

Initial
Perforability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BLANCO Formation MV County SJ
Well Name HUERFANITO UNIT #86 MV 75282
Unit L S 35 T 27R 9 Pay Zone 4424 To 4354 Flow String TUBING
Casing O.D. 5.500 I.D. 4.950 Set at 6700 Tubing O.D. 1.660 I.D. 1.380 L 4412 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
80 From 02-26-66 To 03-26-66 07-26-65

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 1142 (j) Tubing 1142 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 540 (g) Corrected 540 (h) p_f 540 (i) Gravity .675

G. L. = 2978 1-e^{-s} = .195 F_c 24.621 (F_cQ)² 767.235

(1-e^{-s}) (F_cQ)² = R² = 149611 P₁² = 291600 P₂ = 441211

Q = $\frac{1125}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1125$

D=Q $\frac{1125}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[\frac{468768}{862953} \right]^n = \left(\frac{.5432}{.6327} \right)^n = 712$

REMARKS

New Well-First Delivery 2-11-66.

SUMMARY

P_c = 1142
Q = 1125
P_{vr} = 664
P_{ci} = 914
D = 712

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



56081

75282

1692



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