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YATES PETROLEUM CORPORATION

MAR 29 12 21 PM '93

Chalk AKH Federal #2, LC 060122
660' FNL & 1330' FEL
Sec. 27-T18S-R27E
Eddy County, NM

CL 15
APP. 10

DRILL STEM TESTS

DST #1 7269-7352' WOLFCAMP: TIMES: 15", 60", 60", 120", 60". RECOVERY: 150' (2.1 bbls) gas cut mud with trace oil, Cl 37000; 947' (3.8 bbls) formation water, Cl 25000. Recovery was reverse circulated. SAMPLER: 0.91 cfg, 1800 cc water, 22000 Cl, .30 Rw @ 60 deg. 490 psi. PRESSURES: BHT 115 deg F. Depth - 7234', IHP 3338, IFP 83-180, ISIP 2725, 2nd FP 234-437, 2nd SIP 2719, FFP 465-531, FHP 3350.

DST #2 7992-8046' CANYON: TIMES: 15", 60", 325", 120". RECOVERY: 50' (0.2 bbls) drilling mud with slight trace of oil, Cl 52000; 27' (0.1 bbls) of formation water, Cl 51000. Recovery was reverse circulated. Formation water much darker in color than drilling mud. SAMPLER: 1.4 cfg, 150 cc of oil (not enough oil to run gravity), 500 cc water (very dark colored formation water), 47000 Cl 0.17 Rw @ 60 deg. 290 psi. PRESSURES: BHT 130 deg. F. Depth - 7965, IHP 3715, IFP 105-143, ISIP 2560, FFP 107-200, FSIP 2894, FHP 3784

DST #3 8067-8111' CANYON: TIMES: 15", 60", 240", 120". RECOVERY: 884' (12.6 bbls) drilling mud, Cl 60000' 5601' (71.4 bbls) formation water, Cl 19000. Recorded 2000 ppm H2S associated with formation water. SAMPLER: 450 psi, 0.45 cfg, 2350 cc water, 19000 Cl .38860 Rw @ 60 deg. PRESSURES: BHT 140 deg. F. Depth - 8038', IHP 3862, IFP 132-774, ISIP 2949, FFP 794-2946, FSIP 2947, FHP 3868.