

Initial
Deliverability Test

FORM C-122-A
EL PASO 8-1-65

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

Pool BASIN Formation DAKOTA County SJ
Well Name HUERFANITO UNIT #97 75325
Unit L 24 T 27 R 9 Pay Zone 6474 To 6616 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6741 Tubing O D 2.375 I D 1.995 L 6647 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc 50 Comm. Designated Pc, psia Period Of Test Flow From 04-23-66 To 05-01-66 SIP Measured 11-22-65
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 2144 (j) Tubing 1947 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 533 (g) Corrected 533 (h) P_t 533 (i) Gravity .700
G. L. = 4653 1-e^{-s} = .287 F_c 9.402 (F_cQ)² 115.283
(1-e^{-s}) (F_cQ)² = R² = 33086 P_i² = 284089 P_w² = 317175
Q = $\frac{1142}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1142$
D=Q $\frac{1142}{\left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n} = \frac{3447552}{4279561} = \frac{.8055}{.8503} = 971$

REMARKS

New Well.

First Delivered: 4-05-66.



SUMMARY

P_c = 2144
Q = 1142
P_w = 563
P_d = 1072
D = 971

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

H. L. WENDRICK

AREA GAS WELL TEST ENGINEER

66137

75325

3335

