

Initial
Deliverability Test
Jill

FORM C-12
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 HUERFANO UNIT #148 75452
Unit D S 1 T 25 R 10 Pay Zone 6668 To 6713 Flow String TUBING
Casing O D 4.509 I D 4.052 Set at 6739 Tubing O D 2.375 I D 1.995 L 6690 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
50 From 12-02-66 To 12-10-66 08-03-66

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 1909 (j) Tubing 1915 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 477 (g) Corrected 477 (h) p_1 477 (i) Gravity .704

G. L. = 4710 $1-e^{-s}$ = .290 F_c 9.402 $(F_c Q)^2$ 19.607

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 5686 P_1^2 = 227529 P_2^2 = 233215

$Q = \frac{471}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 471$

$D=Q \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{2749461}{3434010} \right]^n = \frac{(.8006)^n}{.8464} = 399$

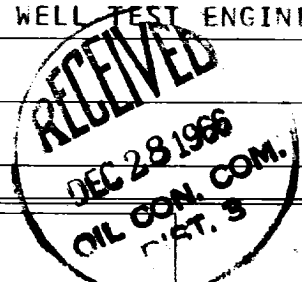
REMARKS

New Well First Delivered 11-1-66.

SUMMARY

P_c = 1915
 Q = 471
 P_w = 483
 P_d = 958
 D = 399

Company EL PASO NATURAL GAS CO
By H.V. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____



66355

75452

5674

