

YATES PETROLEUM CORPORATION

Superior WA State #5, LG-2265

Unit C, 660' FNL & 1980' FWL

Section 11-T14S-R33E

Lea County, NM

DRILL STEM TESTS

DST #1 8882-8950' ABO: TIMES: 15", 60", 60", 180", 60". RECOVERY: 50' (.24 bbls) of oil, 70' (.34 bbls) of formation water, Cl 19000 and 215' (1.05 bbls) of drilling fluid, Cl 4500. SAMPLER: .08 cfg, 450 cc oil at 60°, 1850 cc water, Cl 4000, Rw 1.1 @ 60 deg at 80 psi. NOTE: Sample badly emulsified, could not obtain gravity of oil. BHT: 139°F. PRESSURES: Depth - 8893', IHP 3933, IFP 123-137, ISIP 245, 2nd FP 150-191, 2nd SI 286, 3rd FP 191-191, FHP 3959.

DST #2 9937-9987' BOUGH "D": TIMES: 15", 60", 60", 180", 120". RECOVERY: 30' (.43 bbls) of oil, 37.1 gravity; 2098' (22.1 bbls) of formation water, Cl 54000; 210' (3 bbls) of drilling mud, Cl 35000. SAMPLER: 1/2 cfg, 10 cc of 37.1 gravity oil at 60 deg, 1920 cc water. BHT: 154 deg. F. PRESSURES: Depth - 9982, IHP 4747, IFP 306-456, ISIP 3471, 2nd FP 506-882, 2nd SI 3418, 3rd FP 844-1469, FHP 4747.

DST #3 9997-10070' - No test.

DST #4 9997-10070': TIMES: 15", 60", 60", Opened tool with no blow on 1/8" choke - 15 mins closed tool. On 2nd FP - opened tool with good blow - 15 mins 15 oz; 20 mins, 13 oz; 13 mins, 10 oz; 40 mins 2-1/2#, 50 mins 3#, 60 mins 3#. Bottom of bucket in 8 mins. Closed tool after 60 mins. RECOVERY: None (stuck test tools). SAMPLER: .25 cfg, 940 cc water, 35000 Cl, .195 Rw at 70 deg. 960 cc mud; 35000 Cl at 280 psi. BHT: 170 deg. F. PRESSURES: Depth - 10064', IHP 4794, IFP 70-142, ISIP 2519, 2nd FP 142-28, FHP 4794.

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