

Initial
Deliverability Test

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

Pool BLANCO Formation MV County SJ
Well Name SJ 22-9 UNIT #49 71959
Unit B S 23 T 32 R 10 Pay Zone 5997 To 6021 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 5974 Tubing O D 2.375 I D 1.995 L 5933 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 05-08-67 To 05-16-67 SIP Measured 05-20-66

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 575 (j) Tubing 574 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 491 (g) Corrected 491 (h) p_f 491 (i) Gravity .635

G. L. = 3767 1-e^{-s} = .240 F_c 9.402 (F_cQ)² 13.447

(1-e^{-s}) (F_cQ)² = R² = 3227 P_i² = 241081 P_w² = 244308

$$Q = \frac{390}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 390$$

$$D=Q \times \left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{119025}{86317} \right]^n = \frac{(1.3789)^n}{1.2725} = 496$$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.

Installed Intermittent 4-10-67

OK



SUMMARY

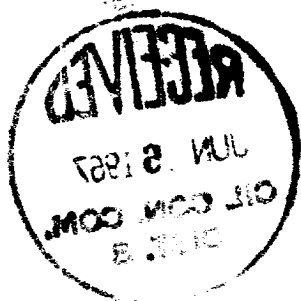
P_c = 575
Q = 390
P_w = 494
P_d = 460
D = 496

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

67149

71959

2130



RECEIVED JUN 2 1957 OIL CO. INC. E. TEXAS

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