

Int.
Deliverability

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

Pool EASIN Formation LAKEOTA County SJ
Well Name HUERFANO UNIT #168 75634
Unit CS 23 T 26R 10 Pay Zone 6620 To 6726 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6762 Tubing O D 2.375 I D 1.995 L 6585 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 08-04-67 To 08-12-67 SIP Measured 06-28-67
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 1933 (j) Tubing 1936 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 449 (g) Corrected 449 (h) P_f 449 (i) Gravity .678
G. L. = 4465 1-e^{-s} = .277 F_c 9.402 (F_cQ)² 14.357
(1-e^{-s}) (F_cQ)² = R² = 3977 P₁² = 201601 P₂² = 205578
$$Q = \frac{403}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 403$$

$$D=Q \frac{403}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n} = \left[\frac{2811072}{3542518} \right]^n = \frac{(.7935)^n}{.8407} = 339$$

REMARKS

New Well First Delivered 7-21-67.



SUMMARY

P_c = 1936
Q = 403
P_w = 453
P_d = 968
D = 339

Company EL PASO NATURAL GAS CO
By H. L. Kendrick, F.E. by 786
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company