

DRILL STEM TESTS

Yates Petroleum Corporation

ARCO "EC" State #1 K-4942

Section 36-17S-25E, Eddy County, New Mexico

DST #1 6550-6810' - TO 30", SI 60", TO 60", SI 120". Op w/wk blow, dead in 26". Re-op 1" in water, increasing to 2½" in 10 minutes, decreasing steadily to 1" in water in 1 hour.

Recovered: - 515' DM, no gas or oil.

Sampler: - 2100 cc DM, 75#, no gas or oil.

Pressures: - HP 3141-3128; IFP 626-508; ISIP 1782; FFP 521-481; FSIP 1119.

DST #2 7958-8125' - TO 30", SI 90", TO 60", SI 150". Op w/weak blow, increased slightly to 2" water, steady. Re-op 3" water decreasing to 1½" in 1 hour.

Recovered: - 510' of drilling fluid, no gas or oil. BHT 135 deg.

Sampler: - 140 psi, 2150 cc GCDM.

Pressures: - HP 3678-3678; IFP 140-192; ISIP 455; FFP 280-315; FSIP 524.

DST #3 8240-8382' - TO 30", SI 90", TO 75", SI 135". Op w/strong blow. GTS 4", MTS 10", 5" on 1/2" choke 1500#. 2nd flow period stabilized flow 1500# on 1/2" choke = 9.5 MMCFPD.

Recovered: - 15' distillate, 50.7 API gravity, 50" filtrate water (14000 cl, Pit 16000 cl).

Sampler: - 2800#, 9.7 cfg, no fluid.

BHT - 137 deg.

Pressures: - HP 3889-3889; IFP 2325-2711; ISIP 3167; FFP 2430-2781; FSIP 3167.