

Initial
Deliverability Test

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

Pool BLANCO Formation MV County SJ
Well Name NEIL #5 70460
Unit N S 14 T 31 R 11 Pay Zone 4132 To 4793 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 4818 Tubing O D 2.375 I D 1.995 L 4720 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 08-28-65 To 09-05-65 SIP Measured 07-21-65

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 895 (j) Tubing 895 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .662

G. L. = 3125 1-e^{-s} = .203 F_c 9.402 (F_cQ)² 25.685

(1-e^{-s}) (F_cQ)² = R² = 5214 P_i² = 240100 P_w² = 245314

Q = $\frac{539}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 539$

D=Q 539 $\times \left[\frac{(P_c^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n = \left[\frac{288369}{555711} \right]^n = \left(\frac{.5189}{.6114} \right)^n = 330$

REMARKS

OWWO Re - first Delivered August 10, 1965.



SUMMARY

P_c = 895
Q = 539
P_w = 495
P_d = 716
D = 330

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

65277

1F

70460

4812