

DEVIATION - TOTCO SURVEY

3/4 - 703'	1-3/4 - 7105'	3 - 9865'
1-1/2 - 1200'	1-3/4 - 7200'	3-1/4 - 9605
1-3/4 - 1795	1-3/4 - 7287	3-1/2 - 9675
1 - 3465	1-1/4 - 7300	3-1/2 - 9720
3/4 - 3720	1-1/4 - 7430	3-3/4 - 9815
1-1/4 - 3990	1-1/2 - 7500	4 - 9925
1-3/4 - 4140	1-1/2 - 7620	4-1/4 - 10065
1/4 - 4500	1-1/2 - 7700	4 - 10140
3/4 - 4567	1-3/4 - 7790	4-1/2 - 10250
3/4 - 4910	1-1/4 - 7860	4-1/2 - 10320
3/4 - 5100	1-1/2 - 8000	4-1/4 - 10350
3/4 - 5230	1-1/2 - 8120	3-3/4 - 10405
3/4 - 5450	1-1/4 - 8320	4-1/4 - 10520
1 - 5650	1-1/2 - 8490	4 - 10590
1 - 5835	1-1/2 - 8590	5-1/2 - 10905
1 - 6400	1-3/4 - 8695	6 - 11055
1-1/2 - 6450	2 - 8800	6 - 11200
1-1/4 - 6590	2 - 8910	6 - 11220
1-1/4 - 6650	2-1/2 - 9045	6 - 11265
1-1/2 - 6750	2-3/4 - 9210	5-3/4 - 11320
1-1/2 - 6800	3 - 9340	4-3/4 - 11540
1-1/2 - 6875	3 - 9430	5-1/2 - 11645
1-3/4 - 6970	3 - 9510	
2 - 7040		

DRILLSTEM TEST

- No. 1 1-1/2 Hour Halliburton Drill Stem Test from 10695-10779' with 1" choke at 10762'. Packers at 10689-10695'. Bombs at 10770-10775'. Tool opened at 1:50AM 3-21-57. Fair blow of air throughout test, no gas or fluid to surface. Recovered 150' slightly gas cut drilling mud, no oil or water. HP 5055#. FP 100#. 30 Minute BHP 275#.
- No. 2 3-1/2 Hour Halliburton Drill Stem Test from 11593-11653' with 5/8" choke at 11570'. Packers at 11588-11593'. Bombs at 11645-11647'. Tool opened 7:45AM 4-4-57. Gas to surface 4 minutes, mud in 20 minutes, oil in 30 minutes. Flowed 92 1/2 bbls oil 3 hours. Recovered 140' clean oil, no water. HP 5520#. FP 705-1455#. 30 Minute BHP 2745#.