

Attachment - C-105

Gulf Oil Corporation - Lea State "CH" No. 2-W, 2-16-32

DEVIATIONS - TOPCO SURVEYS

0 - 520'	1/2 - 7378	3/4 - 10,646
1-1/2 - 2287	1-1/2 - 7517	1 - 10,704
1-1/4 - 2646	1 - 7701	3/4 - 10,777
1/4 - 3066	1-1/2 - 7857	1 - 10,849
1 - 3278	1-1/2 - 8007	3/4 - 10,923
1-3/4 - 3418	1-1/2 - 8100	3/4 - 10,980
2 - 3627	3/4 - 8203	3/4 - 11,056
1-3/4 - 3815	3-1/4 - 8453	1-1/4 - 11,132
1-1/2 - 4100	3 - 8573	1 - 11,251
1-3/4 - 4132	3 - 8616	3/4 - 11,303
3/4 - 4349	3-1/4 - 8657	1 - 11,357
1 - 4472	3 - 8720	1 - 11,400
1 - 4568	3-1/4 - 8843	3/4 - 11,466
1-1/2 - 4715	3 - 8974	1 - 11,528
1-1/2 - 4908	3 - 9153	1 - 11,665
1-1/2 - 4283	2-3/4 - 9148	1 - 11,732
2 - 5550	2-1/4 - 9267	1 - 11,932
1-1/4 - 5671	1-3/4 - 9403	3/4 - 11,983
2 - 5777	1-3/4 - 9483	1/2 - 12,011
2 - 5850	1-3/4 - 9523	3/4 - 12,069
2 - 5932	1-3/4 - 9573	1 - 12,241
1-1/2 - 6028	1-3/4 - 9620	3/4 - 12,263
1-1/2 - 6108	3/4 - 9694	1/2 - 12,301
1-1/2 - 6202	1 - 9850	1/2 - 12,384
1-3/4 - 6331	1/4 - 9900	3/4 - 12,452
1-1/4 - 6457	1 - 10,023	1 - 12,528
1-1/4 - 6603	3/4 - 10,125	1 - 12,605
1 - 6793	0 - 10,230	1 - 12,659
1 - 6855	1/4 - 10,325	1/2 - 12,778
1 - 7005	1/4 - 10,432	1-3/4 - 13,183
1 - 7125	3/4 - 10,531	
1 - 7240	3/4 - 10,596	

DRILL STEM TESTS

No. 1, 1-9-55 - 3 Hour Howco DST from 9660-9760' - 1" surface choke, 1" choke at 9625' - Packers at 9652' and 9660' - Bombs at 9756' and 9630' - Jars at 9649' - Tool opened 5:05AM - Gas to surface in 16 minutes, too small to measure thruout test - Recovered 450' oil and gas cut mud, cut 30% oil, no water - HP 4390# - FP 85-195# - 15 minute BHP 910'.

No. 2, 1-10-55 - 5 Hour and 45 minute Howco DST from 9760-9850' - 1" surface choke, 1" choke at 9735' - Packers at 9752' and 9760' - Bombs at 9741' and 9848' - Jars at 9746' - Tool opened 11:55AM - Gas to surface in 5 minutes, 24 hour rate 201,800 cu ft thruout test - Mud in 1 hour 33 minutes, oil in 1 hour 45 minutes - Flowed 68 bbls 41 gr oil, no water in 4 hours - HP 4575# - FP 165-615# - 15 minute BHP 2765#.

No. 3, 1-11-55 - 1 Hour Howco DST from 9850-9900' - 1" surface choke, 1" choke at 9827' - Packers at 9842' and 9850' - Bombs at 9831' and 9897' - Jars at 9837' - Tool opened 3:15PM - Medium to weak blow air thruout test - Recovered 7600' fluid, 150' oil and gas cut mud cut 5% oil, 7450' sulphur water - HP 4595# - FP 1400-3350# - 15 minute BHP 3350#.