

**NEARBURG & INGRAM**

**#1 Ohio-State - Lea County, New Mexico**

**DRILL STEM TEST RECORD**

- No. 1 - 3589'-3674', open 45 minutes, had weak blow for 3 minutes & died. By-passed tool after 15 minutes re-opened, had weak blow for 3 minutes & died. Recovered 40' mud with no show. Pressures: hydrostatic (in) & (out) - 2186, 30 minute ISI - 85, I. flow - 70, F. flow - 85, 15 minute FSI - 85, BHT 80°F.
- No. 2 - 7405'-7515' (Abo), 5/8" bottom & 1" top choke, tool open 45 minutes, weak blow, gradually decreasing. Recovered 15' OCM + 1 qt green oil below tool. Pressures: 30 minute ISI 100, IF 50, FF 50, 30 minute FSI 180, hydrostatic 3640, BHT 156°.
- No. 3 - 8162'-8230' - packer failed. Reset packer @ 8125' - packer failed. 8115'-8230', weak blow, gradually decreasing. Tool open 45 minutes, recovered 250' mud. Pressures: 30 minute ISI 1520, IF 140, FF 220, 30 minute FSI 820, hydrostatic (in & out) 4100, BHT 170°.
- No. 4 - 8109'-8432', open 56 minutes, 5/8" top choke, 1" bottom choke. Recovered 5750' mud + 1350' black water (by analysis appeared to be formation water). Pressures: IF 2458, FF 3265, 30 minute SI 3265.
- No. 5 - 8569'-8584', open 1 hr & 45 min., strong blow immediately, tool plugged after 7 min., by-passed tool & reopened after 15 min. Opened with strong blow - continuing thruout remainder of test. Recovered 1980' mud & 5839' sulphur water. Pressures: hydrostatic 3460, IF 1350, FF 3460, 30 min. FSI 3460. 7/8" bottom choke, variable top choke (1/4 to 1/2").
- No. 6 - 9855'-9898', 3/4" bottom choke, 1/4" top choke. Open 45 min., recovered 720' mud & 8140' sulphur water. Pressures: IF 3971, FF 4018, 15 minute FSI 4018, hydrostatic 4018, temp. 142°.
- No. 7 - Straddle packer tests.  
#1 - 4160-4215, open 45 min., very slight blow, I & FFP 23, 1 hr shut-in 1041.  
#2 - 4170-4228, open 30 min., very slight blow, I & FFP 35. No shut-in pressure taken.  
#3 - 4347-4402, open 1 hr, weak blow, IFP 389, FFP 581, 30 minute SI 1433. Recovered (all 3 tests) 570' mud, 633' water, no show of oil or gas.

