

DRILL STEM TESTS

Yates Petroleum Corporation  
NW Indian Basin Unit #1-Y  
Section 12-21S-22E, Eddy County, New Mexico

DST No. 1 3890-4005' - TO 30", SI 60", TO 120", SI 240". OP w/very weak blow. Re-op w/fair blow, no GTS. Recovery: 5' water. Sampler: 2000 cc water. BHT 88 deg. F. Pressures: HP 1656-1656; IFP 6-6; ISIP 53; FFP 6-6; FSIP 131.

DST #2 5700-5750' - TO 30", SI 60", OP 60", SI 120". OP w/fair blow. Reop w/fair blow, decrd and died. Recovered: 275' drilling fluid, 3925' water. Sampler: 0#, 1600 cc water, 0 cfg. Pressures: HP 2555-2519, IFP 516-2003; ISIP 2074; FFP 2003-2074; FSIP 2074.

DST #3 5580-5700' (Straddle Test) - TO 30", SI 60", TO 60", SI 120". TO w/very very weak blow, reop w very weak blow. Recovered - 350' of mud sulphur water cut. Sampler: 0#, 0 cfg, 1600 cc mud, sulphur water cut. Pressures: HP 2520-2484; IFP 36-89, ISIP 1594; FFP 107-178; FSIP 1205.

DST #4 8855-8897' - TO 30", SI 60", OP 90", SI 120". OP w/weak blow, reop w/very weak blow. Recovery - 2810' mud, 3690' water in DP, 620' wtr in DC. Sampler: 1413# leaking bad seal. Pressures: HP 4145-4190; IFP 1413-3234; ISIP 3371; FFP 3120-3371; FSIP 3394.

DST #5 8934-9029' - TO 30", SI 90", TO 60", SI 180". OP w/ good blow, increasing to 9# on 1/4" choke in 30". GTS 34". Reop on 1/4" choke and decreased steadily. Recovered: 420' GCDM, no water. Sampler: 0.05 cfg, 75#, no fluid. Pressures: 4267-4267 (HP) ; IFFP 132-154; ISIP 3268; FFP 110-176; FSIP 3357.

DST #6 - 9101-9353 - TO 30", SI 90", OP 90", SI 120". OP w/weak blow, increased to fair blow. Reop w/very weak blow. Recovered: 248' DM, 416' slightly GCDM. Sampler: 15#, 0.10 cfg, 2000 cc mud. Pressures: HP 4544-4544; IFP 421-444; ISIP 607; FFP 444-467; FSIP 537. BHT 165 deg.

