

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
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PATRIOT AIZ COM #3
Unit P, 760' FSL & 660' FEL
Section 20-T19S-R25E
Eddy County, NM

RECEIVED
OCT 29 1985
9:10

DRILL STEM TESTS:

DST #1 7650-7686' Canyon: TIMES: 15", 60", 60", 120", 60". RECOVERY: 2' (.038) bbbbls) of 40 API Gravity Oil + 16.24' (14.9 bbls) of water, C1 24000. SAMPLER: .17 cfg, 0 cc oil, 2500 cc water, C1 20000, Rw .36 @ 60 deg. at 560 psi. PRESSURES: Depth - 7635', IHP 3578, IFP 72-264, ISIP 1813, 2nd FP 312-500, 2nd SI 1813, 3rd FP 547-664, FHP 3578.

DST #2 7692-7726' Canyon: TIMES: 15", 60", 60", 120", 60". RECOVERY: 2433' (34.6 bbls) of 40.5 deg API Gravity oil, 1085' (6.9 bbls) of water, C1 20000. SAMPLER: 6.5 cfg, 500 cc oil at 40.5 deg, 100 cc water, C1 20000, Rw .36 at 60 deg at 1100 psi. PRESSURES: Depth - 7697', IHP 3624, IFP 406-500, ISIP 1996, 2nd FP 734-1057, 2nd SI 1996, 3rd FP 965-1333, FHP 965-1333.

DST #3 7800-7823' Canyon: TIMES: 15", 60", 60", 120", 60". RECOVERY: 1653' (23.5 bbls) of 40.5 deg oil, 1.38' (6.1 bbls) of water, C1 25000. SAMPLER: 3.26 cfg, 800 cc of 40.5 Gravity oil at 60 deg, 500 cc water, C1 21000, Rw .31 @ 60 deg. PRESSURES: Depth 7695', IHP 3670, IFP 288-359, ISIP 2087, 2nd FP 288-710, 2nd SI 2018, 3rd FP 594-942, FHP 3647.

DST #4 7841-7853' Canyon: TIMES: 15", 60", 60", 120", 60". RECOVERY: 4262' (53.8 bbls) of slightly mud cut formation water, Top Chl 55000, Middle Chl 50000, Bottom Chl 43000, SAMPLER: .24 cfg, 2500 cc water, C1 37000, Fw .14 @ 60 deg, at 810 psi. PRESSURES: Depth 7823', IHP 3837, IFP 379-861, ISIP 2153, 2nd FP 946-1673, 2nd SI 2126, 3rd FP 1779-2099, FHP 3866.