

DEVIATION - TOTAL SURVEY

3/4 - 150'	1 - 4810'	1 - 7200
3/4 - 310'	3/4 - 4890'	1 - 7260
3/4 - 480	3/4 - 4940	1 - 7380
3/4 - 808	3/4 - 5083	3/4 - 7380
1/2 - 991	1 - 5250	3/4 - 7460
1/4 - 1690	3/4 - 5415	3/4 - 7535
1 - 1995	3/4 - 5540	3/4 - 7680
1-3/4 - 2149	3/4 - 5690	1-1/2 - 7760
2 - 2210	1/4 - 5750	1-1/2 - 7828
2-1/4 - 2400	3/4 - 5880	1-1/2 - 7930
1-1/4 - 2580	1/2 - 6006	1-3/4 - 7990
1-1/2 - 2650	1/2 - 6130	1-3/4 - 8020
2 - 2730	3/4 - 6267	1-1/2 - 8070
1-1/4 - 2828	3/4 - 6384	2-1/4 - 8225
1 - 2878	1/2 - 6510	4-1/4 - 8250
1-1/4 - 3039	1/4 - 6565	4-3/4 - 8290
1-1/4 - 3155	3/4 - 6625	5 - 8312
1 - 3330	3/4 - 6790	5 - 8345
1-1/2 - 3583	3/4 - 6745	4-1/2 - 8355
3/4 - 3736	1/2 - 6805	5 - 8390
1-1/2 - 3815	3/4 - 6890	4-1/4 - 8420
1-1/4 - 3970	3/4 - 6930	4-1/4 - 8460
1-1/4 - 4100	3/4 - 6965	4-3/4 - 8575
1 - 4415	1/4 - 7015	5 - 8595
1-1/4 - 4510	1/2 - 7080	4-1/2 - 8750
1-1/4 - 4695	3/4 - 7150	

DRILL STEAM TEST

- 1 Hour Johnston Drill Stem Test from 7940-8010' with 5/8" choke at 7910'. Packers at 7934-7940'. Bombs at 8006-8008'. Tool opened 4:33AM 12-4-56. Weak blow air throughout test. Recovered 210' drilling mud with trace oil, no show gas or water. HP 4005#. FP 0-145#. 15 minute BHP 3520#.
- 2-1/2 Hour Johnston Drill Stem Test from 8630-8700' with 5/8" choke at 8611'. Packers at 8624-8630'. Bombs at 8696-8698'. Tool opened at 2:02PM 12-13-56. Gas to surface 5 minutes, 1,820,000 CF. Mud in 60 minutes, no oil. Recovered 555' fluid, 25' distillate, 530' gas out slightly salty water. HP 4200#. FP 695-940#. 30 minute BHP 3330#.
- 3 Hour Johnston Drill Stem Test from 8705-8750' with 5/8" choke at 8683'. Packers at 8699-8705'. Bombs at 8746-8748'. Tool opened 10:38AM 12-14-56. Gas to surface 4 minutes, 438,000 CF. No fluid to surface. Recovered 185' gas out drilling mud, no show oil or water. HP 4255#. FP 195#. 30 minute BHP 3110#.
- 2 Hour Johnston Drill Stem Test from 8755-8797' with 5/8" choke at 8735'. Packers at 8749-8755'. Bombs at 8793-8795'. Tool opened 10:45AM 12-16-56. Gas to surface 4 minutes, 2,330,000 CF. No fluid to surface. Recovered 270' fluid, 75' gas out drilling mud, 165' distillate, and 30' water slightly salty. HP 4285#. FP 500-660#. 30 minute BHP 3310#.