

Attachment - C-105

Gulf Oil Corporation - Higgins No. 2-I, Sec. 29-22-38, Lea County, N. M.

DEVIATIONS - TOTCO SURVEYS

1/4 - 50'	1 - 3315'	1-1/2 - 5445
1/4 - 306'	1-3/4 - 3495	3/4 - 5546
1/4 - 890	1-3/4 - 3580	1-1/4 - 5750
1/2 - 1230	2 - 3680	1 - 5900
1-1/2 - 1360	1-1/2 - 3780	1-1/4 - 5965
1/4 - 1550	1-1/4 - 3920	1-1/4 - 6070
3/4 - 1850	1-1/2 - 4324	1-1/4 - 6220
1/2 - 2052	1-1/2 - 4470	1 - 6410
3/4 - 2458	1-1/2 - 4626	1 - 6500
1/2 - 2600	1-1/4 - 4813	1-1/4 - 6580
1/2 - 2790	1-1/4 - 4963	3/4 - 6660
1/2 - 2908	1-1/4 - 5115	1 - 6740
1/2 - 3100	1 - 5360	1 - 6997

DRILL STEM TESTS

No. 1, 2 hour, 5225-5300' (Glorieta) thru 4 1/2" DP, 5/8" bottom choke, 1/2" surface choke. Gas to surface 5 min, TSTM. No fluid to surf. Rec. 4280' clean oil, no water. BHP 2875#. 30 min IBHP 1625#. IFP 525#. FFP 1475#. 30 min FBHP 1625#. Temp 106 deg @ 5296'.

No. 2, 2 hour, 6250-6321' (Tubb) thru 3 1/2" DP, 5/8" bottom choke at 6230', 1" surface choke. Tool opened & gas to surface 3 min at 24 hr rate of 144,000 cf. Rec 640' gas cut DM. HP 3320#. 30 min IBHP 2400#. IFP 200#. FFP 290#. 30 min FBHP 2400#. Temp 110 deg at 6316'.

No. 3, 1 hr, 6650-6750' (Drinkard) thru 3 1/2" DP, 5/8" bottom choke, 1" surface choke. Tool opened with weak blow air for 25 min & dead 35 min. Rec 400' of water cut DM, no show oil or gas. HP 3490#. 30 min IBHP 290#. IFP 150#. FFP 210#. 30 min FBHP 420#. Temp 138 deg @ 6745'.

