

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

Pool BLANCO Formation MV County RA
Well Name SJ 30-6 U PETERS #2 70378
Unit M S 11 T 30 R 7 Pay Zone 5079 To 5515 Flow String TUBING
Casing O D 7.000 I D 6.366 Set at 4985 Tubing O D 2.375 I D 1.995 L 5085 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 05-14-65 To 05-22-65 SIP Measured 03-02-65

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia
Casing (j) Tubing 890 (k) Meter Error 0008 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) P_f 483 (i) Gravity .637

G. L. = 3239 1-e -s = .210 F_c 9.402 (F_cQ)² 120.187

(1-e -s) (F_cQ)² = R² = 25239 P_i² = 233289 P_w² = 258528

Q = $\frac{1166}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = \frac{1.0000}{1.0000} = 1166$

D=Q $\frac{1166}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{285156}{533572} \right]^n = \frac{(.5344)^n}{.6250} = 729$

REMARKS

Perforated tubing at 5085 ft. Turned back on production 4-23-65.



SUMMARY

P_c = 890
Q = 1166
P_w = 508
P_d = 712
D = 729

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

65154

70378

3719

