

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

Pool BLANCO Formation MV County SJ
Well Name HUERFANITO UNIT #87 MV 75273
Unit K S 1 T 26 R 9 Pay Zone 4240 To 4274 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 6583 Tubing O D 1.660 I D 1.380 L 4208 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
80 From 02-18-66 To 02-26-66 05-10-65
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 1147 (j) Tubing 1147 (k) 0006 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 563 (g) Corrected 563 (h) P_t 563 (i) Gravity .664
G. L. = 2794 $1-e^{-s}$ = .184 F_c 24.621 $(F_c Q)^2$ 1626.428
 $(1-e^{-s}) (F_c Q)^2 = R^2$ = 299263 P_i^2 = 316969 P_w^2 = 616232

$$Q = \frac{1638}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1638$$

$$D=Q \frac{1638}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{472885}{699377} \right]^n = \frac{(.6761)^n}{.7456} = 1221$$

REMARKS

New Well - 1st Del. 1-31-66.

SUMMARY

P_c = 1147
 Q = 1638
 P_w = 785
 P_d = 918
 D = 1221

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

HILL KENDRICK

AREA GAS WELL TEST ENGINEER



66067

75273

1494

100

100

1000

1000

1000 1000 1000 1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000 1000 1000 1000

1000 1000 1000 1000

1000 1000

1000 1000

1000 1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000 1000

1000 1000

1000

1000

1000

1000

1000

1000

1000

1000

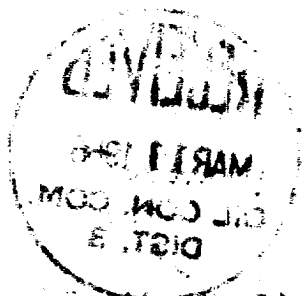
1000

1000

1000
1000

1000
1000

1000



1000 1000 1000 1000
1000 1000 1000 1000
1000 1000 1000 1000
1000 1000 1000 1000

1000

1000

1000

1000

1000

1000

1000

1000