

DRILL STEM TESTS

Yates Petroleum Corporation
Lechuguilla Canyon Unit No. 4
660' FSL & 1980' FEL of Section 8-24S-24E
Eddy County, New Mexico

DST #1 - 8186-8290' - TO 30", SI 90", TO 60", SI 120". Open w/strong blow. GTS in 25" on 3/8" choke at 10#. Reopened w/decreased blow 8#, 2#, 1# - tool loaded up. Recovered 468' of DF, no water, Sampler: 150#, 1300 cc DF and trace of gas. BHT 140 degrees. Pressures: HP 3776-3776; IFP 108-199; ISIP 3217; FFP 181-253; FSIP 3199.

DST #2 - 9896-10065. TO 30"; SI 90", TO 60", SI 180". To w/fair blow, increased to good blow. Reopened w/strong blow. GTS in 7" on 3/8" choke, 15# = 102 MCF, decreased to 3# = 85 mcf. Stabilized at 2# = 57.8 mcf. Recovered: 218 GCDP. Sampler: 2500 psi, 500 cc fluid, 114.2 cfg. BHT 160 degrees. Pressures: HP 4704-4614; IFP 138-138; ISIP 2302; FFP 138-138; FSIP 3672.

DST #3 10088-10122'. TO 30", SI 90", TO 30", SI 90". TO w/fair blow, increased to good blow. Reopened w/good blow on 3/8" choke. GTS in 12" TSTM. Recovered: 60' slightly GCDM. Sampler: 1700 psi, 150 cc water (salt) 250 cc DM, 9.138 cfg. BHT 163 degrees. Pressures: HP 4660-4660; IFP 36-36; ISIP 3577; FFP 36-36; FSIP 3740.