

Initial
Delivered

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

Pool EASIN Formation DAKOTA County SJ
Well Name HUERFANO UNIT #163 75628
Unit D_S 19 T 26 R 9 Pay Zone 6466 To 6565 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6720 Tubing O D 2.375 I D 1.995 L 6460 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 06-08-67

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 1909 (j) Tubing 1917 (k) 0008 (e) 0 (f)

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

G. L. = 4380 1-e^{-s} = .273 F_c 9.402 (F_cQ)² 5.837

(1-e^{-s}) (F_cQ)² = R² = 1594 P_i² = 184041 P_w² = 185635

Q = $\frac{257}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 257$

D=Q $\frac{257}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{2755208}{3489254} = \frac{.7896}{.8376} = 215$

REMARKS

New Well First Delivered 6-22-67.



SUMMARY

P_c = 1917
Q = 257
P_w = 431
P_d = 959
D = 215

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

67228

75628

2936

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