

Attachment - C-105

Gulf Oil Corporation - Graham State "F" No. 6-P, 36-19-36

DEVIATIONS - TOTCO SURVEYS

1/2 - 125'	3/4 - 2725	2-3/4 - 4260
3/4 - 265	1-1/4 - 2830	1-1/2 - 4280
1 - 550	1/2 - 2975	1-1/2 - 4407
1/2 - 751	3/4 - 3075	1-1/2 - 4466
3/4 - 927	3/4 - 3175	2 - 4530
3/4 - 1150	1 - 3280	1 - 4586
3/4 - 1500	3/4 - 3380	1 - 4640
2 - 1680	1-1/2 - 3625	1-1/2 - 4720
3/4 - 1740	3/4 - 3750	3/4 - 4764
1/4 - 1850	1-3/4 - 3800	3/4 - 5003
3/4 - 2040	2-3/4 - 4045	1 - 5170
3/4 - 2150	2-3/4 - 4060	1-3/4 - 5269
1 - 2250	3 - 4145	1-1/2 - 5324
1/2 - 2500	2 - 4180	1-1/2 - 5410
1/4 - 2545	2 - 4220	2-3/4 - 5620
3/4 - 2650		

DRILL STEM TESTS

No. 1, 1-22-55 - 1 hour Johnston drill stem test from 5180-5270' - 1" surface choke, 5/8" choke at 5167' - Packers at 5174' & 5180' - Bombs at 5267' & 5269' - Jars at 5155' - Tool opened 5:50PM - Weak blow air 5 minutes, dead 55 minutes - Recovered 32' drilling mud, no shows - HP 2325# - FP 0# - 15 minute BHP 775#.

No. 2, 1-25-55 - 1 hour Johnston drill stem test from 5600-5625' - 5/8" surface choke, 5/8" choke at 5574' - Packers at 5593' & 5600' - Bombs at 5623' & 5624' - Jars at 5586' - Tool opened 5:55AM - Weak blow air 45 minutes, dead 15 minutes - Recovered 30' slightly gas cut drilling mud, no show oil or water - HP 2650# - FP 0# - 15 minute BHP 0#.

No. 3, 1-26-55 - 1 hour Johnston drill stem test from 5625-5650' - 5/8" surface choke, 5/8" choke at 5576' - Packers at 5618' & 5625' - Bombs at 5648' & 5649' - Jars at 5587' - Tool opened 8:45AM - Weak blow air 30 minutes, dead 30 minutes - Recovered 33' slightly gas cut drilling mud, no show oil or water - HP 2650# - FP 0# - 15 minute BHP 550#.

No. 4, 1-27-55 - 2 hour Johnston drill stem test from 5650-5725' - 5/8" surface choke, 5/8" choke at 5643' - Packers at 5643' & 5650' - Bombs at 5723' & 5725' - Jars at 5634' - Tool opened 1:35PM - Gas to surface in 25 minutes, 24 hour rate 3,200 cu ft thruout test - No fluid to surface - Recovered 380' clean oil and 250' oil & gas cut mud, cut 10% oil, no water - HP 2675# - FP 25-100# - 15 minute BHP 1575#.