

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

Pool BASIN Formation DAKOTA County RA  
Well Name SJ 28-6 UNIT #116 75072  
Unit B S 33 T 28 R 6 Pay Zone 7739 To 7868 Flow String TUBING  
Casing O D 4.500 I D 4.052 Set at 7986 Tubing O D 2.375 I D 1.995 L 7586 Top Perf.  
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P<sub>c</sub> 50 Comm. Designated P<sub>c</sub>, psia \_\_\_\_\_ Period Of Test Flow \_\_\_\_\_ SIP Measured \_\_\_\_\_  
From 04-26-65 To 05-04-65 05-14-65

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 1982 (j) Tubing 1982 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia \_\_\_\_\_  
Chart 490 (g) Corrected 490 (h) P<sub>f</sub> 490 (i) Gravity .654

G. L. = 4961 1-e<sup>-s</sup> = .303 F<sub>c</sub> 9.402 (F<sub>c</sub>Q)<sup>2</sup> 160.149

(1-e<sup>-s</sup>) (F<sub>c</sub>Q)<sup>2</sup> = R<sup>2</sup> = 48525 P<sub>f</sub><sup>2</sup> = 240100 P<sub>w</sub><sup>2</sup> = 288625

$$Q = \frac{1346}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = 1346$$

$$D=Q \frac{1346}{\left[ \frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[ \frac{2946243}{3639699} \right]^n = \frac{(.8094)^n}{.8533} = 1149$$

REMARKS

SUMMARY

P<sub>c</sub> = 1982  
Q = 1346  
P<sub>w</sub> = 537  
P<sub>d</sub> = 991  
D = 1149

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



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