

Initial  
Deliverability Test

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

Pool Blanco Formation Mesa Verde County San Juan  
Well Name San Juan Unit 32-9 No. 24 70-801  
Unit A S 5 T 31 R 9 Pay Zone 5492 To 5896 Flow String Tubing  
Casing O D 5.500 I D 4.950 Set at 5941 Tubing O D 2.375 I D 1.995 L 5846 Top Perf.  
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P<sub>c</sub> 80 Comm. Designated P<sub>c</sub>, psia                      Period Of Test Flow From 12-23-63 To 12-31-63 SIP Measured 11-20-63

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                      (j) Tubing 828 (k)                      (e)                      (f)

7 Day-Avg. Flowing Pres., psia                       
Chart 497 (g) Corrected 497 (h) P<sub>1</sub> 497 (i) Gravity .630

G. L. = 3683 1-e<sup>-3</sup> = .235 F<sub>c</sub> 9.402 (F<sub>c</sub>Q)<sup>2</sup> 3.787

(1-e<sup>-3</sup>) (F<sub>c</sub>Q)<sup>2</sup> = R<sup>2</sup> = 890 P<sub>1</sub><sup>2</sup> = 247009 P<sub>2</sub><sup>2</sup> = 247899

$$Q = \frac{207}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} \right] = \frac{207}{1} = 207$$

$$D=Q \frac{207}{\left[ \frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \frac{207}{\left[ \frac{247340 - 247685}{247340 - 247685} \right]^n} = \frac{65651}{.6520} = 135$$

REMARKS

SUMMARY

P<sub>c</sub> = 828  
Q = 207  
P<sub>w</sub> = 498  
P<sub>d</sub> = 662  
D = 135

Company EL PASO NATURAL GAS COMPANY  
By H. L. Kendrick  
Title SENIOR GAS ENGINEER  
Witnessed By                       
Company                     



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