

NEW MEXICO OIL CONSERVATION COMMISSION

**GAS WELL TEST DATA SHEET - SAN JUAN BASIN**

Pool Basin Formation Dakota County Rio Arriba  
Well Name SJT 29-6 No. 77 86-507  
Unit II S 22 T 29 R 6 Pay Zone 7620 To 7777 Flow String Tubing  
Casing O D 1.500 I D 1.000 Set at 7815 Tubing O D 2.375 I D 1.995 L 7725 Top Perf.  
Operator EL PASO NATURAL GAS COMPANY 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 From 4-6-64 To 4-11-64 SIP Measured 12-23-63  
 \_\_\_\_\_  
 \_\_\_\_\_ 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 2767 (j) Tubing 2767 (k) \_\_\_\_\_ (e) \_\_\_\_\_ (f)  
 \_\_\_\_\_  
 \_\_\_\_\_ 7 Day-Avg. Flowing Pres., psia \_\_\_\_\_  
 Chart 540 (g) Corrected 540 (h) P<sub>f</sub> 540 (i) Gravity .590  
 \_\_\_\_\_  
 G. L. = 1550 1-e<sup>-as</sup> = .282 F<sub>c</sub> 9.402 (F<sub>c</sub>Q)<sup>2</sup> 20.286

$$(1 - e^{-s}) (F_c Q)^2 = R^2 = \underline{572} \quad P_i^2 = \underline{291600} \quad P_w^2 = \underline{297321}$$
$$Q = \frac{120}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} \right] = \underline{\quad\quad\quad} = \underline{479}$$
$$D=Q \quad \underline{.79} \quad \times \quad \left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[ \frac{5740833}{7358968} \right]^n = \left( \frac{.7801}{.8300} \right)^n = \underline{.398}$$

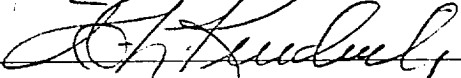
REMARKS

## SUMMARY

$P_c = 2767$   
 $Q = 1479$   
 $P_w = 515$   
 $P_d = 1384$   
 $D = 398$

EL PASO NATURAL GAS COMPANY

Company \_\_\_\_\_

By  \_\_\_\_\_

H. L. KENDRICK  
SENIOR GAS ENGINEER

Title \_\_\_\_\_

Witnessed By \_\_\_\_\_

Company \_\_\_\_\_



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