

Initial
Deliverability Test

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

Pool BLANCO Formation KV County SJ
Well Name JONES #1 70448
Unit B S 35 T 29 R 8 Pay Zone 4544 To 5212 Flow String TUBING
Casing O D 5.000 I D 4.408 Set at 7443 Tubing O D 2.375 I D 1.995 L 5195 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 80 Period Of Test Flow From 04-12-67 To 04-20-67 SIP Measured 03-10-67

Deadweight Flowing Pressure, psia

Flowing Pressure, psia

Casing 743 (a) Tubing 732 (b) Meter 0008 (c) Chart C (d)

Deadweight Shut-In Pressures, psia

Meter Error

Friction Loss

Casing 743 (j) Tubing 732 (k) 0008 (e) C (f)

7 Day-Avg. Flowing Pres., psia

Chart 512 (g) Corrected 512 (h) P_t 512 (i) Gravity .679

G. L. = 3527 1-e^{-s} = .226 F_c 9.402 (F_cQ)² 22.544

(1-e^{-s}) (F_cQ)² = R² = 5095 P_t² = 262144 P_w² = 267239

Q = 505 (integrated) × $\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = 505$

D=Q 505 × $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{199213}{284810} \right]^n = \frac{(.6994)^n}{.7648} = 386$

REMARKS

Installed Intermittent 3-20-67.



SUMMARY

P_c = 743
Q = 505
P_w = 517
P_d = 554
D = 386

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

67128

70448

1551

