

YATES PETROLEUM CORPORATION

Lily ALY Federal #1, NM-80645
660' FNL & 660' FEL (Unit A),
Section 3-T24S-R31E
Eddy County, NM

DRILL STEM TESTS:

DST #1 6872-6931' CHERRY CANYON: TIMES: 15", 60", 60", 120", 60".
RECOVERY: 302' (1.5 bbls) of drilling fluid, C1 57000 + 920 (7.5 bbls)
of formation water, C1 83000. SAMPLER: 6.35 cfg, 1800 cc water, C1
145000, Rw .0629 @ 65 deg. BHT: 116 deg F. PRESSURES: Depth 6855',
IHP 3186, IFP 30-185, ISIP 3115, 2nd FP 178-567, 2nd SI 2917, 3rd FP 477-615,
FHP 3161.

DST #2 7225-7278' DELAWARE: TIMES: 15", 60", 60", 120", 90". RECOVERY:
5' (.02 bbls) of oil, 295' (1.45 bbls) of drilling fluid, C1 50000 and 50'
(.25 bbls) of formation water, C1 98000. SAMPLER: .07 cfg, 50 cc of 35
gravity oil at 60 deg. and 2150 cc water, C1 98000, Rw .08 @ 60 deg, at 50
psi. BHT: 118 deg F. PRESSURES: Depth 7230', IHP 3372, IFP 78-78, ISIP 2849,
2nd FP 78-104, 2nd SI 2823, 3rd FP 104-156, FHP 3372.

DST #3 7992-8027' DELAWARE: TIMES: 15", 60", 60", 120". RECOVERY: 1822'
(16.7 bbls) of oil + 60' (.2 bbls) of formation water, C1 51000 + 20' (.08
bbls) of drilling fluid, C1 56000. SAMPLER: 1.5 cfg, 1500 cc of 40.5 gravity
oil at 60 deg., 100 cc water, C1 50000, Rw .16 @ 60 deg. BHP: 121 deg F.
PRESSURES: Depth 7997', IHP 3633, IFP 130-156, ISIP 3241, 2nd FP 182-469,
2nd SI 3215, FHP 3659'.