

YATES PETROLEUM CORPORATION

Lotus ALT STATE #2, V-2443
1980' FNL & 1980' FEL, Sec. 32-T22S-R32E
Lea County, New Mexico

DRILL STEM TESTS

DST #1 7070-7176' DELAWARE: TIMES: 15", 60", 60", 120", 120". RECOVERY: 1731' (16.4 bbls) of water cut drilling fluid. SAMPLER: 1.33 cfg, 60 cc oil, 1800 cc water; 165000 Cl, .056 Rw, at 700 psi. BHT: 118 deg. F. Pressures: Depth - 7171', IHP 3282, IFP 123-303, ISIP 3045, 2nd FP 379-626, 2nd SI 3000, 3rd FP 626-939, FHP 3301.

DST #2 8003-8059' BRUSHY CANYON: TIMES: 15", 60", 60", 120", 256". RECOVERY: 60' (.9 bbls) of mud, Cl 38000, 909' (3.5 bbls) water, Cl 53000. Pit mud 38000, Top 57640, Middle 57640, Bottom 89262. SAMPLER: .6 cfg, 25 cc oil, 1825 cc water, Cl 124000, at 345 psi at 70 deg. F. BHT: 120 deg. F. PRESSURES: Depth 8053', IHP 3624, IFP 26-52, ISIP 3243, 2nd FP 77-115, 2nd SI 3395, 3rd FP 128-408, FHP 3624.

DST #3 8210-8360' DELAWARE: TIMES: 15", 60", 60", 120", 120". RECOVERY: 1848' (17.7 bbls) of drilling fluid, Cl 40000. SAMPLER: .12 cfg, 2350 cc mud, Cl 40000, at 310 psi. BHT: 120 deg F. PRESSURES: Depth - 8354', IHP 3821, IFP 107-145, ISIP 3567, 2nd FP 158-272, 2nd SI 3530, 3rd FP 285-1007, FHP 3833.

Note: Charts showed pressure communication above and below packers during test.

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