

AMERICAN TRADING AND PRODUCTION CORPORATION

PETROLEUM LIFE BLDG.

P. O. DRAWER 992

MIDLAND, TEXAS

SE LEA UNIT #2
Lea County, New Mexico

Summary of Drillstem Tests

- 5-30-68: DST #1: 10,800'-10,835' (Bone Spring) 10 min. pre-flow. Tool open 2 hours, CTS-45 min., TSTM. 60 Min. ISIP-4111#, IFP-173#, FFP-380#. 120 Min. FSIP-4060#. IHP & FHP-5381#. BHT-152°. Rec. 250' C&GCM, 720' salty sulphur wtr.
- 6- 2-68: DST #2: 10,950'-10,967'. Tool closed 60 min. for ISIP. Opened 2 hrs. for flo test - closed in 120 min for final press. CTS-20 min., TSTM. Rec. 500' Sl. CCM & 9100' salty sulphur wtr. 60 Min. ISIP-4618#, 120 Min. FP-2140-4618#, 120 Min. FSIP-4618#, BHT-151°, HF-6004#.
- 6-11-68: DST #3: 11,348'-11,472' (131') 10 Min. pre flo, CTS-10 min. Closed tool in 60 min for ISI. Tstd 5 hrs - SI 4 hrs for FSIP. Fluid to surf. in 1 hr. & 45 min. thru 1/2" ck. Surf. Press-2000#. Rec. 20.5 BO, R/C 9.3 BO. Tot. rec. - 30.1 bbls. 52.8 Gr. Oil @ 60°. No wtr. in tst tank. Daily average gas volume - 360 MCF. 60 Min ISIP-6791#, IFP-603#, FFP-953#, 4-Hr. FSIP-5336#, IHP-7398#, FHP-7325#, BHT-156°.
- 7-13-68: DST #4: 12,925'-12,938' - Pkr. failed.
- 7-14-68: DST #5: 12,827'-12,938' - Tool op. 2' 25", op w/strong blo, GTS-5" in 10" IFP. 60" ISI. Re-op tool w/strong blo - Mud to Surf in 8" on flo period. Cleaned to pits for 7", then flowed gas to tst tank on 1/4" ck. w/200/1200 psi surf. press. for 60". (Est. rate 1.4 MMCFPD) then flowed mud to pits to clean up for 25" on 1/2" ck. w/1200-1300 psi surf. press. Then reduced ck. to 1/4" & flowed 10.62 BO to tst tank in 45" w/1300-1400 psi. R/C to tst tank - 24.32 BO, no wtr. Pulled tool & rec. 90' oil belo circ. sub. Calc. rate 323.32 EOPD. 60 " ISIP-6897#, IHP & FHP-7296#, FFP-2916#, 120" FSIP-6021#, Gr. 49.4 @ 60°F, IFP-736#, BHT-186°. GCR: (Sampler) 10,000/1.
- 7-18-68: DST #6: 12,954'-13,091' (137'). 10 Min. pre flo - tool op 2 hrs, 60" ISI, 2-Hr. FSI. Op. tool w/fair blo - fair blo throughout. Rec. 2700' drlg. fl., no free oil, gas, or formation wtr. 60" ISIP-6922#, IFP-180#, FFP-1049#, 120" FSIP-7205#, IHP & FHP-7451#.
- 9- 8-68: DST #7: 14,495'-14,627'. 60 Min. ISI, tool op 3 1/2 hrs. Rec. 745' Sl. GC Sulph. Wtr. & 1115' black Sulph. Wtr. (Tot. 7 bbls.) 60" ISIP-6146#, IFP-124#, FFP-1026#, 4-Hr. FSIP-6164#, IHP-6533#, FHP-6514#, BHT-197°.