

Initial  
Deliverability Test

FORM C-122-A  
EL PASO 11-1-62

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

Pool Aztec Formation Pictured Cliffs County San Juan  
Well Name Sunray No. 2-E (PG) 72-676  
Unit L S 9 T 30 R 10 Pay Zone 2996 To 3020 Flow String Tubing  
Casing O D 7.625 I D 6.969 Set at 3206 Tubing O D 1.660 I D 1.380 L 3006 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 8-13-64 To 8-21-64 SIP Measured 6-26-64

Deadweight Flowing Pressure, psia  
Casing \_\_\_\_\_ (a) Tubing \_\_\_\_\_ (b) Meter \_\_\_\_\_ (c) Chart \_\_\_\_\_ (d) Flowing Pressure, psia

Deadweight Shut-In Pressures, psia  
Casing 623 (j) Tubing 623 (k) Meter Error \_\_\_\_\_ (e) Friction Loss \_\_\_\_\_ (f)

7 Day-Avg. Flowing Pres., psia  
Chart 228 (g) Corrected 228 (h) p<sub>1</sub> 228 (i) Gravity .675

G. L. = 2029 1-e<sup>-s</sup> = .137 Fc 24.62 (FcQ)<sup>2</sup> 53.832

(1-e<sup>-s</sup>) (FcQ)<sup>2</sup> = R<sup>2</sup> = 7375 P<sub>1</sub><sup>2</sup> = 51984 P<sub>2</sub><sup>2</sup> = 59359

Q =  $\frac{298}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} \right] = 298$

D=Q  $\frac{298}{\left[ \frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[ \frac{110125}{328770} \right]^n = \frac{(.4262)^n}{.4841} = 114$

REMARKS

Repair Packer Leakage



SUMMARY

P<sub>c</sub> = 623  
Q = 298  
P<sub>w</sub> = 244  
P<sub>d</sub> = 498  
D = 114

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