

SUMMARY OF DRILL STEM TESTS

Freeport Oil Company
Mattie Price Well No. 3
Section 6, T-17-S, R-38-E
Lea County, New Mexico

Drill Stem Test No. 1

12,675' to 12,695'
September 8, 1970

10 Min. Preflow: 973-986#. Weak blow. No gas to surface.
60 Min. ISIP: 4951#
2nd 10 Min. Flow: 986#. No blow
10 Min. SIP: 4935#
210 Min. Final Flow: 1141-1163#. Weak blow increasing to strong blow in 1 hour
45 minutes. Opened on 1/4" choke to pit.
210 Min. FSIP: 4966#
IH/FH: 5860/5880#
Temperature: 190°F
Recovery: 5465' scattered gas
730' of Free oil, gravity 44.7° at 60°F
2000' water blanket
MFE Chamber: 0.3 cubic feet gas at 10 psi
2400 cc gas cut mud

Drill Stem Test No. 2

12,680' to 12,796'
September 11, 1970

10 Min. Preflow: 991-1004#. Weak blow. No gas to surface.
60 Min. ISIP: 5003#
180 Min. Final Flow: 1004-1130#. No blow in 1st hour. Weak blow increasing to
good after 2-1/4 hours.
180 Min. FSIP: 5011#
IH/FH: 5890/5859#
Temperature: 186°F
Recovery: Reversed out 720' free oil, gravity 45.3° at 60°F
2000' water blanket.
Below circulating sub recovered 90' mud cut oil.
MFE Chamber: 0.17 cubic feet gas at 10 psi
980 cc mud cut oil.