

LOG AND HISTORY

WELL NO. 1

PROPERTY State 3

STANDARD OIL COMPANY COMPANY

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

FROM	TO	FEET	FORMATION DRILLED AND CORED
4670	4705	35	<p>August 4, 1938 - Deepened well from 4670' - 4705'.</p> <p>Gray and brown lime.</p> <p>Ran 4697' of 2" tubing. Unloaded well with gas injected down tubing. After recovering circulating oil well made 5 bbls fluid per hour, 75% salt water on gas lift. Pulled tubing and ran it back open ended. Bottom of tubing at 4703'. Blew well with gas. Well made 5 bbls fluid per hour, 75% salt and sulphur water.</p> <p>August 9, 1938 - Pumped 36 bbls. fresh water into formation at rate of 1/2 bbls. min. at 1700#. Then equalized 15 sacks El Toro Cement in hole, pulled up tubing, and squeezed cement into formation at 1750# pressure. After standing cemented 62 hours, top of cement was found at 4649'.</p> <p>Plugged Back Depth 4649'.</p> <p>Started to swab well thru 2" tubing. Tubing got plugged with rubber. Pulled tubing and unloaded well with casing swab. Swabbed casing dry and then bailed hole dry to bottom. Let well stand 2 hrs. Fluid level rose 10'-15' in 2 hours. Bailed 1/4 - 1/2 bbl. acid-cut oil per hour. Squeeze job shut off water o.k.</p> <p>August 15, 1938 - Put in 2 containers of lead wool and then loaded well with 900 qts. of liquid nitroglycerine. Put 1500' oil load on top of shot for temp.</p> <p style="text-align: center;"><u>Shot Detail</u></p> <p>150# lead wool 4649' - 4643' (Lead wool not tamped) Blank anchor 4643' - 4637'. 900 qts. nitroglycerine 4637' - 4354' in 4-1/2" shells. Zero Hour Time Bomb shot exploded on time and partially cleaned itself. Flowed for 1/2 hr. after shot then quit.</p> <p>Picked up 3" flush joint drill pipe and started cleaning out. Found top of cavings at 4575'. Cleaned out for 32 hours with drill pipe, then pulled drill pipe and ran in 2" tubing with 6-1/4" full opening bit on bottom to get more circulation volume. 24 hours cleaning out 4583' - 4647' with 2" tubing.</p> <p>Lead wool was compressed by shot from 6' to 2'. Lead wool plugged back 4649' - 4647'.</p> <p>Plugged Back Total Depth 4647' SIM</p>

1. *Chlorophyll a* (Chl *a*)

[illegible]

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

[illegible][illegible]

Age Group	No (%)	Yes (%)	Don't know (%)	Refuse to answer (%)
18-24	85	10	10	5
25-34	75	20	10	5
35-44	65	30	10	5
45-54	55	35	10	5
55-64	45	40	10	5
65+	45	45	10	5

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