

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County SJ
Well Name HUERFANITO UNIT #90 DK 75267
Unit B S 1 T 26R 9 Pay Zone 6314 To 6376 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 6590 Tubing O D 2.375 I D 1.995 L 6362 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
50 From 02-10-66 To 02-18-66 09-29-65

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 2037 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) P_f 533 (i) Gravity .657

G. L. = 4180 1-e^{-s} = .262 F_c 9.402 (F_cQ)² 77.440

(1-e^{-s}) (F_cQ)² = R² = 20289 P_f² = 284089 P_w² = 304378

Q = $\frac{936}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 936$

D=Q 936 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{3111008}{3844991} \right]^n = \frac{(.8091)^n}{.8531} = 799$

REMARKS

New Well - 1st Del. 1-26-66.

SUMMARY

P_c = 2037
Q = 936
P_w = 552
P_d = 1019
D = 799

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



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75267
1483

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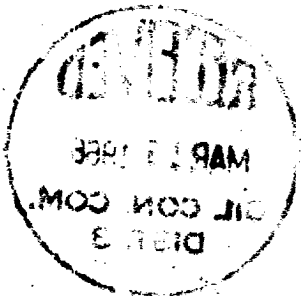
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