

DRILL STEM TESTS

Yates Petroleum Corporation
Box Canyon #3 - NM 8417
Section 14-T21S-R21E
Eddy County, NM

DST #1 7966-8044' - TO 20", SI 80", OP 90", SI 210". OP w/very weak blow, increased to strong blow in 4". GTS 15". Flowed 90# on 1/4" choke in 20". Reop w/very weak blow, increased to 4 1/2# on 1/4" choke. Plugged off. Recovered: 560' of salt water, 100' mud. BHT 90 deg. Pressures: HP 3846-3920; IFP 421-500; ISIP 2805; FFP plugged; FSIP 2855.

DST #2 7968-8044' - TO 15", SI 60", OP 50", SI 120". Op w/good blow. GTS 8". 109 MCFPD on 1/4" choke at 70#, 21# on 3/8" choke in 10". Op to 1/2" choke and decreased to 1# = 30 MCFPD. Recovered: - 2300 cc fluid gas cut salt water. Sampler: - 200#, 1.234 cfg. BHT 138 deg. Pressures: HP 3812-3812; IFP 140-227; ISIP 2762; FFP 210-315; FSIP 2745.

DST #3 5960-6140' - (Cisco) - TO 17", SI 60", OP 90", SI 120" (Straddle Test). OP w/strong blow, GTS in 4", mud in 6". Reop GTS 2" - 920# on 1/2" choke = 5.9 MMCFPD, built to 1070# on 1/2" choke = 6.6 MMCFPD. Recovered: - 94' of condensate. Sampler: 1000 cc condensate, gas not recorded. BHT 126 deg. Pressures: - HP 2803-2691; IFP 1748-1848; ISIP 1900; FFP 1701-1828; FSIP 1873.