

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

Pool BLANCO Formation MV County SJ  
Well Name WALKER #1 70434  
Unit H S 31 T 31 R 9 Pay Zone 5146 To 5654 Flow String TUBING  
Casing O D 4.500 I D 4.052 Set at 5743 Tubing O D 2.375 I D 1.995 L 5659 Top Perf.  
Operator EL PASO NATURAL GAS CO 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 07-17-65 To 07-25-65 SIP Measured 06-14-65

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 911 (j) Tubing 912 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia                       
Chart 483 (g) Corrected 483 (h) P<sub>f</sub> 483 (i) Gravity .687

G. I. = 3888 1-e<sup>-s</sup> = .246 F<sub>c</sub> 9.402 (F<sub>c</sub>Q)<sup>2</sup> 203.148

(1-e<sup>-s</sup>) (F<sub>c</sub>Q)<sup>2</sup> = R<sup>2</sup> = 49974 P<sub>f</sub><sup>2</sup> = 233289 P<sub>w</sub><sup>2</sup> = 283263

Q =  $\frac{1516}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1516$

D=Q  $\frac{1516}{\left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{298844}{548481} = \frac{(.5448)^n}{.6341} = 961$

REMARKS



SUMMARY

P<sub>c</sub> = 912  
Q = 1516  
P<sub>w</sub> = 532  
P<sub>d</sub> = 730  
D = 961

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

65221

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