

THE SUPERIOR OIL COMPANY

Lester Alston, et al No. 1

LOCATION: 660' from North Line & 1980' from West Line
Section 26, T-13-S, R-35-E
Lea County, New Mexico

DRILL STEM TESTS:

- No. 1: 5340-5462, Tool open 2 hours, fair blow of air throughout. Recovered 465' salt water cut mud and 3137' salty sulfur water. 1 hr. ISIP 2060, FP 380-1380, 1 hr. FSIP 2000, HP 3000, BHT 118° F.
- No. 2: 10,414-10,514, Tool open 2 hours, very weak blow of air throughout, recovered 435' drilling mud and 75' salt water cut mud. 1 hr. ISIP 3660, FP 90-380, 1 hr. FSIP 2300, HP 5040, BHT 180° F.
- No. 3: 13,570-13,620, Tool open 1 hour, very weak blow of air throughout, recovered 3593' water cushion, 362' viscous drilling mud w/formation cuttings throughout. $\frac{1}{2}$ hr. ISIP 7190, FP 1290-2300 partially plugging, 1 hr. FSIP 5610, HP 6750, BHT 190° F.
- No. 4: 14,066-14,153, Tool open 1 hour, no blow, recovered 4135' nitrogen cushion plus 5' drilling mud, $\frac{1}{2}$ hr. ISIP 2350, FP 1710-1710, 1 hr. FSIP 2193, HP 6864, BHT 250° F.
- No. 5: 14,153-14,254, Tool open 1 hr, very weak blow of air throughout. Recovered 4225' nitrogen cushion plus 10' drilling mud. $\frac{1}{2}$ hr. ISIP 4623, FP 1750-1750, 1 hr. FSIP 3972, HP 6864, BHT 255° F.
- No. 6: 14,805-14,931, Tool open 1 hr, strong blow of air throughout, recovered 5000' nitrogen cushion plus 500' mud cut salt water plus 2857' salt water, $\frac{1}{2}$ hr. ISIP 5906, FP 2792-3416, 1 hr. FSIP 5859, HP 6887, BHT 265° F.

FORMATION TESTER:

Ran wire line formation tester 10,385-10,388', $\frac{1}{2}$ hr. ISIP 1375, flow pressure less than 50 psi. FSIP less than 50, HP 5000+, recovered 0.27 cu.ft. free gas.

BHF:gj
1-23-62

