

Initial  
Deliverability TestFORM C-122-A  
EL PASO 9-1-64NEW MEXICO OIL CONSERVATION COMMISSION  
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool TAPACITO Formation PC County RA  
Well Name SJ 27-9 UNIT 895 75060  
Unit M S 15 T 27 R 5 Pay Zone 3406 To 3436 Flow String CASING  
Casing O D 2.075 I D 2.441 Set at 3936 Tubing O D NONE I D        L        Top Perf.         
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P<sub>c</sub> 86 Comm. Designated P<sub>c</sub>, psia        Period Of Test Flow From 04-09-65 To 04-17-65 SIP Measured 07-08-64

Deadweight Flowing Pressure, psia  
Casing        (a) Tubing        (b) Meter        (c) Chart        (d)  
Deadweight Shut-In Pressures, psia  
Casing 1000 (j) Tubing        (k) Meter Error 0006 (e) Friction Loss 0 (f)  
7 Day-Avg. Flowing Pres., psia  
Chart 555 (g) Corrected 555 (h) P<sub>f</sub> 555 (i) Gravity .659

G. L. = 2246 1-e<sup>-s</sup> = .191 F<sub>c</sub> 5.551 (F<sub>c</sub>Q)<sup>2</sup> 6.922

(1-e<sup>-s</sup>) (F<sub>c</sub>Q)<sup>2</sup> = R<sup>2</sup> = 1045 P<sub>i</sub><sup>2</sup> = 308025 P<sub>2</sub><sup>2</sup> = 309070

$$Q = \frac{474}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 474$$

$$D=Q \frac{474}{\left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[ \frac{360000}{5749} \right]^n = \frac{(.5210)^n}{.5749} = 272$$

REMARKS

## SUMMARY

P<sub>c</sub> = 1000  
Q = 474  
P<sub>w</sub> = 556  
P<sub>d</sub> = 800  
D = 272

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



65131

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75060

3040