

LOG AND HISTORY

WELL NO. 3

PROPERTY State 4-27

Standard Oil Company of

COMPANY

Texas

NOTE: FORMATIONS SHOWING OIL OR GAS SHOULD BE NOTED IN CAPITALS

FROM	TO	FEET	FORMATION DRILLED AND CORED
			<p>October 28, 1938 - Authorization SOT Pro-161 received to drill State 4-27 #3 (B-1840 lease) located 1980' from the South and East lines of Section 27, Twp. 17-S, Rg. 35-E, Lea County, New Mexico.</p> <p>Staked location.</p> <p>October 29, 1938 - November 22, 1938, Waiting on rig from State 4-27 #2 well.</p> <p>November 22, 1938 - Started cellar and pits.</p> <p>November 27, 1938 - Finished rigging up and started drilling 17-1/2" hole.</p>
0	18' 6"	18' 6"	Cellar
18' 6"	45	26' 6"	Caliche
45	221	176	Water sand
221	259	38	Red bed and lime shells
			<p>November 28, 1938 - Landed and cemented 237' of 13-3/8" casing at 254' with 250 sacks El Toro Oil Well Cement by Halliburton method, top plug only. Casing free, circulation good. 15 minutes mixing cement, 10 minutes pumping down plug.</p> <p style="text-align: center;"><u>Casing Detail</u></p> <p>237' of 13-3/8", 54.5# and 48#, 8 thd., seamless, second-hand, casing at 254'. Texas Pattern shoe on bottom.</p> <p>November 29, 1938 - After standing cemented 36 hours, casing was tested with 500 psi. Pressure dropped 25 psi in 30 minutes. Casing o.k.</p> <p>Drilled plug and tested WSO with 500 psi. Pressure dropped 40 psi in 30 minutes. WSO o.k.</p> <p>Drilled ahead in 12-1/4" hole</p>
259	1305	1046	Red bed and shells
1305	1428	123	Red bed and lime shells
1428	1540	112	Red rock
1540	1603	63	Red rock and red bed
1603	1610	07	Red rock
1610	1655	45	Anhydrite
			<p>Acid bottle at 800' tested o.k. Acid bottle at 1000' tested o.k.</p>

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FORMATION DRILLED AND CORDED	FEET	TO	FROM
<p>November 22, 1954 - 12:00 - 12:15 - 12:30 - 12:45 - 1:00 - 1:15 - 1:30 - 1:45 - 2:00 - 2:15 - 2:30 - 2:45 - 3:00 - 3:15 - 3:30 - 3:45 - 4:00 - 4:15 - 4:30 - 4:45 - 5:00 - 5:15 - 5:30 - 5:45 - 6:00 - 6:15 - 6:30 - 6:45 - 7:00 - 7:15 - 7:30 - 7:45 - 8:00 - 8:15 - 8:30 - 8:45 - 9:00 - 9:15 - 9:30 - 9:45 - 10:00 - 10:15 - 10:30 - 10:45 - 11:00 - 11:15 - 11:30 - 11:45 - 12:00</p>	<p>178 176 174 172 170 168 166 164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60 58 56 54 52 50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0</p>	<p>178 176 174 172 170 168 166 164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60 58 56 54 52 50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0</p>	<p>178 176 174 172 170 168 166 164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60 58 56 54 52 50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0</p>