

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 #155 75617
Unit E S 17 T 26 R 9 Pay Zone 6512 To 6608 Flow String TUEING
Casing O D 4.500 I D 4.052 Set at 6736 Tubing O D 2.375 I D 1.995 L 6568 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 06-25-67 To 07-03-67 SIP Measured 04-19-67

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 1951 (j) Tubing 1975 (k) 0008 (e) C (f)

7 Day-Avg. Flowing Pres., psia
Chart 423 (g) Corrected 423 (h) P_f 423 (i) Gravity .678

G. L. = 4453 1-e^{-s} = .277 F_c 9.402 (F_cQ)² 5.794

(1-e^{-s}) (F_cQ)² = R² = 1605 P₁² = 178929 P₂² = 180534

Q = $\frac{256}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 256$

D=Q $\frac{256}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[\frac{2924481}{3720091} \right]^n = \frac{(.7861)^n}{.8348} = 214$

REMARKS

New Well - First Delivered 6-8-67



SUMMARY

P_c = 1975
Q = 256
P_w = 425
P_d = 988
D = 214

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

75617

2873

