

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 #3 70823
Unit G S 29 T 32 R 11 Pay Zone 5045 To 5857 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5890 Tubing O D 2.375 I D 1.995 L 5847 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 07-23-66 To 07-31-66 SIP Measured 06-21-66

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 782 (J) Tubing 782 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .675

G. L. = 3947 1-e^{-s} = .249 F_c 9.402 (F_cQ)² 73.359

(1-e^{-s}) (F_cQ)² = R² = 18266 P_f² = 240100 P_w² = 258366

Q = $\frac{911}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 911$

D=Q $\frac{911}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{219648}{353158} = \frac{(.6219)^n}{.7003} = 638$

REMARKS

First Delivery after OWWO 7-6-66



SUMMARY

P_c = 782
Q = 911
P_w = 508
P_d = 626
D = 638

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

66243

70823

4664

