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YATES PETROLEUM CORPORATION

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Eddy County, New Mexico

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ARTESIA, OFFICE

DRILL STEM TESTS

DST #1 6662-6763' (101') UPPER CANYON: TIMES - TO 30", SI 60"; TO 60", SI 180". Opened with strong blow, to bottom of bucket in 30 seconds. In 1 min had 3# on 1/8" choke; 10 mins 10#; 20 mins 15#; 30 mins 24#. SI. Opened manifold to pit. GTS in 3 minutes. Opened to 1/4" choke in 5 mins 1/2#, 10 mins 1/2#, 20 mins 1#, 30 mins 1/2#, 40 mins 0#, 50 mins 0# and 60 mins 0#. Had small lazy flare. SI. Reopened 60 mins with no pressure. Had small lazy flare throughout. RECOVERY - 374' (5.31 bbls) heavy Vis pill and 1033' (8.54 bbls) water. SAMPLER - .85 cfg, 1800 cc water at 500 psi. PRESSURES: BOTTOM: DEPTH 6756', IHP 3380, IFP 144-332, ISIP 2348, 2nd FP 379-585, 2nd SI 2348, FFP 585-716, FHP 3380.

DST #2 6831-6855' (24') CANYON: TIMES - TO 30", SI 60"; TO 60", SI 180". Opened with good blow, bottom of bucket; 8 psi in 10 mins; 9 psi in 20 mins and stablized. SI. Bled drill pipe to pit, no gas. Reopened with weak blow. GTS in 10 mins (.5#). Had 1# in 15 mins; 1-1/2# in 20 mins; 2# in 30 mins and stablized at 2# throught 2nd open. Flare to pit, 1/8" choke. SI. Reopened tool 1 hour after FSI for additional fluid recovery. RECOVERY - 180' (2.55 bbls) drilling mud + 1289' (11.61 bbls) water. SAMPLER - .75 cfg, 1900 cc water at 520 psi. PRESSURES: BOTTOM: Depth 6848', IHP 3445, IFP 50-264, ISIP 2489, 2nd FP 332-519, 2nd SI 2489, FFP 519-726, FHP 3445.