

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

FORM 2-122-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.)

Initial
Deliverability Test

Pool Basin Formation Dakota County San Juan
Well Name Florence No. 10-C 73-067
Unit H S 30 T 28 R 8 Pay Zone 6616 To 6754 Flow String Tubing
Casing O D 4-1/2 Wt 11.6 Set at 6837 Tubing O D 2-3/8 Wt 4.7 L 6732 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 12-3-61

To 12-11-61

8-5-61

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 1976 (j) Tubing 1335 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia

Chart 504 (g) Corrected 504 (h) P_t 504 (i) Gravity .657

G. L. = 4423 $1-e^{-s} =$.273 $(F_c Q)^2 =$ 10.459

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 2876 $P_t^2 =$ 254016 $P_w^2 =$ 256092

$Q = \frac{344}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{344}{344} \right] = 344$

$D = Q \frac{344}{\left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{1336001}{1925333} \right]^N = \frac{.8758}{.9053} \right)} = 311$

SUMMARY

$P_c =$ 1335 psia
 $Q =$ 344 MCF/D
 $P_w =$ 507 psia
 $P_d =$ 668 psia
 $D =$ 311 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Dr. Gas Engineer
Witnessed By _____
Company _____



1870

1871

1872

1873

1874

1875

1876

1877

1878

1879

1880

1881

1882

1883

1884

1885

1886

1887

1888

1889

1890

1891

1892

1893

1894

1895

1896

1897

1898

1899

1900