

Initial
Deliverability Test

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

Pool EASIN Formation DAKOTA County SJ
Well Name HUERFANO UNIT #132 75627
Unit P S 26 T 26 R 10 Pay Zone 5633 To 6717 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6753 Tubing O D 2.375 I D 1.995 L 6704 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 07-06-67 To 07-14-67 SIP Measured 06-06-67

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia
Casing 1843 (j) Tubing 1807 (k) Meter Error 0.0006 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 429 (g) Corrected 429 (h) P₁ 429 (i) Gravity .678

G. L. = 4545 I-e ⁻⁵ = .281 F_c 9.402 (F_cQ)² 538.426

(1-e⁻⁵) (F_cQ)² = R² = 151298 P₁² = 184041 P₂² = 335339

Q = $\frac{2468}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 2468$

D=Q $\frac{2468}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[\frac{2546565}{3061310} \right]^n = \left[\frac{.8318}{.8710} \right]^n = 2150$

REMARKS

New Well First Delivered 7-16-67.



SUMMARY

P_c = 1843
Q = 2468
P_w = 579
P_d = 922
D = 2150

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

67214

75627

2935

