

DEVIATION - TOTCO SURVEY

1 - 132'	2-1/8 - 5320	1-1/4 - 8160
1 - 300'	2 - 5546	1-1/2 - 8209
1/2 - 600'	2-1/4 - 5630	1-3/4 - 8300
1/2 - 1200'	2-1/4 - 5750	1/4 - 8520
3/4 - 2075'	2 - 6095	1 - 8595
1-3/4 - 2610	2 - 6190	1-1/2 - 8600
1-1/2 - 2954	1-3/4 - 6280	1-3/4 - 8770
1-1/4 - 3109	1-1/2 - 6379	2 - 8830
3/4 - 3265	1-1/2 - 6533	2 - 8860
3/4 - 3383	1-1/2 - 6744	2 - 8902
1 - 3585	1-3/4 - 7024	2 - 9050
1-1/4 - 3615	1-1/4 - 7209	2 - 9210
1-1/4 - 3675	1-1/4 - 7324	1-3/4 - 9295
1-1/4 - 4040	1 - 7400	1-1/4 - 9350
1-1/2 - 4260	1-1/4 - 7500	3/4 - 9430
1-3/4 - 4450	3/4 - 7624	2 - 9620
1-3/4 - 4820	3/4 - 7758	2 - 9660
2-1/2 - 4865	1-1/4 - 7830	1-1/2 - 9730
2-1/2 - 5080	1 - 7940	1-1/4 - 9844
2-1/4 - 5200	1 - 7990	

DRILL STEM TEST

No. 1 - Misrun

No. 2 - 1 Hour Cook Drill Stem Test from 5175-5231' with 5/8" choke at 5156'. Packers at 5169-5175'. Bombs at 5224-5229'. Tool opened 10:40AM 11-4-56. Weak blow air throughout test. Recovered 1260' fluid, 180' drilling mud, 1080' sulphur gas cut mud, no show oil or water. HP 2480#. FP 80-460#. 15 minute BHP 640#.

No. 3 - 1 1/2 Hour Cook Drill Stem Test from 5510-5564' with 5/8" choke at 5495'. Packers at 5505-5510'. Bombs at 5559-5562'. Tool opened 2:45AM 11-6-56. Weak blow of air throughout test. Recovered 320' drilling mud with slight stain oil. HP 2600#. FP 100-160#. 15 minute BHP 540#.

No. 4 - 1 Hour Cook Drill Stem Test from 5885-5920' with 5/8" choke at 5870'. Packers at 5880-5885'. Bombs at 5915-5918'. No fluid to surface. Recovered 30' slightly gas cut drilling mud. No shows. HP 2900#. FP 40#. 15 minute BHP 100#.

No. 5 - 1 hour Cook Drill Stem Test from 6535-6569' with 5/8" choke at 6517'. Packers at 6530-6535'. Bombs at 6563-6568'. Tool opened 7:40AM 11-13-56. Gas to surface 18 minutes, 27,000 cu ft. No fluid to surface. Recovered 520' oil and gas cut mud. HP 3260#. FP 100-170#. 15 minute BHP 1120#.

No. 6 - 1 1/2 hour Cook Drill Stem Test from 6559-6600' with 5/8" choke at 6540'. Packers at 6553-6559'. Bombs at 6593-6598'. Tool opened 4:45AM 11-14-56. Gas to surface 16 minutes, 48,000 cu ft. No fluid to surface. Recovered 700' fluid, 520' oil and gas cut mud, cut 50% oil and 180' gr clean oil. HP 3220#. FP 80-210#. 15 minute BHP 1720#.

No. 7 - 1 hour Cook Drill Stem Test from 6605-6663' with 5/8" choke at 6590'. Packers at 6599-6605'. Bombs at 6657-6662'. Tool opened 5:45AM 11-15-56. Weak blow air, dead 45 minutes. Recovered 45' drilling mud, no shows. HP 3180#. FP 50-70#. 15 Minute BHP 110.

No. 8 - 1 hour Cook Drill Stem Test from 6675-6670' with 5/8" choke at 6661'. Packers at 6670-6675'. Bombs at 6764-6768'. Tool opened 9:40AM 11-16-56. Fair blow of air throughout test. No fluid to surface. Recovered 480' drilling mud, with trace oil. HP 3260#. FP 150-260#. 1 1/2 minute BHP 1480#.

