

Initial
Deliverability Test

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

Pool ELANCE Formation MV County SJ
Well Name HUBBARD #2 70947
Unit E S 30 T 32 R 11 Pay Zone 5290 To 5485 Flow String TUBING
Casing O D 7.000 I D 6.366 Set at 5290 Tubing O D 2.375 I D 1.995 L 5410 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 07-10-67 To 07-18-67 06-01-67

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 770 (j) Tubing 781 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 476 (g) Corrected 476 (h) p_t 476 (i) Gravity .677

G. L. = 3663 $1-e^{-s} =$.234 $F_c =$ 9.402 $(F_c Q)^2 =$ 88.228

$(1-e^{-s}) (F_c Q)^2 = R^2 =$ 20645 $P_1^2 =$ 226576 $P_2^2 =$ 247221

$Q = \frac{999}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 999$

$D=Q \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{219336}{362740} \right]^n = \left(\frac{.6046}{.6856} \right)^n = 685$

REMARKS

First Delivered After OWWO 6-21-67.



SUMMARY

$P_c =$ 781
 $Q =$ 999
 $P_w =$ 497
 $P_d =$ 625
 $D =$ 685

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

67214

70947

3001