

Attachment - C-105

Gulf Oil Corporation - W. F. Cone 2-0, 12-17-38

DEVIATIONS - TOTCO SURVEYS

1/4 - 105'	1/4 - 6750	5 - 10,547
1/2 - 210	0 - 7100	4-3/4 - 10,563
1/4 - 675	1/4 - 7350	4-3/4 - 10,578
0 - 1005	3/4 - 7500	4-3/4 - 10,590
1/4 - 1315	1/2 - 7560	4-1/4 - 10,608
1/2 - 1700	1/2 - 7720	4-1/2 - 10,627
1/4 - 1900	3/4 - 7900	4 - 10,636
1/4 - 2275	1 - 8060	4-1/2 - 10,684
1 - 2600	3/4 - 8200	4 - 10,717
1/2 - 2700	1 - 8360	4-1/2 - 10,746
1/2 - 2900	1-1/4 - 8470	3-3/4 - 10,777
3/4 - 3100	1-1/4 - 8500	3-1/2 - 10,795
1 - 3330	1-1/4 - 8565	3-1/2 - 10,825
3/4 - 3510	1 - 8645	3-3/4 - 10,875
1/2 - 3675	1 - 8925	3 - 10995
1/2 - 3860	1-1/4 - 9060	3 - 11,085
1 - 4120	1-1/4 - 9200	2-1/2 - 11,130
3/4 - 4330	1 - 9265	2-1/2 - 11,180
1-1/4 - 4425	1 - 9340	2-1/2 - 11,228
1 - 4575	1 - 9500	4-1/4 - 11,355
1 - 4695	1 - 9640	4-1/4 - 11,390
3/4 - 5000	1/2 - 9875	6 - 11,415
1/4 - 5110	2 - 9945	5-1/4 - 11,488
1 - 5370	2-1/2 - 9975	5-1/2 - 11,555
1/2 - 5425	2-1/2 - 10,025	4-1/2 - 11,595 (Eastman
1/2 - 5520	3 - 10,085	3-1/2 - 11,670 Directional)
1/2 - 5630	3 - 10,150	2-3/4 - 11,700 "
1/2 - 5810	3 - 10,200	3 - 11,820 "
1/4 - 5940	3 - 10,275	3-1/4 - 11,845 "
1/4 - 6070	3 - 10,340	3-3/4 - 11,890 (Totco)
1/4 - 6445	3-o/4 - 10,435	3-1/4 - 11,932 "
1/2 - 6500	3-1/2 - 10,500	3 - 11,419 "
1/2 - 6610	5 - 10,530	2-1/4 - 12,060 "

DRILL STEM TESTS

No. 1, 1-29-55 - 2 hour Howco DST from 10,011-10,107' - 1" surface choke, 1" choke at 9985' - Packers at 10,003' & 10,011' - Bombs at 10,103' & 9987' - Jars at 9991' - Tool opened 1:05AM - Good blow air, decreasing thruout test - Recovered 9000' salty sulphur water, no show oil or gas - HP 4335# - FP 170-3635# - 15 minute BHP 4008#.

No. 2, 3-19-55 - 2 hour Johnston DST from 12,155-12,213' - 1" surface choke, 5/8" choke at 12,104' - Packers at 12,132' & 12,155' - Bombs at 12,143' & 12,141' - Tool opened 10:AM - No gas or fluid to surface - Recovered 180' drilling mud, no show - Medium blow air thruout test - HP 5575# - FP 0# - 15 minute BHP 150#.

No. 3, 3-20-55 - 2 hour Johnston DST from 12,209-12,233' - 1" surface choke, 5/8" choke at 12,182' - Packers at 12,202' & 12,209' - Bombs at 12,228' & 12,230' - Tool opened 10:40AM - Very small gas to surface in 50 minutes TSTM - No fluid to surface - Recovered 420' fluid, 170' drilling mud, 250' oil and gas cut mud, 85% oil, no water - HP 5575# - FP 0-250# - 15 minute BHP 4125#.

No. 4, 3-22-55 - Misrun.

No. 5, 3-22-55 - 2 hour Johnston DST from 12,224-12,261' - 1" surface choke, 5/8" choke at 12,201' - Packers at 12,219' and 12,224' - Bombs at 12,256' & 12,258' - Tool opened 4:55AM - Gas to surface in 30 minutes TSTM - No fluid to surface - Recovered 900' fluid, 160' drilling mud and 740' clean oil, no water - HP 5600# - FP 0-350# - 15 minute BHP 4200#.