

ATTACHMENT: G. F. Wright #1

TOTCO DEVIATION SURVEY

<u>Depth</u>	<u>Degrees off Vertical</u>
700	3/4
820	1/2
1069	3/4
1173	1
1880	1
2097	3/4
2970	1 3/4
4015	1

CORE RECORD

- 1 Recovered 54'. 900-951, Dolomite & anhydrite, shale and sand, no shows. 951-954, sand, good odor, stain and fluorescence.
- 2 Recovered 55'. 954-992, Dolomite, red to gray sand, no show. 992-1003, gray sand fair stain, good odor, tight. 1002-1009, Dolomite and anhydrite, no show.
- 3 Recovered 36' sand, shale and dolomite. 1009-1018, dolomite, no show. 1018-1019, dolomite, 5% porosity w/fair stain, good fluorescence. 1019-1021, dolomite, no show. 1021-1024, sand, tight w/good stain and fluorescence. 1024-1030, dolomite, no show. 1030-1032, sand, porosity, stain and fluorescence. 1032-1041, sand, shale and dolomite, no show. 1041-1045, dolomite, light fracture w/good stain & fluorescence. 1045-1047, lost.
- 4 1047-1066 Recovered 19' dolomite. 1047-1050, frac. dolomite, stain and odor. 1050-1066, dense dolomite, no show. Reamed 7 13/16" from 1047-1066. Drilled 1066-1069. Ran Magnetic Basket. Recovered several pieces of junk. Reamed 1030-1047 from 7 13/16" to 12 1/2" hole. Fished & recovered 16 - 5 1/2" DC & 12 1/2" bit @ 1042' in 7 hrs.
- 5 1069-1066 Recovered 35' dense gray to tan dolomite, no shows. Core Barrel jammed.
- 6 1104-1129 Recovered 25' dense dolomite, no shows. Reamed 7 13/16" 1069-1092.
- 7 3407-3457 Recovered 50' dolomite w/scattered porosity and tight vertical fractures throughout w/stain and fluorescence, bleeding salt water and oil, throughout.

DRILL STEM TESTS

- 1 (Yeso) 3262-3332 Open 1 hour 45 minutes. 5/8" x 1" choke. No water cushion. Nothing to surface. Recovered 120' of drilling mud, no show. SFP 0#, BHFP 105#, 30 minutes SIP 130#, HH 1610-1585#.
- 2 (Yeso) 3355-3407 Open 2 hours. 5/8" x 1" choke. No water cushion. Nothing to surface. Recovered 70' of oil cut mud. SFP 0#, BHFP 70-70#, 30 minutes SIP 120#, HH 1645# in and out.
- 3 (Yeso) 3624-3684 Open 2 hours. 5/8" x 1" choke. No water cushion. No water cushion. Nothing to surface. Recovered 120' slightly oil and gas cut drilling mud, no water. SFP 0#, BHFP 65-95#, 30 minutes SIP 305#, HH 1870-1870#.

ACIDIZING RECORD

- 1/6/57 Cardinal Chemical acidized perforations 2994-3014, 3022-3064 w/1000 gals. X1st acid. 1400-1000#, .3 BPM, 5 minutes SIP 1200#. Swabbed 17 BLO in 2 hrs. Swabbed 18 BNO + 24 BAW + 22 BSW in 28 hrs.
- 1/10/57 Cardinal Chemical acidized perforations 2847-2886 w/1000 gals X1ST acid. TP 1500-900#, CP Pkr., 1/2 BPM, 5 minutes SIP 500#. Swabbed 26 BLO (all) in 3 hrs. Swabbed 10 BNO + 24 BAW in 13 hrs.
- 1/13/57 Cardinal Chemical reacidized perforations 2847-2886 w/5000 gals. X1ST acid + 500 jel block ahead of acid. TP 2000-2100#. Swabbed 13 BLO (all) in 1 hr. Swabbed 12 BNO + 132 BAW + 175 BSW in 35 hrs.