

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 30-6 UNIT #97 70946
Unit G S 27 T 30 R 7 Pay Zone 5345 To 5924 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5953 Tubing O D 2.375 I D 1.995 L 5909 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 12-08-65 To 12-16-65 SIP Measured 11-08-65

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 776 (j) Tubing 744 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .661

G. L. = 3906 1-e^{-s} = .247 F_c 9.402 (F_cQ)² 26.843

(1-e^{-s}) (F_cQ)² = R² = 6630 P_i² = 240100 P_w² = 246730

$$Q = \frac{551}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{551}{1.0000}$$

$$D=Q \frac{551}{\left[\frac{(P_c^2 - P_i^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{551}{\left[\frac{216535}{355446} \right]^n} = \frac{551}{\left(\frac{.6091}{.6895} \right)^n} = \frac{380}{.6895}$$

REMARKS

OWWO - 1st Delivered 11-16-65.



SUMMARY

P_c = 776
Q = 551
P_w = 497
P_d = 621
D = 380

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

66011							1F
							70946
							5402



UNIVERSITY OF CALIFORNIA

1961

1962

1963

1964

1965

1966

1967

1968