

DRILL STEM TESTS

Yates Petroleum Corporation
State Lease # K-6653
Millman HD State Com No. 2
660' FNL & 1980' FEL
Section 17-19S-28E
Eddy County, New Mexico

DST No. 1 8576-8720' (Wolfcamp) - TO 30", SI 90", OP 90", SI 180". TO w/fair blow, increasing to good blow. Op on 1/4" choke - 30" 8#. GTS in 30". Reop on 1/4" choke, 16#, decreased to 2.75# in 90". Recovered 400' of fluid - 10' oil and condensate, 390' O&GCM. Sampler: No pressures or fluid. BHT 138 deg. Pressures: HP 4303-4175; IFP 151-173; ISIP 1934; FFP 129-194; FSIP 1613.

DST No. 2 9954-10023' (Strawn) - TO 30", SI 90", TO 120", SI 180". OP w/strong blow, increasing, GTS in 22", 1/4" choke 40 psi, built to 105 psi at end of first flow period. Reop GTS 5", 1/4" choke 100 psi, increasing to 120 psi in 15". OP on 3/8" choke and increased to 151 psi in 105" = 464 MCFPD. Recovered: 330' of heavy gas and condensate cut mud. Sampler: 350 psi, 1.112 cfg, 200 cc liquid. BHT 155 deg. Pressures: HP 5006-4943; IFP 108-216, ISIP 5049; FFP 216-302, FSIP 4964.

DST No. 3 10873-990' (Morrow) - Misrun.

DST No. 4 10873-990' (Morrow) - TO 30", SI 90", TO 60", SI 90". OP w/weak blow, 6" water press. on 1/8" choke. Reop w/weak blow, 6" water pressure on 1/8" choke. Recovered 510' DM, 93000 ppm cl. Sampler: 500 psi, 2600 cc DM. No gas or oil Pressures: HP 5819-5795, IFP 473-500; ISIP 4429; FFP 426-426; FSIP 4285.