

DEVIATION - TOTCO SURVEY

0 - 375'	3/4 - 6320'	1 - 9655
1 - 826'	1 - 6585	1 - 9720
1/4 - 1120	1/2 - 6720	3/4 - 9897
3/4 - 1420	1/4 - 6785	3/4 - 9945
3/4 - 1857	1/2 - 6868	1-3/4 - 10240
3/4 - 2122'	3/4 - 6970	3/4 - 10344
1-1/4 - 2439'	1/2 - 7284	3/4 - 10600
1 - 2805'	1/2 - 7415	1/2 - 10660
1/2 - 3075	1-1/2 - 7700	1/4 - 10841
1 - 3350	1-1/4 - 7830	1/4 - 10900
1 - 3540	3/4 - 7960	1/4 - 10952
1-1/4 - 3670	1 - 8075	3/4 - 11020
1-1/4 - 3860	1-1/2 - 8134	3/4 - 11166
1-1/4 - 3998	1-1/2 - 8218	1/4 - 11290
3/4 - 4080	1-1/2 - 8320	1/4 - 11356
1 - 4130	2-1/4 - 8497	3/4 - 11412
3/4 - 4280	2-1/4 - 8570	3/4 - 11465
3/4 - 4440	2-1/2 - 8633	3/4 - 11540
3/4 - 4585	2-1/4 - 8712	1/2 - 11602
1 - 4670	1-1/2 - 9030	3/4 - 11650
1/4 - 5022	1-1/2 - 9085	1/2 - 11715
1 - 5250	1-1/4 - 9092	1/2 - 11800
1/4 - 5489	1-1/4 - 9162	3/4 - 11960
1/2 - 5650	1-1/2 - 9220	1/2 - 12024
1/4 - 5830	1-1/2 - 9285	3/4 - 12055
3/4 - 5920	1-1/4 - 9402	3/4 - 12120
3/4 - 6003	1-1/4 - 9500	1 - 12180
1 - 6100	3/4 - 9565	1-1/4 - 12235
1/2 - 6202	1 - 9610	1-3/4 - 12275
		1-3/4 - 13225
		1-1/4 - 12370
		1-1/2 - 12395
		2-1/2 - 12540
		2-1/2 - 12640
		3 - 12745
		2-3/4 - 12890
		1-1/2 - 12963
		1-1/4 - 13100
		1/2 - 13225

DRILL STEM TEST

- No. 1 2-1/2 Hour Johnston Drill Stem Test from 9700-9825' with 5/8" choke at 9680'. Packers at 9700-9695'. Bombs at 9824-9823'. Tool opened 2:20PM 5-11-56. Gas to surface 14 minutes. Recovered 1200' fluid, 800' gas and oil cut mud, 1000' clean oil.
- No. 2 3-3/4 Hour Johnston Drill Stem Test from 9825-9950' with 5/8" choke at 9812'. Packers at 9819-9825'. Bombs at 9948-9949'. Tool opened 7:12AM 5-13-56. Gas to surface 12 minutes, oil to surface 1 hour 40 minutes. Flowed 50 bbls oil 2 hours. Recovered 550' clean oil and 150' sulphur water. HP 4955#. FP 750-1225#. 15 Minute BHP 3000#.
- No. 3 Misrun
- No. 4 1 Hour Johnston Drill Stem Test from 13320-13445' with 5/8" choke at 13291'. Packers at 13314-13445'. Bombs at 13442-13444'. Tool opened 6:30AM 7-20-56. Weak blow air 6 minutes and died. Recovered 3000' WB and 30' drilling mud, no shows. HP 7220#. FP 1490#. 15 Minute BHP 1635#.
- No. 5 1 Hour Johnston Drill Stem Test from 13444-13460 with 5/8" choke at 13423'. Packers at 13438-13444'. Bombs at 1345-13459'. Tool opened 8:45PM 7-21-56. Weak blow of air 45 minutes and died. Recovered 2500' WB and 225' slightly salty and gas cut drilling mud, shows. HP 7200#. FP 1115#. 15 minute BHP 2060#
- No. 6 1/2 Hour Johnston Drill Stem Test from 13459-13485' with 5/8" choke at 13438'. Packers at 13453-13459. Bombs at 13483-13484'. Tool opened 12:30AM 7-23-56. Weak blow air 30 minutes and packers gave away. Recovered 2500' WB and 130' slightly gas cut mud, no shows. HP 7270#. FP 1155#. No BHP.
- No. 7 3 Hour Johnston Drill Stem Test from 13435-13500' with 5/8" choke at 13411'. Packers at 13429-13435'. Bombs at 13498-13499'. Tool opened 4:50AM 7-24-56. Fair blow air throughout test. Recovered 2995' fluid, 2500' WB, 45' salt water and slightly gas cut mud and 450' SW, ~~xxx~~ no show oil. Hr 7315#. FP 1135-1200#. 15 Minute BHP 4084#.

