

LOG AND HISTORY

WELL NO. 4

PROPERTY State 3

STANDARD OIL CO. OF TEXAS

COMPANY

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

FROM	TO	FEET	FORMATION DRILLED AND CORED
323	425	502	Red bed
425	1320	495	Red bed and shells
1320	1440	120	Red rock
1440	1535	85	Red rock and shells
			DEVIATION TEST at 1500'. Deviation from vertical - 1°
1525	1584	59	Anhydrite
			<u>March 9, 1940:</u> Landed and cemented 1563' of 9-5/8" casing at 1577'.
			<u>Casing Detail</u> Put in 1563' of new 9-5/8", 8-V thread, 36#, 1800# test of Chester Lapweld casing with Baker Float shoe.
			<u>Cementing Detail</u> Landed and cemented 9-5/8" casing at 1577' with 615 sacks of El Toro Green Bag Oil well cement, Halliburton Process, Halliburton Top Plug. Circulation obtained and casing free. 60 minutes mixing and pumping plug into place. Pump stopped when plug reached 1547'. Pump pressure, 575#.
			<u>March 11, 1940:</u> After standing cemented 48 hours tested casing with 1000# pressure. Pressure dropped 40# in 30 minutes. Casing tested O.K. Found top of cement at 1550'. Drilled plug and cement and cleaned out to bottom. Tested hole 30 minutes with 1000# pressure and pressure dropped 30#. Casing in hole tested O.K. for water shut-off. Drilling continued in an 8-3/4" hole from 1584' to 4165'.
1584	1630	46	Anhydrite
1630	2180	550	Salt and shells. Air pocket at 1962'.
2180	2490	310	Salt, anhydrite and shells.
			DEVIATION TEST at 2250' - 1° from vertical
2490	2515	25	Anhydrite
			DEVIATION TEST at 2500' - 3/4° from vertical
2515	2610	95	Salt, anhydrite and shells
2610	2726	116	Anhydrite and potash
			DEVIATION TEST at 2700' - 1/2° from vertical

COMPARISON

WELL NO.

УТВЕРЖАЮ

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FORMATION ORIENTED

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