

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

Pool Basin Formation Dakota County San Juan  
Well Name San Jacinto No. 6 73-952  
Unit D S 20 T 29 R 10 Pay Zone 6326 To 6445 Flow String Tubing  
Casing O D 4.500 I D 4.052 Set at 6555 Tubing O D 2.375 I D 1.995 L 6313 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 50 Period Of Test Flow From 1-21-65 To 1-29-65 SIP Measured 12-31-64  
Deadweight Flowing Pressure, psia  
Casing (a) 1831 Tubing (b) 1835 Meter (c) 518 Chart (d) 674  
Deadweight Shut-In Pressures, psia  
Casing (j) 1831 Tubing (k) 1835 Meter Error (e) 518 Friction Loss (f) 674  
7 Day-Avg. Flowing Pres., psia  
Chart (g) 518 Corrected (h) 518 P<sub>f</sub> (i) 518 Gravity .674  
G. L. = 4255 1-e<sup>-s</sup> = .266 F<sub>c</sub> 9.402 (F<sub>c</sub>Q)<sup>2</sup> 40.158

(1-e<sup>-s</sup>) (F<sub>c</sub>Q)<sup>2</sup> = R<sup>2</sup> = 10682 P<sub>i</sub><sup>2</sup> = 268324 P<sub>e</sub><sup>2</sup> = 279006

$$Q = \frac{674}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} \right] = \frac{674}{1} = 674$$

$$D=Q \times \left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \left[ \frac{2524501}{3088219} \right]^n = \frac{(.8174)^n}{.8597} = 579$$

REMARKS

SUMMARY

P<sub>c</sub> = 1835  
Q = 674  
P<sub>w</sub> = 528  
P<sub>d</sub> = 918  
D = 579

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. KENDRICK  
SENIOR GAS ENGINEER

