

DEVIATION - TOTCO SURVEY

1/4 - 300'	1 - 7030	3/4 - 10261
1/4 - 620'	1-1/2 - 7131	1-1/4 - 10410
1/4 - 925'	1-3/4 - 7337	3/4 - 10530
1/4 - 1300'	1-3/4 - 7470	1-1/4 - 10643
1/4 - 1905'	1-3/4 - 7810	1-1/2 - 10695
1/2 - 2735'	2 - 7955	1 - 10800
1 - 3255'	1-3/4 - 8035	1-1/4 - 10870
3/4 - 3385	2 - 8140	1-1/4 - 10940
1 - 3501	1-3/4 - 8265	1-3/4 - 11005
1 - 3595	2-1/4 - 8470	1-1/2 - 11083
1-1/4 - 3865	3-3/4 - 8645	1-1/2 - 11128
1-1/2 - 4022	4-1/4 - 8710	3/4 - 11195
1-1/4 - 4324	3-1/2 - 8740	3/4 - 11271
1-1/4 - 4805	3-1/2 - 8785	3/4 - 11325
1-1/4 - 5205	3-3/4 - 8829	1/4 - 11395
1-1/4 - 5470	3-1/4 - 8985	1 - 11542
2 - 5585	2-1/2 - 9045	3/4 - 11630
2 - 5666	2-1/2 - 9118	1-1/4 - 11750
2 - 5726	2-1/4 - 9220	1-1/2 - 11835
2-1/2 - 5788	2-1/2 - 9315	1-1/4 - 11910
1-3/4 - 5836	2-1/4 - 9415	1-1/2 - 12000
1-3/4 - 5876	2 - 9528	1-1/4 - 12122
1-3/4 - 5960	2 - 9604	1-1/4 - 12295
1 - 6100	1-3/4 - 9725	1-3/4 - 12365
2 - 6370	1-1/2 - 9830	2 - 12410
1-3/4 - 6490	1-1/4 - 9930	1-1/4 - 12510
1-1/2 - 6640	1-1/4 - 9994	1-3/4 - 12550
1-1/2 - 6760	2 - 10106	1-1/2 - 12700
1-1/2 - 6910		

DRILLSTEM TEST

- No. 1 Halliburton Drill Stem Test from 9833-9708' with 5/8" choke at 9690'. Bombs at 9825-9828'. Packers at 9703-9708'. Tool opened 9:42AM 11-7-56. Gas to surface 6 minutes. Mud in 33 minutes, oil in 33 minutes. Flowed 75 bbls 41 gravity clean oil 2 hours. HP 4830#. FP 615-1375#. 15 Minute BHP 3534#.
- No. 2 1 Hour Halliburton Drill Stem Test from 9833-9933' with 5/8" choke at 9808'. Bombs at 9925-9928'. Packers at 9828-9833'. Tool opened 2:PM 11-8-56. Strong blow of air decreasing at end of test. No fluid to surface. Recovered 8400' fluid, 360' gas cut drilling mud and 8040' sulphur water, no show oil. HP 4900-4870#. FP 3475-3664#. 15 Minute BHP 3665#.
- No. 3 2 Hour Halliburton Drill Stem Test from 11203-11276' with 5/8" choke at 11186'. Bombs at 11272-11267'. Packers at 11203-11199'. Tool opened 12:15AM 11-25-56. Fair blow of air throughout test. Recovered 90' slightly gas cut drilling mud, no shows. HP 5805-5705#. FP 110#. 15 minute BHP 220#.
- No. 4 5 Hour 15 Minute Halliburton Drill Stem Test from 13-360-13380' with 5/8" choke at 13334'. Bombs at 13375-1339'. Packers at 13354-13360'. Tool opened 6:35PM 11-30-56. Gas to surface 50 minutes. Flowed 287 bbls oil(57 gr) 4 hours. HP 7095#. FP 1730-4075#. 30 minute BHP no good.