

Initial
Deliverability Test

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

Pool BLANCO Formation MV County RA
Well Name SJ 29-6 UNIT #12 70153
Unit H S 6 T 29 R 6 Pay Zone 5490 To 5994 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6043 Tubing O D 2.375 I D 1.995 L 5931 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 11-30-65 To 12-08-65 SIP Measured 10-29-65

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 916 (j) Tubing 909 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .692
G. L. = 4104 1-e^{-s} = .258 F_c 9.402 (F_cQ)² 213.189

(1-e^{-s}) (F_cQ)² = R² = 55003 P_i² = 240100 P_d² = 295103

Q = 1553 (integrated) × $\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = 1.0000$ = 1553

D=Q 1553 × $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_i^2)} \right]^n = \left[\frac{301767}{543953} \right]^n = \frac{(.5547)^n}{.6428} = 998$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.

SUMMARY

P_c = 916
Q = 1553
P_w = 543
P_d = 733
D = 998

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

65350

RECEIVED
DEC 23 1965
OIL CON.
DIST.

70153
5375