

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

Pool DAKOTA Formation BASIN County SJ
Well Name HUERFANO UNIT #145 75287
Unit 0 S 35 T 26 R 10 Pay Zone 6654 To 6700 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6715 Tubing O D 2.375 I D 1.995 L 6665 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 03-05-66 To 03-13-66 SIP Measured 01-18-65

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 1839 (j) Tubing 1840 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) p_f 490 (i) Gravity .682

G. L. = 4546 1-e^{-s} = .281 F_c 9.402 (F_cQ)² 231.983

(1-e^{-s}) (F_cQ)² = R² = 65187 P_i² = 240100 P_w² = 305287

Q = $\frac{1620}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1620$

D=Q $\frac{1620}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{2539200}{3080313} \right]^n = \frac{(.8243)^n}{.8651} = 1401$

REMARKS

New Well - First Delivered 2-11-66.



SUMMARY

P_c = 1840
Q = 1620
P_w = 553
P_d = 920
D = 1401

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

66096

75287

1877

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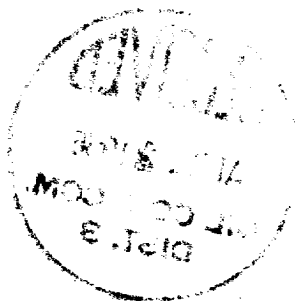
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