

## DRILL STEM TESTS

Yates Petroleum Corporation  
Box Canyon "4A" No. 1  
Section 23-T21S-R21E  
Eddy County, New Mexico

DST #1 - 7585-7691' (Atoka). TO 30", SI 90", TO 60", SI 120". OP w/fair blow. Reop w/poor blow. Recovered: 180' DF. Sampler 800 psi .495 cfg, 1700 cc DF. BHT 132 deg. Pressures: HP 3558-3558, IFP 106-132, ISIP 3121, FFP 132-159, FSIP 2777.

DST #2 7875-7973' TO 30", SI 90", TO 90", SI 180". Op w/strong blow, GTS in 35 minutes. Died in 1 hour. 2½# on 3/8" choke. Reop w/strong blow 7# on 3/8" choke, 68 MCF. Recovered: 596' of drilling fluid, 390' salty formation water. Sampler: 350 psi, 1250 cc water, 5.37 cfg. Pressures: HP 3672-3637, IFP 122-262, ISIP 2762, FFP 210-367, FSIP 2745.

DST #3 - 5947-6134 (Straddle) (Test Cisco) TO 30", SI 90", TO 90", SI 180" Op w/weak blow GTS in 10", 53# on 1/4" choke, built to 57#. Then decreased. Reop w/slight blow and died. Recovered: 200' DM, 2000' of formation water. (Total 2200' of fluid. HGC). Sampler: 1850 psi, 3.2 cfg, 1800 cc liquid. Pressures: - HP 2857-2830, IFP 398-819, ISIP 1904, FFP 769-1626, FSIP 1904.

DST #4 6304-6500' (Straddle Test - Canyon) - TO 30" SI 60", TO 30", SI 60". OP w/weak blow. 1# on 1/4" choke. Reop w/slight blow and died. Recovered approx 1000' of fluid. BHT 119. Pressures: HP 2912-2887, IFP 180-371, ISIP 1985, FFP 422-447, FSIP 1959.

DST #5 5849-6045 (Straddle Test Cisco) - TO 15", SI 60", OP 120", SI 180". Op w/slight blow and increased to moderate blow. GTS in 10". 30 psi on 1/4" choke. Increasing. Reop w/moderate blow and increased to strong blow, 312 psi on 1/4" choke = approx 500 MCFPD. Recovered: 480 ' DM. Sampler: 200#, .9 cfg, 440 cc mud. BHT 119. PressuresP HP 2683-2761, IFP 600-612, ISIP 2061, FFP 625-1197, FSIP 1896.