

Initial
Deliverability Test
file

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 #16 86049
Unit N S 32 T 29 R 6 Pay Zone 5353 To 5938 Flow String TUBING
Casing O D 7.000 I D 6.456 Set at 5353 Tubing O D 2.375 I D 1.995 L 5890 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
80 From 12-07-66 To 12-15-66 06-29-66

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 820 (j) Tubing 805 (k) 0006 (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 505 (g) Corrected 505 (h) P_t 505 (i) Gravity .679
G. L. = 3999 1-e^{-s} = .252 F_c 9.402 (F_cQ)² 33.977

(1-e^{-s}) (F_cQ)² = R² = 8562³ P_i² = 255025 P_e² = 263587

Q = $\frac{620}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 620$

D=Q 620 $\times \left[\frac{(P_e^2 - P_d^2)}{(P_i^2 - P_d^2)} \right]^n = \left[\frac{242064}{408813} \right]^n = \left(\frac{.5921}{.6750} \right)^n = 419$

REMARKS

Installed Intermittent 11-14-66.

OK



SUMMARY

P_c = 820
Q = 620
P_w = 513
P_d = 656
D = 419

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

66362

8604
568

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