

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County SJ
Well Name HUERFANO UNIT #171 75626
Unit D S 36 T 26 R 10 Pay Zone 656E To 6648 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6711 Tubing O D 2.375 I D 1.995 L 6610 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia _____ Period Of Test Flow From 07-06-67 To 07-14-67 SIP Measured 06-01-67

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 1843 (j) Tubing 1859 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia _____
Chart 429 (g) Corrected 429 (h) p_f 429 (i) Gravity .678

G. L. = 4482 1-e^{-s} = .278 F_c 9.402 (F_cQ)² 250.969 ^{250.980}

(1-e^{-s}) (F_cQ)² = R² = 69769 P_i² = 184041 P_w² = 253810 ³

$$Q = \frac{1685}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1685$$

$$D=Q \times \left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n = \left[\frac{2590981}{3202071} \right]^n = \left(\frac{.8091}{.8531} \right)^n = 1437$$

REMARKS

New Well First Delivered 6-16-67.



OK

SUMMARY

P_c = 1859
Q = 1685
P_w = 504
P_d = 930
D = 1437

Company EL PASO NATURAL GAS CO
By H. E. Kendrick, P.E.
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____

67214

75626

2938

ADK1A

11243

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000

10000



10000

10000

10000

10000

10000

10000

10000

10000

10000

10000