

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



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#### DRILL STEM TESTS

Remuda State Unit #1, V-2722  
Unit H, 1980' FNL & 660' FEL  
Sec. 8-T10S-R33E  
Lea County, NM

DST #1 4386-4456' San Andres: On 1st open - 2½ oz after 30 mins. On 2nd open - 2½ oz after 60 mins. Decreased after 60 mins. RECOVERY - 306' FW. SAMPLER - .1 cfg, 2350 cc water and pressure 75 psi. BHT 102°F. PRESSURES: BOTTOM: IHP 1980, IFP 57-113, ISIP 1252, FFP 113-170, FSIP 1314, FHP 1991.

DST #2 9146-9250' (104') Bough B & C: Opened tool for 30 min flow with very weak blow throughout. SI 60 min. Opened tool for 60 min flow with very weak blow, built to 1/2" in bucket and stabilized. SI 180 mins. Opened for 60 min final flow with very weak blow, built to 1/2" in bucket and stabilized. RECOVERY: 120' drilling mud. SAMPLER: 200 cc mud, 100 psi. PRESSURES: Depth 9123': IHP 4900, IFP 181-181, ISIP 422, 2nd FP 180-180, FSIP 422, FFP 180-180.

DST #3 9252-9376' (124') Bough B & C: Time - 30", 60", 60", 180". Opened with good blow, increased from 1 psi in 5 mins to 3 psi in 30 mins. SI. Opened with good blow, increased from 1 psi in 45 mins to 1.5 psi in 60 mins. SI. RECOVERY: .65 cfg, 2375 cc water with 500 psi. PRESSURES: Depth 9228': IHP 4965, IFP 285-1290, ISIP 2512, FFP 1290-1770, FSIP 2175, FHP 4965.

DST #4 9485-9590': Time - 30", 60", 60" 120". Opened with good blow on 1/8" bubble hose. Pressure slowly increased from 2 oz in 10 mins to 12 oz 30 mins. SI. Opened with 4 oz and increased to 20 oz in 50 mins and 23 oz in 60 mins. SI. RECOVERY: 196' drilling mud and 859' formation water. SAMPLER: .55 cfg, 1850 cc water and 350 psi pressure. PRESSURES: IHP 5104, IFP 126-356, ISIP 2915, FFP 372-573, FSIP 2764, FHP 5085.