

Initial
Deliverability Test

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

Pool WEST KUTZ Formation PC County SJ
Well Name HUERFANO UNIT #17 X 75445
Unit B S 31 T 27 R 10 Pay Zone 1638 To 1652 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 1733 Tubing O D NONE I D L Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
30 From 10-30-66 To 11-07-66 07-20-66

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 282 (J) Tubing (k) 0000 (e) C (f)

7 Day-Avg. Flowing Pres., psia
Chart 231 (g) Corrected 231 (h) p_f 231 (i) Gravity .627

G. L. = 1027 $1-e^{-s}$ = .072 F_c 5.551 $(F_c Q)^2$ 7.734

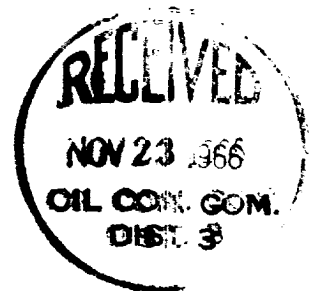
$(1-e^{-s}) (F_c Q)^2 = R^2$ = 557 p_i^2 = 53361 p_w^2 = 53918

$Q = \frac{501}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = 501$

$D=Q \times \left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_d^2)} \right]^n = \left[\frac{28448}{25606} \right]^n = \frac{(1.1109)^n}{1.0935} = 548$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN USED CURYEAR SIP
New Well First Delivered 10-18-66.



SUMMARY

P_c = 282
 Q = 501
 P_w = 232
 P_d = 226
 D = 548

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

66322

75445

5577