

DRILL STEM TEST

State Lease #L-4995

Yates Petroleum Corporation

Cities JH State #1 - Sec. 36-21S-21E, Eddy County, New Mexico

DST #1 - 5900-6100' - TO 30", SI 90", OP 60", SI 120". Op w/fair blow, increased to good blow. Reop w/strong blow. GTS in 11", increased to 59# on 1/4" choke in 17" then decreased to 25# at end of test 55 MCF on 1/4" choke. Recovered: 810' GCDF. Sampler: 300 psi .935 cfg, 0 liquid. Pressures: HP 2745-2710, IFP 122-350, ISIP 1573, FFP 262-359, FSIP 1922.

DST #2 6375-6490' - TO 30", SI 90", OP 90", SI 180". TO w/strong blow. Reop, GTS in 10" 3# on 1/4" choke, decreased to 1#. Recovered: 200' O&GCDF. Sampler: 1500 psi, 2.411 cfg; 1700 cc O&GCDF. BHT 115 deg., Pressures: HP 2962-2962, IFP 106-132, ISIP 1929, FFP 132-159, FSIP 2009,

DST #3 8274-8430'. TO 30", SI 90", OP 90", SI 180". Op w/good blow. GTS in 7" 180# on 1/4" choke increased to 300# in 15". Reop on 1/2" choke 500# increased to 700# = 4475 MCFPD. Recovered: 1120' GCH. Sampler: 1300 psi, 15.729 cfg, small amount of mud. BHT 140 deg. Pressures: HP 3941-3941, IFP 595-1175, ISIP 3095, FFP 530-1214, FSIP 2962.