

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

Pool Basin Formation Dakota County San Juan
Well Name Huerfanito Unit No. 80 75-259
Unit B S 10 T 26 R 9 Pay Zone 6421 To 6538 Flow String Tubing
Casing O D 5.500 I D 4.950 Set at 6749 Tubing O D 2.375 I D 1.995 L 6498 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
50 From 1-25-66 To 2-02-66 8-02-65

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 2037 (j) Tubing 2079 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) P_1 533 (i) Gravity .659

G. L. = 4282 $1-e^{-s} =$.268 F_c 9.402 $(F_c Q)^2$ 42.328

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 11344 $P_1^2 =$ 284089 $P_2^2 =$ 295433

$Q = \frac{692}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{692}{1} = 692$

$D=Q \frac{692}{1} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{3240641}{4026808} \right]^n = \left(\frac{.8047}{.8497} \right)^n = 588$

REMARKS

New Well

1st Del. 1-06-66.

SUMMARY

$P_c =$ 2079
 $Q =$ 692
 $P_w =$ 544
 $P_d =$ 1040
 $D =$ 588

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Senior Gas Engineer
Witnessed By _____
Company _____



