

JAN 14 1994

YATES PETROLEUM CORPORATION

WARREN ANW FEDERAL #1, NM-1372

1980' FSL, 660' FWL, (Unit J)

Section 9-T19S-R25E

Eddy County, NM

DRILL STEM TESTS:

DST #1 7764-7796' CANYON: TIMES: 15", 60", 60", 120", 60". RECOVERY: 240' (1.17 bbls) of rathole mud with trace of oil. Top Chl 58000, Middle Chl 64000, Bottom Chl 64000. SAMPLER: 1.13 cfg, 150 cc oil and 100 cc mud, Cl 64000, at 150 psi. PRESSURES: Depth - 7775', IHP 3692, IFP 117-117, ISIP 2162, 2nd FP 88-146, 2nd SI 1846, 3rd FP 88-176, FHP 3692.

DST #2 7800-7846' CANYON: TIMES: 15", 60", 60", 120", 60", 100". RECOVERY: 2416' (19.5 bbls) of gas cut oil + 816' (6.6 bbls) of formation water and 245' (1.2 bbls) of drilling mud. SAMPLER: 4.8 cfg, 1000 cc of 43 gravity oil at 60° and 500 cc water; Cl 52000, Rw .43 @ 60 deg, at 1050 psi. PRESSURES: Depth - 7811', IHP 3692, IFP 409-553, ISIP 2393, 2nd FP 553-1243, 2nd SI 2278, 3rd FP 956-1386, 3rd SI 2249, FHP 3692.

DST #3 7850-7888' CANYON: TIMES: 30", 60", 90", 120". RECOVERY: 365' (5.2 bbls) of oil, 2801' (20.8 bbls) of formation water and 265' (1.3 bbls) of rathole mud, Middle Chl 54000, Bottom Chl 52000. SAMPLER: .92 cfg, 400 cc of 40 gravity oil at 60°, 1400 cc water; Cl 52000, Rw .094 @ 60 deg, at 380 psi. PRESSURES: Depth - 7861', IHP 3721, IFP 784-927, ISIP 2306, 2nd FP 697-1100, 2nd SI 2191, BHP 3721.

DST #4 7890-7938' CANYON: TIMES: 15", 60", 60", 120", 60". RECOVERY: 127' (1.8 bbls) of rathole mud, Top chl 31000, Middle Chl 8000, Bottom Chl 4200, 5087' (65.3 bbls) of formation water. SAMPLER: .23 cfg + 2450 cc water, Cl 4200, Rw 1.1 @ 60 deg, at 525 psi. PRESSURES: Depth - 7936', IHP 3779, IFP 496-870, ISIP 2306, 2nd FP 956-1932, 2nd SI 2306, 3rd FP 1961-2249, FHP 3779.