

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 Blanco Formation Mesa Verde County San Juan
Well Name Storey No. 8-C (NY) 71-729
Unit X S 33 T 28 R 9 Pay Zone 5416 To 5496 Flow String Tubing
Casing O D 5.500 Wt 15.50 Set at 5645 Tubing O D 2-3/8 Wt 4.7 L 5474 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 071461 To 072161 060561

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 --- (j) Tubing 671 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 476 (g) Corrected 476 (h) P_t 476 (i) Gravity .729

G. L. = 3936 $1-e^{-s} =$.249 $(F_c Q)^2 =$ 40.870

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 10177 $P_t^2 =$ 226576 $P_w^2 =$ 236733

$Q = \frac{\text{_____}}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \text{_____} = \text{_____}$ 680

$D = Q \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) = \frac{1.5801}{1.4090} = \text{_____}$ 958

An Intermittent was installed. Turned back on production 6-22-61.

SUMMARY

$P_c =$ 671 psia
 $Q =$ 680 MCF/D
 $P_w =$ 487 psia
 $P_d =$ 336 psia
 $D =$ 958 MCF/D

Company EL PASO NATURAL GAS COMPANY
By E. L. Kendrick
Title Gr. Gas Engineer
Witnessed By _____
Company _____



<u>597</u>	<u>597</u>				

1890

1891

1892

1893

1894

1895

1896

1897

1898

1899

1900

1901

1902

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