

SUMMARY OF DRILL STEM TESTS

Freeport Oil Company
Mattie Price Well No. 2
Section 6, T-17-S, R-38-E
Lea County, New Mexico

DRILL STEM TEST NO. 1

May 6, 1970
5551'-5661' (San Andres)

10 Min. Preflow: 70 psi. Weak blow. No gas to surface.
60 Min. ISIP: 2132 psi
120 Min. Final Flow: 2104 psi. Weak blow increased to good. No gas to surface.
270 Min. Final SIP: 2543 psi.
IH/FH: 2543
Temperature: 117°F
Recovery: 1700' gas, 10' free oil, 90' drilling fluid
MFE Chamber: 0.10 CF gas, 260 cc oil, 1500 cc drilling fluid

DRILL STEM TEST NO. 2

May 10, 1970
6301'-6432' (San Andres)

10 Min. Preflow: 425 psi. Weak blow increased to strong. No gas to surface.
60 Min. ISIP: 2671 psi
90 Min. Final Flow: 1353 psi. Weak blow increased to strong. No gas to surface.
240 Min. Final SIP: 2630 psi
IH/FH: 2863/2755
Temperature: 125°F
Recovery: 558' drilling water with trace of oil, 2342' sulphur water
MFE Chamber: 0.1 CF gas, 80 cc oil, 2400 cc sulphur water

DRILL STEM TEST NO. 3

May 12, 1970
6645'-6745' (Glorieta)

10 Min. Preflow: 85 psi. Weak blow. No gas to surface.
60 Min. ISIP: 2623 psi
90 Min. Final Flow: 164 psi. Weak blow increased to strong. No gas to surface.
240 Min. Final SIP: 2560 psi
IH/FH: 2997/2994
Temperature: 125°F
Recovery: 2330' gas, 80' free oil, 80' drilling fluid
MFE Chamber: 0.4 CF gas, 560 cc oil, 1140 cc drilling fluid