

Initial
Deliverability Test

FORM C-122-A
EL PASO 9-1-64

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

Pool BLANCO Formation MY County 1
Well Name HERRANITO UNIT #19 MY 75048
Unit S 26 T 7 R 9 Pay Zone 4374 To 4468 Flow String TUBING
Casing O D 5.5 I D 4.950 Set at 6810 Tubing O D 1.900 I D 1.610 L 4741 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 04-04-65 To 04-12-65 SIP Measured 12-4-64

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 1065 (J) Tubing 1084 (k) 0000 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) F_t 483 (i) Gravity .684

G. L. = 2901 1-e⁻⁵ = .190 F_c 16.461 (F_cQ)² 307.757

(1-e⁻⁵) (F_cQ) / R² = 69874 P_i² = 233289 P_w² = 307163

$$Q = \frac{1165}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = 1.0000 = 1165$$

$$D=Q \frac{1165}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{423801}{874062} = \frac{(.6848)^n}{.6810} = 77$$

REMARKS

SUMMARY

P_c = 1085
Q = 1165
P_w = 551
P_d = 868
D = 677

Company EL PASO NATURAL GAS CO
By M.L. KENDRICK
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company

65124

LF

75048

2905

