

DRILL STEM TESTS

Yates Petroleum Corporation
Harvey "JI" Federal No. 1
Section 23-21S-21E
Eddy County, New Mexico

DST #1 - 6196-6260' - - TO 30", SI 90", TO 60", SI 90". TO w/fair blow. GTS in 22" on 1/4" choke 7 psi. Reopened w/fair blow 10 psi in 5". Decreased to 0# in 15". Recovered: 360' GCM. Sampler: 250# .04 cfg, 1500 cc GCM. Pressures: HP 2830-2830, IFP 79-132, ISIP 1837, FFP 79-185, FSIP unable to read.

DST #2 7360-7482' - - TO 30", SI 90", TO 60", SI 120". Op w/weak blow increased to strong blow in 2" w/1#. Changed to fair blow in 45" w/1/2# and remained throuout test. Recovered: 210' of DF. Sampler: 400#, 2400 cc DF, Cl 34000 ppm. Pressures: HP 3363-3339, IFP 132-158, ISIP 1278, FFP 158-132, FSIP 1055.

DST #3 7870-7971' - TO 30", SI 90", OP 60", SI 90". TO w/weak blow. Reopened w/weak blow. Recovered: 60' mud, 660 ' water. Sampler: 750 psi, 2250 cc water. BHT 130 deg. Pressures: HP 3637-3619, IFP 35-280, ISIP 2762, FFP 350-525, FSIP 2762'.

DST #4 5877-6000' (Cisco) Lynes Straddle Test. - Packer ruptured. Mis run.

DST #5 5877-6000' - Lynes Straddle - TO 30", SI 90", OP 30", SI 60". Op w/very weak blow - 1" water pressure and steady. Reopened w/very weak blow. 1" water pressure and steady. Recovered: 120' DM. Sampler: 0#, 2200 cc DM. Pressures: HP 2727-2723, IFP 29-30, ISIP 50, FFP 34-40, FSIP 45.

DST #6 6121-6244' (Straddle Test) - Packer ruptured and a misrun test.

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