

Initial
Deliverability Test

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

Pool BLANCO Formation MV County SJ
Well Name FIELDS #2 70459
Unit N 25 T 32 R 11 Pay Zone 4944 To 5448 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5481 Tubing O D 2.375 I D 1.995 L 5388 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 09-13-65 To 09-21-65 SIP Measured 08-06-65

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 956 (j) Tubing 956 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 496 (g) Corrected 496 (h) P_f 496 (i) Gravity .640

G. L. = 3448 1-e = .222 F_c 9.402 (F_cQ)² 93.238

(1-e) (F_cQ)² = R² = 20699 P₁² = 246016 P₂² = 266715

$$Q = \frac{1027}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1027$$

$$D=Q \times \frac{1027}{\left[\frac{(P_1^2 - P_2^2)}{(P_c^2 - P_2^2)} \right]^n} = \frac{328711}{647221} = \frac{(.5078)^n}{.6015} = 618$$

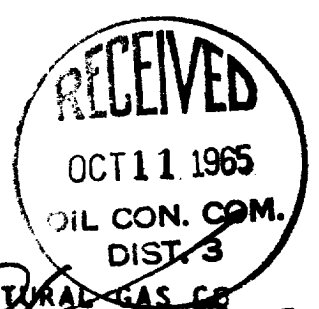
REMARKS

OWWO 1st Delivered August 26, 1965.

SUMMARY

P_c = 956
Q = 1027
P_w = 516
P_d = 765
D = 618

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



65277					

70459
4935