

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 #158 75623
Unit ES 8 T 26R 5 Pay Zone 6512 To 6608 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6895 Tubing O D 2.375 I D 1.995 L 6732 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 07-03-67 To 07-11-67 SIP Measured 04-12-67

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 1989 (j) Tubing 1988 (k) 0008 (e) C (f)

7 Day-Avg. Flowing Pres., psia
Chart 436 (g) Corrected 436 (h) p_i 436 (i) Gravity .678

G. L. = 4564 1-e^{-s} = .282 F_c 9.402 (F_cQ)² 69.856

(1-e^{-s}) (F_cQ)² = R² = 19699 P₁² = 190096 P₂² = 209795

$Q = \frac{889}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 889$

$D=Q \frac{889}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \frac{(2966096)}{(3746326)} = \frac{(.7917)^n}{.8393} = 746$

REMARKS

New Well - First Delivered 6-12-67



SUMMARY

P_c = 1989 Company EL PASO NATURAL GAS CO
Q = 889 By H. L. Kendrick
P_w = 458 Title H. L. KENDRICK, P.E. by TBE
P_d = 555 Area Gas Well Test Engineer
D = 746 Witnessed By
Company

75623

2934

