14	112	Shale ----- 17	543
Clay, sandy ----- 32	144	Sand, fine ----- 75	618
Sand ----- 8	152	Shale, tough ----- 53	671
Shale, broken ----- 82	234	Sand, broken ----- 38	709
Sand, broken ----- 26	260	Shale ----- 8	717
Shale ----- 22	282	Sand ----- 37	754
Sand, broken, and lime ----- 48	330	Shale ----- 41	795
Shale ----- 50	380	Sand and shale breaks - 97	892
Sand and caliche ----- 50	430	Shale ----- 51	943

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-80-12-402--Continued					
Sand -----	25	968	Shale -----	11	1,060
Shale -----	21	989	Sand -----	50	1,110
Shale, sandy -----	10	999	Shale -----	8	1,118
Sand -----	35	1,034	Rock -----	3	1,121
Shale, hard, sandy -----	15	1,049	No record -----	114	1,235

Well PP-80-12-403

Owner: Mobil Oil Co. Driller: Layne-Texas Co.

Surface soil -----	8	8	Shale, sandy -----	22	497
Clay and streaks of sand -----	31	39	Shale -----	15	512
Clay -----	21	60	Sand and sandy shale --	132	654
Sand -----	68	128	Shale, sandy -----	34	688
Shale, sandy, and shale	39	167	Sand -----	47	735
Shale -----	26	193	Shale -----	9	744
Shale and sandy shale --	19	212	Sand -----	51	795
Shale -----	26	238	Shale -----	21	816
Shale, sandy, and sand breaks -----	44	282	Sand -----	15	831
Shale -----	26	308	Sand and streaks of shale -----	84	915
Sand and sandy shale ---	45	353	Shale -----	13	928
Shale -----	67	420	Shale, sticky -----	25	953
Sand and sandy shale ---	55	475	Shale, hard, sandy, and sand -----	40	993

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-12-403--Continued			
Sand and shale breaks -- 21	1,014	Shale layers and sand - 23	1,146
Shale, tough ----- 13	1,027	Sand and sandy shale -- 14	1,160
Sand ----- 16	1,043	Shale ----- 11	1,171
Shale ----- 28	1,071	Sand and shale breaks - 25	1,196
Shale, sandy ----- 22	1,093	Sand ----- 32	1,228
Sand and sandy shale --- 19	1,112	Shale, sandy ----- 10	1,238
Shale, sandy ----- 11	1,123	Shale ----- 20	1,258

Well PP-80-12-502

Owner: A. J. Calaway, Sr. Driller: Crowell Brothers.

Clay ----- 72	72	Shale ----- 18	240
Sand ----- 46	118	Sand, broken ----- 14	254
Clay ----- 46	164	Sand ----- 76	330
Sand and hard shells --- 58	222		

Well PP-80-12-603

Owner: A. J. Calaway, Sr. Driller: Leonard Mickelson.

Soil and clay ----- 14	14	Sand ----- 33	119
Sand ----- 8	22	Clay ----- 13	132
Clay ----- 22	44	Sand ----- 20	152
Sand ----- 32	76	Clay ----- 18	170
Clay ----- 6	82	Sand, rocky ----- 16	186
Sand and clay ----- 4	86	Clay ----- 10	196

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Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-12-603--Continued					
Sand -----	42	238	Sand -----	28	301
Clay -----	12	250	Clay -----	7	308
Sand -----	11	261	Sand, rocky -----	43	351
Clay -----	12	273			

Well PP-80-12-704

Owner: Mobil Oil Co. Driller: McMasters & Pomeroy.

Surface soil -----	57	57	Shale, sandy -----	16	816
Sand -----	93	150	Gumbo, blue -----	19	835
Shale -----	40	190	Sand -----	13	848
Shale, sandy -----	75	265	Gumbo -----	13	861
Gumbo -----	63	328	Sand and boulders -----	19	880
Sand -----	6	334	Gumbo -----	26	906
Shale -----	72	406	Sand -----	23	929
Shale and boulders -----	49	455	Gumbo -----	6	935
Sand -----	95	550	Sand -----	27	962
Shale -----	46	596	Gumbo -----	68	1,030
Sand -----	21	617	Sand, green -----	31	1,061
Gumbo -----	18	635	Gumbo, tough -----	94	1,155
Sand -----	87	722	Sand, tight -----	10	1,165
Shale, sandy -----	10	732	Gumbo, tough -----	9	1,174
Shale and boulders -----	48	780	Sand and gravel -----	51	1,225
Shale -----	20	800	Gumbo -----	8	1,233

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-13-602

Owner: J. T. Bolling. Driller: Burt Well Service.

Surface -----	3	3	Sand, dry -----	28	81
Clay -----	5	8	Clay -----	23	104
Sand, dry -----	15	23	Sand -----	14	118
Clay -----	5	28	Clay -----	28	146
Sand, dry -----	7	35	Sand and lignite -----	23	169
Clay -----	18	53	Clay -----	1	170

Well PP-80-14-101

Owner: A. A. Brown. Driller: Crowell Brothers.

No record -----	155	155	Clay -----	33	375
Sand, streaks -----	25	180	Shell and sand -----	35	410
Sand -----	25	205	Clay -----	80	490
Clay -----	3	208	Gravel, streaks -----	40	530
Sand -----	42	250	Sand -----	18	548
Clay -----	55	305	Sand, hard streaks -----	22	570
Sand -----	10	315	Clay -----	20	590
Clay -----	3	318	Gravel, white ball -----	60	650
Sand -----	24	342			

Well PP-80-14-402

Owner: Francitas Gas Co. Driller: Texas Water Supply Corp.

Surface clay -----	62	62	Shale -----	78	164
Sand -----	24	86	Sand -----	7	171

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Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
Well PP-80-14-402--Continued			
Shale, sticky ----- 116	287	Sand ----- 24	375
Sand ----- 39	326	Shale ----- 2	377
Shale ----- 25	351		

Well PP-80-14-403

Owner: Francitas Gas Co. Driller: Texas Water Supply Corp.

Surface clay ----- 51	51	Sand ----- 22	278
Shale, sandy ----- 6	57	Shale, sticky ----- 35	313
Shale ----- 26	83	Sand ----- 21	334
Sand ----- 15	98	Shale ----- 9	343
Shale, sticky ----- 57	155	Sand ----- 41	384
Sand ----- 21	176	Shale ----- 2	386
Shale, sticky ----- 80	256		

Well PP-80-14-404

Owner: Francitas Gas Co. Driller: Texas Water Supply Corp.

Surface clay ----- 73	73	Sand ----- 24	274
Shale, sandy ----- 5	78	Shale, sticky ----- 25	299
Sand, soft ----- 23	101	Sand and gravel ----- 30	329
Shale, sticky ----- 50	151	Shale ----- 5	334
Sand ----- 10	161	Sand ----- 46	380
Shale ----- 42	203	Shale ----- 2	382
Shale, sticky ----- 47	250		

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-14-803

Owner: O. D. Kubecka. Driller: Leonard Mickelson.

Clay -----	31	31	Clay -----	31	236
Shale, hard -----	15	46	Gravel and sand -----	68	304
Clay -----	64	110	Clay -----	13	317
Sand -----	27	137	Gravel and sand -----	35	352
Clay, hard -----	42	179	Gumbo -----	8	360
Sand -----	4	183	Sand and gravel -----	75	435
Clay -----	9	192	Shale and sand -----	36	471
Sand -----	13	205	Rock and sand -----	33	504

Well PP-80-21-201

Owner: Aluminum Co. of America. Driller: Layne-Texas Co.

Topsoil -----	4	4	Shale -----	11	293
Clay -----	41	45	Sand -----	9	302
Clay, sandy -----	10	55	Shale -----	5	307
Clay -----	15	70	Sand -----	21	328
Sand -----	40	110	Shale -----	3	331
Sand, broken -----	26	136	Shale, sandy, and sand	23	354
Shale -----	79	215	Shale -----	59	413
Shale, sandy -----	13	228	Sand -----	32	445
Shale, sticky -----	30	258	Shale -----	4	449
Shale -----	17	275	Sand -----	10	459
Sand -----	7	282	Shale and sandy shale -	9	468

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)	Depth (feet)	Thickness (feet)	Depth (feet)
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Well PP-80-21-202

Owner: Aluminum Co. of America. Driller: Texas Water Wells.

Soil -----	3	3	Shale, blue -----	15	302
Clay -----	37	40	Sand -----	28	330
Sand -----	11	51	Shale, sandy -----	10	340
Clay, sandy -----	28	79	Sand -----	23	363
Sand, tight -----	26	105	Shale, sandy -----	5	368
Sand -----	34	139	Sand -----	14	382
Clay, sandy -----	38	177	Shale and sandy shale -	30	412
Sand -----	21	198	Sand, coarse, and gravel -----	38	450
Clay with streaks of sand -----	47	245	Sand and streaks of shale -----	10	460
Clay and sandy clay ----	33	278	Shale, sandy -----	8	468
Sand -----	9	287			

Well PP-80-21-203

Owner: Aluminum Co. of America. Driller: Layne-Texas Co.

Surface -----	3	3	Sand, coarse, broken --	23	210
Clay -----	21	24	Clay -----	7	217
Sand and broken clay ---	48	72	Shale, broken, sand, and shell -----	62	279
Clay, broken -----	13	85	Shale, tough -----	22	301
Sand -----	40	125	Sand -----	25	326
Sand and clay -----	15	140	Shale -----	8	334
Clay -----	47	187			

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

	Thickness (feet)	Depth (feet)		Thickness (feet)	Depth (feet)
Well PP-80-21-203--Continued					
Sand -----	14	348	Sand -----	3	477
Shale -----	5	353	Shale -----	5	482
Sand, broken -----	13	366	Sand -----	14	496
Sand, cut good -----	32	398	Shale -----	29	525
Shale -----	12	410	Sand -----	33	558
Shale, sandy -----	12	422	Shale -----	7	565
Sand -----	45	467	Sand -----	30	595
Shale -----	7	474	Shale -----	11	606

Well PP-80-21-204

Owner: Aluminum Co. of America. Driller: Layne-Texas Co.

Soil -----	5	5	Shale -----	6	359
Sand and clay -----	20	25	Sand -----	5	364
Clay and sandy clay ----	31	56	Shale, sandy, and sand layers -----	91	455
Shale -----	21	77	Sand -----	11	466
Sand and shell -----	25	102	Shale, sandy -----	19	485
Shale -----	94	196	Shale -----	40	525
Sand -----	15	211	Sand, broken -----	69	594
Sand, broken -----	44	255	Shale -----	10	604
Shale -----	83	338			
Sand -----	15	353			

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-21-208					
Owner: Aluminum Co. of America. Driller: Layne-Texas Co.					
Soil -----	2	2	Sand -----	21	361
Clay -----	36	38	Shale, sandy -----	6	367
Sand -----	12	50	Sand -----	14	381
Clay, sandy -----	27	77	Shale, sandy -----	30	411
Sand -----	26	103	Sand and gravel -----	38	449
Sand, clean -----	37	140	Sand, breaks -----	11	460
Clay, red, sandy -----	23	163	Shale, sandy -----	9	469
Sand with clay streaks -	13	176	Sand -----	5	474
Sand, clean -----	24	200	Shale -----	42	516
Clay, red, sandy -----	3	203	Sand, dirty -----	7	523
Clay -----	3	206	Sand, clean -----	20	543
Sand with clay streaks -	30	236	Shale -----	17	560
Clay, sandy -----	7	243	Sand and clay streaks -	8	568
Clay -----	8	251	Shale -----	35	603
Sand, clean -----	2	253	Sand, shaley -----	37	640
Clay -----	8	261	Shale, sandy -----	20	660
Clay, sandy -----	16	277	Sand -----	14	674
Sand -----	9	286	Shale -----	9	683
Shale -----	15	301	Sand -----	5	688
Sand -----	28	329	Shale, sandy -----	15	703
Shale, sandy -----	11	340	Sand -----	5	708

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-21-208--Continued					
Shale -----	4	712	Sand -----	12	745
Sand -----	10	722	Rock -----	2	747
Shale -----	11	733	Shale -----	16	763

Well PP-80-21-601

Owner: F. E. Appling. Driller: Crowell Brothers.

Clay -----	30	30	Sand -----	7	265
Sand -----	42	72	Shale -----	47	312
Clay -----	8	80	Sand -----	8	320
Sand -----	32	112	Shale -----	14	334
Clay -----	9	121	Sand -----	80	414
Sand -----	37	158	Shale -----	12	426
Clay -----	4	162	Sand -----	9	435
Sand -----	30	192	Shale -----	11	446
Shale -----	14	206	Sand -----	8	454
Sand -----	12	218	Shale -----	11	465
Shale -----	12	230	Sand -----	67	532
Sand -----	8	238	Shale -----	41	573
Shale -----	20	258	Sand and hard streaks -	85	658

Well PP-80-22-101

Owner: L. M. Olson. Driller: Henry Lane.

Surface soil -----	5	5	Shale, sandy -----	20	50
Shale -----	25	30	Sand and rock -----	10	60

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well PP-80-22-101--					
Sand -----	38	98	Shale -----	32	240
Shale -----	22	120	Shale, sandy -----	40	280
Shale, sandy -----	20	140	Sand -----	50	330
Shale -----	15	155	Shale, sandy -----	10	340
Sand -----	30	185	Sand -----	20	360
Shale -----	13	198	Shale -----	5	365
Sand -----	10	208			

Well PP-80-22-501

Owner: B. J. Wesselman. Driller: Crowell Brothers.

Clay -----	103	103	Shells -----	12	214
Sand -----	9	112	Clay -----	96	310
Clay -----	18	130	Sand -----	28	338
Sand streaks -----	18	148	Clay -----	3	341
Clay -----	54	202	Sand -----	29	370

Calhoun County

Well BW-80-20-801

Owner: Aluminum Co. of America. Driller: Layne-Texas Co.

Surface sand -----	7	7	Clay -----	13	118
Clay -----	10	17	Sand, coarse -----	37	155
Shale, sandy -----	51	68	Shale -----	68	223
Sand, coarse -----	37	105	Shale, hard -----	57	280

(Continued on next page)

Table 7.--Drillers' logs of wells in Jackson
and adjacent counties--Continued

Thickness (feet)		Depth (feet)	Thickness (feet)		Depth (feet)
Well BW-80-20-801--Continued					
Sand, fine -----	13	293	Shale, sandy -----	28	661
Shale -----	4	297	Sand -----	4	665
Shale, sandy -----	21	318	Shale, hard -----	11	676
Sand, coarse -----	14	332	Shale, sandy -----	60	736
Shale, sandy -----	24	356	Sand, cuts good -----	13	749
Sand and shale breaks --	14	370	Shale, sticky -----	20	769
Shale, hard -----	20	390	Sand, fine, and shale breaks -----	21	790
Shale, sandy -----	41	431	Shale, sticky -----	28	818
Shale and shell -----	12	443	Sand, fine -----	7	825
Shale, sandy -----	22	465	Shale, sticky -----	23	848
Sand, coarse, white ----	8	473	Sand and shale breaks -	23	871
Shale, sandy -----	17	490	Shale, sandy -----	8	879
Shale, sandy, and sand -	60	550	Sand, coarse -----	37	916
Rock -----	1	551	Shale, sticky -----	53	969
Sand, fine, white -----	12	563	Sand -----	3	972
Shale, sandy -----	22	585	Shale -----	29	1,001
Sand and shale streaks -	27	612	Sand, hard -----	11	1,012
Sand, fine, gray -----	21	633			

Table 8.--Water levels in wells in Jackson and adjacent counties

Date	Water level	Date	Water level	Date	Water level
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Jackson County

Well PP-66-50-801

Owner: Paschall and Utz

Mar. 23, 1960	61.33	Mar. 29, 1962	63.36	Feb. 11, 1964	85.90
Mar. 13, 1961	63.4	Feb. 27, 1963	72.19	Mar. 10, 1964	80.11

Well PP-66-58-903

Owner: Koop Brothers

Mar. 23, 1960	52.42	Feb. 27, 1963	65.45	Mar. 21, 1964	66.51
Mar. 13, 1961	52.77	Feb. 11, 1964	71.44		

Well PP-66-59-304

Owner: Clark Farms

Apr. 2, 1959	57.19	Mar. 27, 1962	64.6	Mar. 5, 1964	67.63
Mar. 22, 1960	57.63	Feb. 27, 1963	67.46		
Mar. 14, 1961	55.77	Feb. 11, 1964	74.09		

Well PP-66-60-304

Owner: George Carstens

Mar. 27, 1958	46.21	Mar. 14, 1961	45.73	Feb. 27, 1963	46.98
Mar. 22, 1960	45.88	Mar. 28, 1962	47.35	Feb. 12, 1964	49.92

Well PP-66-60-401

Owner: Clark Farms

Apr. 1, 1959	49.10	Mar. 14, 1961	46.89	Feb. 27, 1963	51.86
Mar. 22, 1960	48.17	Mar. 27, 1962	52.02	Feb. 11, 1964	54.90

Table 8.--Water levels in wells in Jackson and adjacent counties--Continued

Date	Water level	Date	Water level	Date	Water level
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Well PP-66-60-701

Owner: E. T. Rose

Apr. 1, 1959	38.35	Mar. 14, 1961	34.88	Feb. 27, 1963	36.54
Mar. 25, 1960	37.45	Mar. 27, 1962	35.15	Feb. 11, 1964	38.15

Well PP-66-61-803

Owner: M. W. Mauritz

Apr. 2, 1959	40.83	Mar. 14, 1961	38.24	Feb. 12, 1964	40.75
Mar. 24, 1960	39.00	Feb. 27, 1963	39.46	Mar. 24, 1964	40.55

Well PP-80-02-601

Owner: Clifton R. Hicks

Mar. 13, 1961	43.74	Feb. 27, 1963	50.53	Mar. 21, 1964	57.12
Mar. 29, 1962	56.40	Feb. 11, 1964	60.88		

Well PP-80-03-201

Owner: B. G. Henry

Apr. 2, 1959	43.39	Mar. 23, 1962	53.27	Mar. 12, 1964	42.92
Mar. 22, 1960	42.96	Feb. 27, 1963	43.51		
Mar. 13, 1961	42.68	Feb. 11, 1964	42.43		

Well PP-80-03-801

Owner: Paul Henderson

Mar. 23, 1960	44.64	Mar. 29, 1962	43.50	Feb. 11, 1964	57.12
Mar. 13, 1961	43.82	Feb. 27, 1963	49.57	Mar. 21, 1964	54.38

Table 8.--Water levels in wells in Jackson and adjacent counties--Continued

Date	Water level	Date	Water level	Date	Water level
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Well PP-80-05-102

Owner: Raymond Derrick

Mar. 24, 1960	31.46	Mar. 27, 1962	26.25	Feb. 12, 1964	30.85
Mar. 14, 1961	10.65	Feb. 27, 1963	34.39		

Well PP-80-05-502

Owner: W. F. Germer

Mar. 7, 1959	50.37	Mar. 28, 1962	43.60	Mar. 3, 1964	49.73
Mar. 24, 1960	47.43	Feb. 27, 1963	48.75		
Mar. 14, 1961	44.23	Feb. 12, 1964	50.11		

Well PP-80-05-901

Owner: W. H. Huseman

Mar. 24, 1960	42.11	Mar. 28, 1962	41.85	Feb. 12, 1964	54.82
Mar. 14, 1961	41.30	Feb. 27, 1963	46.79	Mar. 12, 1964	52.47

Well PP-80-06-101

Owner: M. W. Mauritz

Apr. 2, 1959	46.37	Mar. 14, 1961	39.36	Feb. 12, 1964	49.76
Mar. 24, 1960	42.68	Mar. 28, 1962	40.95	Mar. 3, 1964	48.51

Well PP-80-11-201

Owner: Koop Brothers

Apr. 1, 1959	41.44	Mar. 29, 1962	38.69	Mar. 21, 1964	49.10
Mar. 23, 1960	40.43	Feb. 27, 1963	45.00		
Mar. 13, 1961	39.50	Feb. 11, 1964	52.60		

Table 8.--Water levels in wells in Jackson and adjacent counties--Continued

Date	Water level	Date	Water level	Date	Water level
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Well PP-80-22-501

Owner: B. J. Wesselman

Mar. 26, 1960	40.84	Feb. 27, 1963	43.97	Mar. 23, 1964	47.39
Mar. 14, 1961	38.68	Feb. 12, 1964	50.70		

Matagorda County

Well TA-80-07-102

Owner: R. M. Radley

Apr. 6, 1959	39.74	Mar. 28, 1962	41.81	Mar. 20, 1964	51.19
Mar. 21, 1960	39.92	Feb. 26, 1963	47.51		
Mar. 21, 1961	38.77	Feb. 7, 1964	54.93		

Well TA-80-07-501

Owner: Henry Insall

Mar. 22, 1956	47.29	Apr. 6, 1959	44.51	Mar. 28, 1962	45.20
Mar. 28, 1957	57.87	Feb. 22, 1960	43.19	Feb. 26, 1963	51.94
Apr. 3, 1958	43.55	Mar. 22, 1961	43.05	Feb. 7, 1964	63.08

Well TA-80-23-101

Owner: Otto Frick

Mar. 27, 1957	53.64	Mar. 15, 1961	44.45	Mar. 26, 1963	50.96
Mar. 21, 1960	42.39	Mar. 28, 1962	62.62	Feb. 7, 1964	61.14

Table 8.--Water levels in wells in Jackson and adjacent counties--Continued

Date	Water level	Date	Water level	Date	Water level
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Victoria County

Well YT-80-02-501

Owner: Tom Eager

Nov. 20, 1959	61.82	Mar. 30, 1962	54.45	Feb. 13, 1964	71.51
Mar. 13, 1961	53.37	Feb. 27, 1963	63.35	Mar. 19, 1964	66.69

Wharton County

Well ZA-66-53-106

Owner: Lester Glaze

Mar. 31, 1959	50.90	Mar. 16, 1961	49.95	Mar. 25, 1963	51.28
Mar. 9, 1960	51.04	Mar. 30, 1962	45.71	Feb. 18, 1964	52.16

Well ZA-66-61-305

Owner: Allen Bros.

Mar. 31, 1959	41.11	Mar. 30, 1962	39.37	Mar. 20, 1964	44.92
Mar. 17, 1960	39.80	Feb. 26, 1963	42.21		
Mar. 16, 1961	39.50	Feb. 18, 1964	46.36		

Well ZA-66-62-501

Owner: Adrian Johnson

Apr. 1, 1959	37.56	Mar. 15, 1961	36.70	Feb. 26, 1963	39.29
Mar. 17, 1960	37.98	Mar. 27, 1962	38.00	Feb. 7, 1964	42.13

Table 8.--Water levels in wells in Jackson and adjacent counties--Continued

Date	Water level	Date	Water level	Date	Water level
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Well ZA-66-62-904

Owner: R. B. Wallace

Mar. 21, 1956	44.90	Mar. 17, 1960	42.76	Feb. 7, 1964	57.15
Mar. 28, 1957	49.17	Mar. 15, 1961	41.18	Mar. 20, 1964	53.17
Mar. 28, 1958	41.31	Mar. 27, 1962	46.14		
Apr. 1, 1959	42.36	Feb. 26, 1963	48.82		

Table 9.--Chemical analyses of water from wells in Jackson and adjacent counties

(Analyses given are in parts per million except specific conductance, pH, percent sodium, sodium adsorption ration, and residual sodium carbonate.)

Well	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe) (total)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃) _{a/}	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids ^{b/}	Hardness as CaCO ₃	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	Specific conductance (micromhos at 25°C)	pH
Jackson County																						
PP-66-50-801	886	Aug. 15, 1963	26	0.45	--	69	12	135	2.3	368	16	146	0.5	0.2	0.19	588	222	57	3.9	1.60	1,020	7.2
51-305	1,010	Aug. 21, 1963	22	.18	--	40	7.8	180	2.5	290	74	152	.9	.2	.59	623	132	74	6.8	2.11	1,050	7.1
509	729	do	23	.25	--	48	13	151	3.1	376	50	107	.6	.0	.17	581	174	65	5.0	2.69	972	7.0
603	75	Oct. 6, 1934	--	--	--	181	19	*112	--	307	65	322	.0	.40	--	851	530	--	--	--	--	--
902	80	July 17, 1934	--	--	--	--	--	--	--	272	--	355	--	--	--	--	462	--	--	--	--	--
902	138	July 29, 1964	--	--	--	--	--	--	--	295	--	322	--	--	--	--	540	--	--	.00	1,530	7.4
911	555	May 20, 1964	21	1.2	--	36	13	158	3.3	336	38	130	.4	.0	--	565	144	70	5.7	2.64	983	7.6
52-407	960	July 14, 1963	22	.04	--	30	9.0	152	2.7	300	42	112	.4	.0	.29	518	112	74	6.2	2.68	879	7.1
57-304	--	Oct. 2, 1963	--	--	--	--	--	--	--	--	--	418	--	--	--	--	--	--	--	--	2,080	--
58-301	744	Aug. 14, 1963	28	.69	--	66	13	98	2.8	356	9.6	98	.3	.0	.11	491	218	49	2.9	1.47	845	6.8
404	733	Aug. 5, 1960	37	--	--	76	18	*157	--	337	59	190	--	.0	.10	703	264	56	4.2	--	1,180	6.9
602	48	Nov. 6, 1934	--	--	--	66	8.0	*27	--	171	9.4	75	.6	.0	--	270	198	--	--	--	--	--
801	665	Aug. 28, 1963	30	.40	--	79	14	76	2.8	330	28	90	.3	.2	.10	482	254	39	2.1	.32	836	6.9
59-201	934	Aug. 5, 1960	22	--	--	40	12	*114	--	337	19	71	.4	.0	.09	444	150	62	4.0	--	740	7.1
303	575	Sept. 4, 1963	--	--	--	--	--	--	--	--	--	200	--	--	--	--	--	--	--	--	1,220	--
305	68	July 17, 1934	--	--	--	--	--	--	--	340	--	285	--	--	--	--	435	--	--	--	--	--
308	755	Aug. 13, 1963	22	.54	--	68	17	124	3.3	332	41	140	.3	.2	.13	579	240	53	3.5	.65	1,000	6.9
501	666	Aug. 6, 1963	24	.07	--	62	16	72	2.3	292	24	81	.4	.0	.09	426	220	42	2.1	.38	832	7.0
701	581	Sept. 10, 1963	21	1.3	--	54	16	118	2.8	366	6.4	112	.3	.0	.18	512	200	56	3.6	2.02	865	7.3
901	630	Oct. 4, 1963	19	.38	0.00	32	13	163	2.1	374	25	116	.4	.0	.24	555	134	72	6.1	3.46	977	7.0
60-201	671	Aug. 16, 1963	33	.08	--	53	5.8	35	1.8	212	11	36	.3	.5	.06	280	156	32	1.2	.35	457	7.2
203	190	Nov. 10, 1934	--	--	--	74	11	*40	--	257	13	65	.2	.6	--	330	230	--	--	--	--	--
205	224	July 31, 1963	32	.06	--	77	4.9	*46	--	262	13	60	.2	.2	.05	362	212	32	1.4	.05	583	7.2
303	280	July 23, 1934	--	--	--	--	--	--	--	316	--	102	--	--	--	--	285	--	--	--	--	--
403	830	Aug. 6, 1963	18	.07	--	24	10	215	2.2	374	31	167	.7	.0	1.0	653	101	82	9.3	4.11	1,250	7.3
504	56	July 29, 1934	--	--	--	--	--	--	--	380	--	475	--	--	--	--	600	--	--	--	--	--

See footnotes at end of table.

Table 9.--Chemical analyses of water from wells in Jackson and adjacent counties--Continued

Well	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe) (total)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃) _{a/}	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids ^{b/}	Hardness as CaCO ₃	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	Specific conductance (micromhos at 25°C)	pH
PP-66-60-505	316	Aug. 1, 1963	26	0.07	--	66	9.6	*92		286	26	101	0.3	0.2	0.07	462	204	50	2.8	0.61	764	7.0
	603	July 31, 1963	35	.03	--	109	9.7	*72		344	29	110	.3	1.0	.07	353	312	33	1.8	.00	878	6.9
y	604	Sept. 30, 1942	--	--	--	70	13	*103		342	18	109	--	0	--	481	228	--	--	--	--	--
	701	July 27, 1934	--	--	--	--	--	--		382	--	655	--	--	--	--	780	--	--	--	--	--
	703	Aug. 20, 1963	21	.06	--	51	15	129	3.1	336	34	120	.4	.0	.16	539	188	59	4.1	1.74	925	7.2
	704	Sept. 1, 1942	22	.06	--	65	20	*133		350	43	141	.6	0	--	597	244	--	--	--	--	7.6
y	705	July 27, 1934	--	--	--	--	--	--		308	--	66	--	--	--	--	--	--	--	--	--	--
	706	Oct. 1, 1963	--	--	--	--	--	--		--	--	270	--	--	--	--	--	--	--	--	1,540	--
	901	Sept. 30, 1942	35	.05	--	90	17	*31		242	14	105	.2	1.0	--	412	294	--	--	--	--	7.4
y	901	Aug. 1, 1953	22	.18	<0.05	83	22	*46		238	44	110	.2	.9	--	466	295	--	--	--	--	7.9
y	902	July 10, 1951	15	.12	<.05	17	6	*253		372	58	178	1.6	<.4	--	720	67	--	--	--	--	8.1
y	902	July 12, 1946	27	.15	<.05	12	6	*265		366	67	185	1.5	<.4	--	714	55	--	--	--	--	8.3
y	903	Aug. 10, 1953	16	.07	<.05	12	9	*266		329	106	174	1.6	<.4	--	725	67	--	--	--	--	8.4
+	903	Aug. 18, 1960	18	.08	.02	9.0	3.3	253	2.3	358	45	176	1.7	.0	.84	685	36	93	18	--	1,160	7.5
y	903	Aug. 16, 1963	--	.04	<.05	8	3	*248		351	45	175	1.5	<.4	--	830	33	--	--	--	1,284	8.3
	61-702	Aug. 9, 1963	32	.07	--	94	18	*61		334	20	102	.4	1.2	.06	493	308	30	1.5	.00	822	6.8
	62-707	July 30, 1963	34	.16	--	86	28	*85		424	20	102	.6	.0	.10	564	330	36	2.0	.36	933	6.9
	80-02-301	Aug. 13, 1963	25	.78	--	70	15	86	2.2	332	16	94	.3	.0	.07	472	236	44	2.4	.72	815	6.8
	605	Aug. 29, 1963	21	2.8	--	80	26	103	2.7	334	18	170	.3	.0	.14	585	306	42	2.6	.00	1,080	7.2
	901	July 26, 1963	18	.13	--	36	16	*161		368	.0	144	.4	.0	.37	557	156	69	5.6	2.91	947	7.4
	03-202	Sept. 11, 1963	19	.60	--	36	13	163	3.3	344	3.0	159	.4	.0	.28	566	144	71	5.9	2.71	978	7.1
	205	June 26, 1934	--	--	--	--	--	--		146	--	330	--	--	--	--	645	--	--	--	--	--
z/	301	July 3, 1952	11	.2	--	8.3	.8	*254.8		366	.0	182	--	--	--	871.3	24	--	--	--	--	8.00
	301	Aug. 5, 1960	15	.08	.01	6.5	2.7	251	1.7	375	.4	185	.8	.0	.40	648	27	95	21	--	1,120	7.3
y	301	Sept. 26, 1963	--	.08	<.1	6	1	*242		382	<3	170	.6	.9	--	800	21	--	--	--	1,180	8.2
y	302	July 7, 1943	17	.06	<.05	38	16	*150		366	3	131	.4	.9	--	552	161	--	--	--	--	7.5
y	303	Sept. 26, 1963	--	.3	<.1	6	2	*248		375	<3	184	.8	.9	--	820	25	--	--	--	1,225	8.1
	304	June 21, 1934	--	--	--	--	--	--		378	--	146	--	--	--	--	114	--	--	--	--	--

See footnotes at end of table.

Table 9.--Chemical analyses of water from wells in Jackson and adjacent counties--Continued

Well	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe) (total)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃) ₂	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids b/	Hardness as CaCO ₃	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	Specific conductance (micromhos at 25°C)	pH
PP-80-03-304	410	Oct. 1, 1942	14	0.07	--	25	13	*181		370	2	144	0.4	0	--	562	116	--	--	--	--	7.7
y	305	1,434 Aug. 12, 1949	13	.2	<0.05	9	3	*293		378	11	249	.8	.9	--	800	35	--	--	--	--	8.2
	703	833 July 29, 1963	15	.08	--	16	9.5	*200		368	.0	150	.6	.0	0.52	573	79	85	9.8	4.45	980	7.2
	901	270 July 5, 1934	--	--	--	--	--	--		354	--	192	--	--	--	--	67	--	--	--	--	--
y	901	270 Sept. 24, 1942	--	--	--	12	8.3	*231		342	2	201	.8	0	--	623	65	--	--	--	--	--
3y	902	312 Nov. 6, 1951	10.0	.15	--	13.3	6.2	*250		356.2	.0	212	--	--	--	885.5	59	--	--	--	--	7.84
3y	903	312 do	12	.2	--	14.3	6.9	*240.8		353.8	.0	204	--	--	--	875.6	64	--	--	--	--	7.82
	04-404	549 Aug. 3, 1960	18	--	--	28	10	*202		365	2.6	175	.6	.0	.27	615	111	80	8.3	--	1,060	7.5
	603	126 Sept. 27, 1963	--	--	--	--	--	--		--	--	250	--	--	--	--	--	--	--	--	1,300	--
y	605	65 Aug. 13, 1934	--	--	--	--	--	--		450	--	191	--	--	--	--	390	--	--	--	--	--
	606	62 July 30, 1964	--	--	--	--	--	--		--	--	167	--	--	--	--	--	--	--	--	1,220	--
	607	142 Apr. 1945	--	.15	--	89	27	*91		420	27	112	--	.0	--	580	333	--	--	--	--	--
	608	280 July 30, 1964	--	--	--	--	--	--		313	--	98	--	--	--	--	174	--	--	--	820	7.3
	609	160 do	--	--	--	--	--	--		362	--	670	--	--	--	--	825	--	--	--	2,550	6.8
y	704	128 May 11, 1964	13	--	--	54	25	*385		331	<3.0	560	.7	<.4	--	1,200	237	77	--	--	2,240	7.7
y	705	84 May 11, 1964	19	--	--	49	20	*237		426	7	258	1.1	<.4	--	800	203	--	--	--	1,450	7.5
y	706	128 do	14	--	--	30	11	*217		353	<3	214	.7	<.4	--	840	118	80	--	--	1,200	7.6
y	707	125 do	15	--	--	38	18	*304		318	<3	414	.8	<.4	--	1,110	167	--	--	--	1,770	7.7
	801	131 Aug. 13, 1934	--	--	--	--	--	--		310	--	372	--	--	--	--	189	--	--	--	--	--
	802	91 June 10, 1964	--	--	--	--	--	--		262	--	170	--	--	--	--	180	--	--	.69	1,020	8.0
	803	85 do	--	--	--	--	--	--		268	--	153	--	--	--	--	184	--	--	.71	925	7.8
y	901	370 Apr. 26, 1963	--	--	--	--	--	*266		366	--	688	--	--	--	1,625	--	--	--	--	--	7.3
	901	370 Sept. 26, 1963	30	3.6	--	202	60	391	4.0	354	38	900	.4	.5	.48	1,800	751	53	6.2	.00	3,290	6.7
	902	400 Sept. 26, 1955	20	--	--	38	17	82	3.6	257	23	84	.3	.0	--	399	166	--	--	--	704	8.0
y	904	340 Oct. 16, 1949	10	.05	--	20.3	10.0	*129.2		297.7	15.7	71	--	--	--	575.4	91	--	--	--	--	7.88
	905	90 Sept. 27, 1963	--	--	--	--	--	--		--	--	820	--	--	--	--	--	--	--	--	2,970	--
	906	302 do	--	--	--	--	--	--		--	--	1,050	--	--	--	--	--	--	--	--	3,650	--
	907	70 do	--	--	--	--	--	--		--	--	1,110	--	--	--	--	--	--	--	--	3,960	--

See footnotes at end of table.

Table 9.--Chemical analyses of water from wells in Jackson and adjacent counties--Continued

Well	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe) (total)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃) _a	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids _b	Hardness as CaCO ₃	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	Specific conductance (micromhos at 25°C)	pH
PP-80-04-907	138	July 30, 1964	--	--	--	--	--	--	--	394	--	136	--	--	--	--	283	--	--	--	1,030	7.0
908	82	Sept. 27, 1963	--	--	--	--	--	--	--	--	--	131	--	--	--	--	--	--	--	--	1,050	--
909	180	do	--	--	--	--	--	--	--	--	--	98	--	--	--	--	--	--	--	--	958	--
05-305	507	Aug. 4, 1960	32	--	--	82	25	*69	--	355	21	102	0.4	0.2	0.09	507	308	33	1.7	--	867	6.8
401	525	June 9, 1964	--	--	--	--	--	*76	--	264	24	81	--	--	--	--	190	47	2.4	0.53	686	7.4
402	127	July 30, 1964	--	--	--	--	--	--	--	--	--	76	--	--	--	--	--	--	--	--	802	--
505	210	Aug. 24, 1934	--	--	--	--	--	--	--	430	--	80	--	--	--	--	321	--	--	--	--	--
505	210	Sept. 25, 1942	--	--	--	48	23	*130	--	451	14	79	.3	0	--	516	214	--	--	--	--	--
507	795	Oct. 8, 1963	26	0.07	0.00	60	19	76	2.6	328	18	80	.5	.0	.15	443	228	42	2.2	.83	776	7.0
701	429	Sept. 6, 1963	28	.55	--	82	23	89	3.2	382	26	106	.4	.0	.16	546	299	39	2.2	.28	945	6.8
902	340	July 18, 1934	--	--	--	--	--	--	--	338	--	132	--	--	--	--	330	--	--	--	--	--
06-102	364	July 30, 1963	42	.21	--	121	35	*95	--	390	16	224	.5	.2	.07	726	446	32	2.0	.00	1,250	6.8
703	590	Aug. 11, 1960	24	--	--	42	17	*78	--	308	18	53	--	.0	--	383	175	49	2.6	--	648	7.2
704	430	July 30, 1963	24	.36	--	58	25	*110	--	360	51	98	.6	.0	.11	544	248	49	3.0	.95	900	7.0
11-202	500	June 10, 1964	--	--	--	--	--	*200	--	328	.0	164	--	--	--	--	66	87	11	4.06	997	8.2
301	365	May 25, 1954	--	--	--	69	2.8	*427.3	--	351	19.7	567.2	--	--	--	1,437	184	82.1	--	--	--	--
301	365	June 10, 1964	--	--	--	--	--	*404	--	192	15	595	--	--	--	--	134	87	15	.47	2,170	8.0
302	425-468	Apr. 18, 1956	--	--	--	25	15	*504	--	330	19	660	--	--	--	1,435	125	--	--	--	--	--
302	325-365	do	--	--	--	61	209	*46	--	330	10	589	--	--	--	1,096	1,011	--	--	--	--	--
303	189	July 9, 1934	--	--	--	--	--	--	--	374	--	360	--	--	--	--	87	--	--	--	--	--
603	1,255	Sept. 2, 1955	8	.2	--	9	4	*410	--	512	.3	360	--	--	--	1,346	39	--	--	--	--	8.05
603	1,255	Aug. 11, 1960	17	--	--	12	5.1	*416	--	474	.4	402	--	.0	--	1,090	51	95	25	--	1,910	7.6
12-101	385	June 22, 1954	--	--	--	90	8.02	*331	--	396	7.7	454	--	--	--	1,281	258	73.6	--	--	--	--
101	385	June 10, 1964	--	--	--	--	--	--	--	416	--	450	--	--	--	--	64	--	--	5.55	2,000	8.4
102	185	do	--	--	--	--	--	--	--	364	--	590	--	--	--	--	104	--	--	3.90	2,320	8.4
103	228	June 22, 1954	--	--	--	28	12	*430	--	324	14	546	--	--	--	1,342	119	88.7	--	--	--	--
103	228	June 10, 1964	--	--	--	--	--	--	--	328	--	568	--	--	--	--	90	--	--	3.58	2,230	8.3

See footnotes at end of table.

Table 9.--Chemical analyses of water from wells in Jackson and adjacent counties--Continued

Well	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe) (total)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃) _{s/l}	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids b/l	Hardness as CaCO ₃	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	Specific conductance (micromhos at 25°C)	pH	
y PP-80-12-108	58	May 11, 1964	17	--	--	57	51	*940		500	155	1,300	1.1	<0.4	--	3,020	352	--	--	--	4,750	7.6	
y	109	26 do	13	--	--	44	32	*840		383	111	1,170	1.1	<.4	--	2,400	243	88	--	--	4,180	7.7	
y	111	215 do	13	--	--	33	12	*510		354	<3	670	1.0	<.4	--	1,590	132	90	--	--	2,560	7.6	
	201	90 June 10, 1964	--	--	--	--	--	--		308	--	215	--	--	--	--	156	--	--	1.93	1,210	8.1	
	202	123 May 19, 1964	19	1.1	--	27	12	250	2.4	402	16	232	1.0	1.0	--	758	117	82	10	4.25	1,360	7.5	
y	203	128 May 11, 1964	14	--	--	54	21	*520		342	17	730	.9	<.4	--	1,550	219	84	--	--	2,820	8.0	
	204																						
y	205	26 do	13 ^a	--	--	32	13	*405		332	<3	530	1.1	<.4	--	1,160	135	88	--	--	2,170	7.8	
	206	110 June 10, 1964	--	--	--	--	--	*299		336	.0	348	--	--	--	--	116	85	12	2.92	1,570	8.4	
z	302	351 Feb. 8, 1950	12	.2	--	28.8	11.4	*125.6		307.4	17.3	83.0	--	--	--	620.9	11.9	--	--	--	--	8.02	
	401	1,232 Sept. 24, 1942	19	.84	--	8.2	3.5	*326		445	2	264	1.6	0	--	843	35	--	--	--	--	8.1	
z	403	1,258 Aug. 11, 1953	16	.7	--	8.4	2.2	*330.7		451.4	.0	260	--	--	--	1,114.2	30	--	--	--	--	8.10	
	403	1,258 May 21, 1964	--	--	--	--	--	--		446	--	265	--	--	--	--	33	--	--	6.65	1,490	8.0	
	502	330 Sept. 17, 1963	18	2.1	--	44	19	313	2.8	384	7.6	395	1.0	1.5	0.69	992	188	78	9.9	2.53	1,760	7.1	
	503	1,250 May 19, 1964	--	--	--	--	--	--		460	--	300	--	--	--	--	34	--	--	6.86	1,610	8.4	
§	604	182 Aug. 11, 1960	17	.45	0.02	26	11	235	2.7	396	11	201	1.0	.0	.53	700	110	82	9.8	--	1,220	7.6	
	604	182 May 19, 1964	--	--	--	--	--	--		394	--	154	--	--	--	--	92	--	--	4.62	1,120	8.2	
	605	1,234 Nov. 6, 1934	--	--	--	17	8.7	*626		487	1.1	732	2.4	1.5	--	1,629	78	--	--	--	--	--	
	702	1,237 May 21, 1964	18	.17	--	7.0	2.1	*302		400	.4	248	1.5	1.0	--	777	26	96	26	6.04	1,360	7.9	
y	704	1,233 Sept. 24, 1942	--	--	--	9.2	3.4	*317		415	2	270	1.6	0	--	807	37	--	--	--	--	--	
	13-103	92 July 31, 1934	--	--	--	--	--	--		384	--	32	--	--	--	--	273	--	--	--	--	--	
	103	92 May 21, 1964	--	--	--	--	--	--		358	--	52	--	--	--	--	296	--	--	.00	736	7.4	
	403	551 Aug. 4, 1960	26	--	--	40	15	*98		333	14	62	--	.0	.13	419	162	57	3.4	--	697	7.0	
	404	510 Sept. 10, 1963	--	--	--	--	--	--		--	--	57	--	--	--	--	--	--	--	--	--	713	--
	602	170 Sept. 11, 1963	19	.08	--	30	15	*160		370	27	107	.9	.0	--	541	136	72	6.0	3.33	889	7.3	
	901	775 do	--	--	--	--	--	--		332	--	69	--	--	--	--	--	--	--	--	--	755	7.2
	904	440 Oct. 22, 1963	--	--	--	--	--	--		302	--	50	--	--	--	--	45	--	--	4.05	666	7.9	
	14-101	650 Apr. 22, 1964	23	.01	--	48	18	80	2.3	324	18	66	.4	.0	.15	415	194	47	2.5	1.43	716	7.4	

See footnotes at end of table.

Table 9.--Chemical analyses of water from wells in Jackson and adjacent counties--Continued

Well	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe) (total)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃) ^{b/}	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids ^{b/}	Hardness as CaCO ₃	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	Specific conductance (micromhos at 25°C)	pH	
PP-80-14-103	752	Sept. 12, 1963	--	--	--	--	--	--	--	--	--	59	--	--	--	--	--	--	--	--	701	--	
	401	729	do	--	--	--	--	--	--	--	--	52	--	--	--	--	--	--	--	--	658	--	
y	402	377	Sept. 29, 1942	--	--	--	29	11	*115	342	17	49	0.1	0	--	389	157	--	--	--	--	--	
	403	386	May 21, 1964	--	--	--	--	--	--	312	--	56	--	--	--	--	152	--	--	2.07	681	7.7	
y	404	382	Sept. 29, 1942	--	--	--	45	11	*87	317	21	45	--	0	--	365	157	--	--	--	--	--	
	20-201	190	Oct. 10, 1963	--	--	--	--	--	--	360	--	195	--	--	--	--	590	--	--	.00	6,510	7.0	
	203	152	do	--	--	--	--	--	--	366	--	820	--	--	--	--	384	--	--	.00	3,080	7.5	
	21-101	320	Oct. 15, 1963	--	--	--	--	--	--	398	--	245	--	--	--	--	28	--	--	5.96	1,410	8.0	
	103	330	Aug. 16, 1934	--	--	--	--	--	--	410	--	255	--	--	--	--	24	--	--	--	--	--	
y	201	468	Sept. 24, 1949	8.0	0.1	--	5.8	2.2	*172.2	327	14.4	69	--	--	--	634.7	23.6	--	--	--	--	8.5	
y	201	468	May 27, 1963	6.9	.05	--	4.9	2.1	*184.5	351.4	12.5	85.0	--	--	--	657.3	21	--	--	--	809	8.10	
y	203	482	May 9, 1953	9.0	.1	--	4.8	2.5	*196.6	353.8	16.4	86	--	--	--	710	22	--	--	--	--	8.35	
y	203	482	Feb. 19, 1963	--	.04	<0.05	4	2	*177	336	16	76	.7	<.4	--	616	21	--	--	--	813	8.4	
y	208	125-140	Sept. 3, 1949	7.2	.2	--	81	--	116	--	317	33	190	--	--	820	313	--	--	--	--	7.7	
y	208	310-325	Sept. 2, 1949	10	.5	--	8.3	3.9	210	--	342	10	131	--	--	766	37	--	--	--	--	8.0	
y	208	425-440	do	6.2	.4	--	5.8	2.0	177	--	329	14	72	--	--	651	23	--	--	--	--	8.0	
y	208	525-540	do	9.3	.3	--	5.2	2.9	274	--	351	11	207	--	--	915	25	--	--	--	--	8.1	
	301	500	Sept. 8, 1934	--	--	--	--	--	--	380	--	91	--	--	--	--	24	--	--	--	--	--	
	601	635	Sept. 19, 1963	15	.42	--	10	5.1	180	1.6	352	14	100	1.0	.0	0.31	500	46	89	12	4.85	849	7.8
	22-202	350	Sept. 8, 1934	--	--	--	--	--	--	402	--	66	--	--	--	--	20	--	--	--	--	--	
	401	690	Aug. 3, 1960	15	--	--	14	6.0	*205	399	19	112	--	.0	.19	567	60	88	12	--	964	7.5	
	501	370	Sept. 5, 1963	15	.08	--	12	6.1	156	2.0	358	18	63	.8	.0	.20	449	55	86	9.1	4.77	752	7.4
Calhoun County																							
	BW-80-20-601	320	Jan. 13, 1959	8.0	--	--	23	12	*718	357	6.2	970	--	0.5	--	1,910	107	94	30	--	3,490	--	
y	801	89-104	Sept. 1948	--	--	--	--	--	--	--	--	3,450	--	--	--	--	--	--	--	--	--	--	

See footnotes on next page.

Table 9.--Chemical analyses of water from wells in Jackson and adjacent counties--Continued

Well	Depth of well (ft)	Date of collection	Silica (SiO ₂)	Iron (Fe) (total)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO ₃) ^{a/}	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Boron (B)	Dissolved solids ^{b/}	Hardness as CaCO ₃	Percent sodium	Sodium adsorption ratio (SAR)	Residual sodium carbonate (RSC)	Specific conductance (micromhos at 25°C)	pH	
^{2/} BW-80-20-801	593-608	Sept. 1948	--	--	--	--	--	--	--	--	--	2,970	--	--	--	--	--	--	--	--	--	--	--
^{2/} 801	855-874	do	--	--	--	--	--	--	--	--	--	5,175	--	--	--	--	--	--	--	--	--	--	--
^{2/} 801	895-910	do	--	--	--	--	--	--	--	--	--	7,575	--	--	--	--	--	--	--	--	--	--	--
^{2/} 801	995-1,011	do	--	--	--	--	--	--	--	--	--	10,350	--	--	--	--	--	--	--	--	--	--	--
^{2/} 802	372	Apr. 20, 1949	4.9	.3	--	21	11	608	--	415	0	755	--	--	--	1,869	98	--	--	--	--	7.9	

* Sodium and potassium calculated as sodium (Na).

† Phosphate (PO₄), 0.00.

‡ Phosphate (PO₄), 0.09.

§ Phosphate (PO₄), 0.05.

^{1/} Analyses by Texas State Health Department.

^{2/} Analyses by Curtis Laboratories.

^{3/} Analyses by Layne-Texas Co.

^{4/} Analyses by Wharton County Junior College.

^{5/} Analyses from Jackson County 1943 report.

^{6/} Analyses by Texas A & M College.

^{a/} Includes the equivalent of any carbonate (CO₃) present.

^{b/} Values may differ for waters from same wells because of different methods of determination used by different laboratories.

