

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-122-A
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Mesa Verde Formation Mesa Verde County San Juan
Well Name Well No. 6 70-405
Unit A S 20 T 22 R 11 Pay Zone 1000 To 1006 Flow String 2000
Casing O D 7 Wt 20 Set at 445 Tubing O D 2.375 Wt 6.7 L 4400 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. _____ Period of test flow _____ SIP Measured _____
From 7-8-62 To 7-10-62 7-10-62

Deadweight Flowing Pressure, psia _____ Flowing Pressure psia _____
Casing _____ (a) Tubing _____ (b) Meter _____ (c) Chart _____ (d)

Deadweight Shut-in Pressures, psia _____ Meter Error _____ Friction Loss _____
Casing 920 (j) Tubing 927 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .675

G. L. = 382.5 $1-e^{-s} =$.107 $(F_c Q)^2 =$ 22.831

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 6753 $P_i^2 =$ 2442.00 $P_w^2 =$ 2442.53

$Q = \frac{604}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{604}{\quad} \right] = 604$

$D = Q \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{1.0094}{\quad} \right)^N = \frac{1.0094}{\quad} = 61.5$

Perforated tubing with 1/4" holes at following depths: 4930, 4440, & 4440.
Shut back on production 6-11-62.

SUMMARY

$P_c =$ 927 psia Company EL PASO NATURAL GAS COMPANY
 $Q =$ 604 MCF/D By E. L. [Signature]
 $P_w =$ 496 psia Title Dr. Gas Engineer
 $P_d =$ 479 psia Witnessed By _____
 $D =$ 61.5 MCF/D Company _____



