

DRILLSTEM TESTS

Nearburg & Ingram - #1 Keating, Lea County, New Mexico

- DST #1 9609-9680, tool open 20 minutes, opened w/weak blow for 5 minutes & died, by-passed tool - no blow. Recovered 90' drilling mud. 30 minute ISIP 3415, FP 95 to 112, 30 minute FSIP 3280, HP (in & out) 4355, BHT 204°.
- DST #2 9717-9762, packers failed - no test.
- DST #3 9925-10,022, tool open 1½ hrs, opened w/weak blow increasing to fair and continuing thruout test. Recovered 90' mud & 4238' gas-cut sulphur water. 30 minute ISIP 3805, FP 445 to 2055, 30 minute FSIP 3380, BHT 130°.
- DST #4 11,095-11,143, tool open 3 hrs & 34 min, gas to surface in 10 min, water in 79 min, oil in 94 min. Fled to tank 30.36 BO first hour, 13.80 BO second hour, gas rate = 1300 MCFPD. Reversed out 23.46 BO & recovered 120' salt water below sub. 40 minute ISIP 3445, FP 940 to 1880, 60 minute FSIP 3400, HP (in & out) 5380, BHT 145°.
- DST #5 11,155-11,196, tool open 1 hour, very weak blow. Recovered 30' drilling mud. IHP 5170, 30 minute ISIP 25, FP 25 to 25, 30 minute FSIP 25, FHP 5150.
- DST #6 11,342-11,442, packer held for 40 minutes then gave away. Recovered mud - very slightly gas-cut (no gauge). 30 minute ISIP 160, FP 115 to 160, no final pressure.
- DST #7 12,140-12,261, tool open 3½ hrs, opened w/weak blow which increased to strong blow, decreased to zero in 3½ hrs. Recovered 1700' W.B., 330' slightly gas-cut mud, & 8280' salt water. IHP 5660, 30 minute ISIP 4545, FP 1580 to 4545, 60 minute FSIP 4565, FHP 5635, BHT 162°.