

YATES PETROLEUM CORPORATION

Little Maggie AJN State #1 - E-1190
Unit I, Section 16-T18S-R32E
Lea County, NM

DRILL STEM TESTS:

DST #1 3845-3914' (69') QUEEN: TIMES: 10", 60", 60", 180", 60". RECOVERY: 350' (4.97 bbls) free oil; 1852' (16.63 bbls) water. Pulled 350' of free oil. Reverse circulated 1852' of mud and formation water with about 5% oil cut. Chl: top - 29000, middle - 31000, bottom - 40000. SAMPLER: .8 cfg, 500 cc oil, 1650 cc water, Chl 47000. PRESSURES: IHP 1720, IFP 64-434, ISIP 1411, 2nd FP 449-853, FSIP 1394, FFP 858-1998, FHP 1716.

DST #2 4552-4592' (40'). PREMIER: TIMES: 10", 60", 60", 180", 60". RECOVERY: 1659 bbls free gas, 20' (.10 bbls) oil and 165' (.80 bbls) water, Chl - top 33240, bottom 37500. SAMPLER: .045 cfg, 575 cc oil and 1900 cc water, Chl 45000. PRESSURES: Chart depth 4570' - BHT 91° F. IHP 2075, IFP 50-58, ISIP 1532, 2nd FP 73-103, FSIP 1392, FFP 123-135, FHP 2062.

DST #3 5729-5764' (35') DELAWARE: TIMES: 5", 60", 60", 120", 60". RECOVERY: 93' drilling mud and 3' free oil. SAMPLER: 100 cc oil and 1900 cc mud. PRESSURES: Chart Depth: 5740' - BHT 104°. IHP 2592, IFP 47-47, ISIP 1986, 2nd FP 61-76, FSIP 1932, FFP 8296.

DST #4 8068-8123' (55') BONE SPRINGS: TIMES: 10", 60", 60", 180", 60". RECOVERY: 7195' free gas, 68' (.33 bbls) oil, 120' (.59 bbls) drilling mud, 626' (93.08 bbls) formation water. Chl 72000 ppm. H2S 150 ppm. Pulled drill pipe with show of oil. RU control head. Reverse to test tank, let tank settle. Gauged 4 bbls fluid. Color cut indicated .33 bbls oil and 3.67 bbls water. SAMPLER: .18 cfg, 50 cc oil and 1600 cc water, Chl 70000. PRESSURES: Chart 8041' - BHT 124°F. IHP 3670, IFP 64-111, ISIP 3425, 2nd FP 118-269, FSIP 3380, FFP 284-387, FHP 3644.

DST #5 10303-10349' (46') WOLFCAMP: TIMES: 10", 60", 60", 180", 90". RECOVERY: 230' (1.5 bbls) free oil and 310' (2.0 bbls) drilling mud, Chl 34000. Pulled to recovery; RU control head, drop bar and reverse out to tank. Let tank settle. Gauge tank and color cut same. Gauge 1.5 bbls oil and 2.0 bbls water. SAMPLER: .33 cfg. 575, cc oil and 775 cc mud. Chl 33000 - 100 psi @ 60°. PRESSURES: 10274' DEPTH: IHP 4658, IFP 57-59, ISIP 3930, 2nd FP 73-134, FSIP 4484, FFP 146-189, FHP 4655. BHT 135°F.

DST #6 10769-10859' (90') WOLFCAMP: TIMES: 10", 60", 60", 180", 120". RECOVERY: 90' (.58 bbls) free oil, 90' (.58 bbls) drilling mud. Chl 35000, Oil 41° API gravity @ 60°F. SAMPLER: .25 cfg, 4100 cc oil. PRESSURES: 10743' DEPTH: IHP 5079, IFP 62-70, ISIP 1458, 2nd FP 41-96, FSIP 5073, FFP 45-118, FHP 5073, BHT 144°F.

DST #7 11557-11584' STRAWN: TIMES: 10", 60", 60", 180", 60". RECOVERY: 3' (.01 bbls) oil, 216' (1.06 bbls) rathole mud, Cl 2200 and 744' (3.65 bbls) water cushion, Cl 400. SAMPLER: 1.92 cfg @ 295 psi @ 60°. BHT: 155°F. IHP 5565, IFP 240-242, ISIP 1401, 2nd FP 468-373, 2nd SI 396, 3rd FP 396-396, FHP 5561.

DST #8, #9, #10 - MISRUNS