

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

Pool BASIN Formation DAKOTA County RA  
Well Name SJ 29-6 UNIT #83 86520  
Unit M S 13 T 29 R 6 Pay Zone 7985 To 8080 Flow String TUBING  
Casing O D 4.500 I D 4.032 Set at 8110 Tubing O D 2.375 I D 1.995 L 7043 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 04-20-65 To 04-28-65 10-02-64

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 2441 (j) Tubing 2441 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia                       
Chart 462 (g) Corrected 462 (h) P<sub>f</sub> 462 (i) Gravity .578

G. L. = 4071 1-e<sup>-s</sup> = .256 F<sub>c</sub> 9.402 (F<sub>c</sub>Q)<sup>2</sup> 20.539

(1-e<sup>-s</sup>) (F<sub>c</sub>Q)<sup>2</sup> = R<sup>2</sup> = 5258 P<sub>i</sub><sup>2</sup> = 213444 P<sub>2</sub><sup>2</sup> = 218702

$$Q = \frac{482}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} \right] = \frac{1.0000}{1.0000} = \frac{1.0000}{482}$$

$$D=Q \frac{482}{\left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[ \frac{4467640}{5739779} \right]^n = \frac{(.7783)^n}{.8286} = 399$$

REMARKS

## SUMMARY

P<sub>c</sub> = 2441  
Q = 482  
P<sub>w</sub> = 468  
P<sub>d</sub> = 1221  
D = 399

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

65131

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