

DRILL STEM TESTS

YATES PETROLEUM CORPORATION

Lucas Store "JZ" State Com #1 - State Lease No. OG 181

23-17S-28E

Eddy County, New Mexico

DST #1 6735-6830' (Basal Abo): TO 30", SI 90", TO 90", SI 180". Tool open w/fair blow. No GTS. Reopened w/weak blow. GTS 10 minutes. TSTM. Recovered: 1200' sulphur water, 44' of oil. Sampler: 650 cc GCSW. 20 cfg, 1700 psi. BHT: 110 degrees. Pressures: HP 3255-3255; IFP 133-348; ISIP 2155; FFP 426-663; FSIP 2155.

DST #2 10265-10393' (Morrow): TO 30", SI 90", TO 60", SI 180". Tool opened w/weak blow, increased to strong blow, decreased to weak blow. Reopened w/weak blow and remained weak. No GTS. Recovered: 600' mud. Sampler: 190#, 1400 cc mud. BHT: 170 degrees. Pressures: HP 5271-5250; IFP 151-215; ISIP 3695; FFP 280-322; FSIP 3930.

DST #3 8005-8200' (Cisco): (Johnson Teleflow Closed Chamber Test) TO 15", SI 90", TO 45", SI 135". Recovered: 6300' fluid (400' drilling mud and 5900' sulphur water). No gas or oil. Pressures: HP 4026-4000; IFP 648-2536; ISIP 3030; FFP 2562-3030; FSIP 3043.

DST #4 6832-6980': Misrun

DST #5 6838-6980': TO 30", SI 90", TO 60", SI 180". Tool opened w/weak blow, increased to good blow. Reopened - 0#. Recovered: 1381' GCDF and sulphur water. Sampler: 2200 cc sulphur water and trace oil on top. 1000 psi, .345 cfg. Pressures: HP 3461-3461; IFP 194-344; ISIP 2291; FFP 430-667; FSIP 2312.