

DRILL STEM TEST

- No. 1 1-1/2 Hour Drill Stem Test from 4883-4953' with 5/8" choke at 4873'. Packers at 4877-4883'. Bombs at 4946-4951'. Tool opened 8:07AM 7-19-57. Recovered 210' fluid, 30' oil and gas cut mud, 20% oil, 90' salt water, 50% salt water and 90' salt water. HP 2290#. FP 70-120#. 30 minute BHP 190#.
- No. 2 2 Hour Drill Stem Test from 4970-5088' with 5/8" choke at 4955'. Packers at 4965-4970'. Bombs at 5083-5086'. Tool opened 7:55PM 7-21-57. Gas to surface 9 minutes, 46,600 cu. ft. decreased to 19,000 cu. ft. at end of test. No fluid to surface. Recovered 450' fluid, 90' gas cut mud, 260' oil and gas cut mud, 70% oil and 100' clean oil, no water. HP 208#. FP 100-160#. 30 minute BHP 1860#.
- No. 3 3-3/4 Hour Drill Stem Test from 7370-7463'. Recovered 79 1/2 bbls oil and 8 1/2 bbls salt water. Gas to surface 6 minutes, 24 hour rate 508,000 cu. ft. 24 hour rate flowed 540 bbls oil and 60 bbls salt water. HP 3920#. FP 630-980#. 30 minute BHP 2330#.
- No. 4 3 Hour 13 minute Drill Stem Test from 7898-7960'. Recovered 217 bbls oil and no water. Gas to surface 5 minutes, 24 hour rate 928,000 cu. ft. Mud to surface 8 minutes, oil to surface 10 minutes. 24 hour rate flowed 1488 bbls oil and no water. HP 3520#. FP 565-2805#. 30 minute BHP 3270#.

DEVIATION TOTCO SURVEY

1 - 192'	1/2 - 3065	1 - 6130
1/4 - 280'	1 - 3120	1-1/4 - 6270
1 - 390'	1/4 - 3200	1-1/2 - 6380
1-1/4 - 840'	1/2 - 3310	1-1/4 - 6420
3/4 - 1015'	1/2 - 3425	1-1/2 - 6580
1 - 1165	1/4 - 3612	1-3/4 - 6730
1-1/2 - 1275	1/2 - 4100	2 - 6860
1-1/2 - 1385	1/2 - 4150	2 - 6950
1-3/4 - 1521	1/2 - 4360	1-3/4 - 7086
1-1/2 - 1590	1/2 - 4520	2 - 7140
1-1/2 - 1962	3/4 - 4670	2 - 7520
1-1/4 - 2230	3/4 - 4860	1-3/4 - 7600
1-1/4 - 2300	1-1/4 - 4953	2 - 7650
1 - 2480	3/4 - 5080	1-1/2 - 7770
1/2 - 2598	3/4 - 5370	1-1/4 - 7884
1-1/4 - 2710	1 - 5475	
1/2 - 2770	1 - 5596	
1 - 2840	1 - 5675	
1/4 - 2940	1 - 5840	
1 - 2985	3/4 - 6000	

