

Inn.
Deliverability

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

Pool BLANCO Formation MV County SJ
Well Name HOWELL L #3 70053
Unit M S35 T 30 R 8 Pay Zone 4473 To 5155 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5230 Tubing O D 2.875 I D 1.995 L 5137 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 11-06-67 To 11-14-67 SIP Measured 09-28-67

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 870 (j) Tubing 870 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .671

G. L. = 3447 $1-e^{-s} = .222$ $F_c = 9.402$ $(F_c Q)^2 = 299.913$

$(1-e^{-s}) (F_c Q)^2 = R^2 = 66581$ $P_1^2 = 240100$ $P_2^2 = 306681$

$Q = \frac{1842}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1842$

$D=Q \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \frac{272484}{450219} = \frac{.6052}{.6862} = 1264$

REMARKS

First Delivered after OWWO 10-11-67.



SUMMARY

P_c = 870
Q = 1842
P_w = 554
P_d = 696
D = 1264

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

70053