

RECORD OF DRILL-STEM AND SPECIAL TESTS

STATE-LEA "A" WELL NO. 1

DEFLECTION TESTS

<u>Footage</u>	<u>Degrees</u>	<u>Footage</u>	<u>Degrees</u>	<u>Footage</u>	<u>Degrees</u>
150	1	5500	1/4	9088	1/2
375	1	5720	1/4	9200	1/4
650	1/2	5827	1/4	9295	1/4
993	1/4	5993	1/4	9385	1/4
1425	1/4	6090	1/4	9460	1/2
1775	1	6290	1/4	9550	3/4
1980	1/4	6405	1	9630	1-1/4
2292	1/2	6480	1/4	9705	1
2730	3/4	6560	3/4	9755	1/2
3032	3/4	6705	3/4	9815	3/4
3265	1-1/4	6780	1	9885	1-1/4
3430	3/4	6955	1/2	9970	1
3575	1/2	7112	1/2	10015	1
3755	1/4	7260	3/4	10100	1-1/4
3890	1/4	7395	3/4	10170	1
3975	-	7575	3/4	10285	1
4145	3/4	7665	3/4	10320	1
4300	3/4	7830	3/4	10360	3/4
4515	1/2	8120	3/4	10385	1
4745	1/4	8200	1/2	10510	1
4915	1/2	8362	1/4	10582	1
5000	1/2	8460	1/4		
5120	1/2	8595	1/4		
5235	1/2	8690	1/4		
5360	1/4	8835	1/2		

DRILL-STEM TESTS

<u>From</u>	<u>To</u>	<u>Remarks</u>
10190'	10323'	1" surface, 5/8" bottom chokes, no water blanket, tool open 3 hours, fairly strong air blow when tool opened, continued throughout test. Pulled tool, recovered 120' slightly gas cut drilling mud, no oil or water, flowing pressure 55# to 110#, hydrostatic pressure 5030#, 20 Min. shut in pressure 395#.
10428'	10515'	1" surface, 5/8" bottom chokes, no water blanket, air to surface when tool opened, gas to surface in 3 minutes, mud in 11 minutes and oil in 13 minutes. Flowed to tank 1-1/2 hours, 126 barrels oil, gravity 40.4 deg at 60 deg, gas-oil ratio 903 CF/B. Opened circulating sub, reversed out oil and gas from 3-1/2" drill pipe, pulled tool recovered 30' clean oil in 5-1/2" drill collar below circulating sub. No water or mud. Flowing pressure 510# to 2980#, hydrostatic pressure 5225#, 25 minute shut in pressure 3988'.