

YATES PETROLEUM CORPORATION

Conoco ADK Federal Com #6
NE/SW, Sec. 26-T20S-R24E
Eddy County, NM

DRILL STEM TESTS

DST #1 6856-6740' WOLFCAMP: TIMES: 13", 60", 60", 180". RECOVERY: 429' (3.9 bbls) of condensate, 54.7 gravity API @ 60 deg F., and 384' (1.5 bbls) of drilling mud, DI 84,000. SAMPLER: 10.2 cu ft gas at 1520 psi. BHT: 130 deg F. PRESSURES: DEPTH - 6850', IHP - 3344, IFP - 803-1125, ISIP - 3259, 2nd FP - 1087-1248, 2nd SI - 3230, 3rd FP - 1078-1903, 3rd SI - 3211, FHP - 3334.

DST #2 7524-7580' (56') CANYON: RECOVERY: 300' (4.4bbls) of gas cut drilling mud, CI 99000 and 4906' (61.3 bbls) of drilling mud, CI 91,000. SAMPLER: 1.65 cu ft gas and 1700 cc mud, CI 92000 at 350 psi. BHT 142 deg F. PRESSURES: DEPTH - 7573', IHP - 3691, IFP - 817-949, 2nd FP - 996-1400, 2nd SI - 2076, 3rd FP - 1418-1691, FHP - 3701.

DST #3 7592-7660' CANYON DOLOMITE: TIMES: 15", 60", 60", 180", 90". RECOVERY: 155' (2.1 bbls) of gas cut drilling mud, CI 100,000 and 876' (4.4 bbls) of water cut drilling mud, CI 45000. NOTE: Pulled to recovery, reversed to tank. Color cut tank - no oil. SAMPLER: 1.6 cu ft gas, 375 cc water; CI 28000, at 480 psi. BHT: 142 deg F. PRESSURES: DEPTH - 7653', IHP - 3826, IFP - 159-252, ISIP - 1927, 2nd FP - 177-475, 2nd SI - 1881, 3rd FP - 196-522, FHP - 3826.

DST #4 7640-7724' (84') CANYON DOLOMITE: TIMES: 15", 60", 60", 180", 90". RECOVERY: 80' (.3bbls) of drilling mud, CI 94000 and 1274' (10.1 bbls) of mud cut formation water, CI 63000. SAMPLER: 3 cu ft gas, 500 cc water; CI 20000, .33 Rw at 75 deg, at 560 psi at 75 deg. BHT: 148 deg F. PRESSURES: DEPTH - 7718', IHP - 3842, IFP - 170-292, ISIP - 1888, 2nd FP - 207-517, 2nd SI - 1888, 3rd FP - 310-677, FHP - 3870.

DST #5 7726-7774' (48') CANYON DOLOMITE: TIMES: 15", 60", 60", 180", 90", 60". RECOVERY: 1252' (17.8 bbls) gas cut oil, API Gravity 60 deg F + 390' (5.5 bbls) of drilling mud, CI 74000 + 1022' (6.4 bbls) of formation water, CI 23000. SAMPLER: 1.68 cu ft gas, 500 cc oil, gravity oil at 42 deg, 700 cc water, CI 25000 and 600 cc mud and oil emulsion (unable to determine Chl), at 700 psi at 78 deg. BHT: 138 deg F. PRESSURES: DEPTH - 3856', IHP - 3856, IFP - 245-326, ISIP - 2075, 2nd FP - 326-671, 2nd SI - 2075, 3rd FP - 566-1008, 3rd SI - 1974*. (3rd SI only to bleed H₂S gas off drill pipe before pulling loose).