

Initial  
Deliverability Test

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

FORM C-122-A  
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON  
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Basin Formation Dakota County San Juan  
Well Name Lacey No. 16-B 73-073  
Unit B S 20 28 9 Pay Zone 6553 To 6673 Flow String Tubing  
Casing O D 4-1/2 Wt 10.5 Set at 6758 Tubing O D 2-3/8 Wt 4.7 L 6626 Top Perf.  
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. Period of test flow SIP Measured  
From 11-29-61 To 12-7-61 8-5-61

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 1937 (j) Tubing 1937 (k) (e) (f)

7 Day Avg. Flowing Pres., psia  
Chart 497 (g) Corrected 497 (h)  $P_t$  497 (i) Gravity .682

G. L. = 4519  $1-e^{-s} =$  .280  $(F_c Q)^2 =$  153.562

$(1-e^{-s})(F_c Q)^2 = R^2 =$  42997  $P_i^2 =$  247009  $P_w^2 =$  290006

$Q =$  1318 (integrated)  $\times \left[ \sqrt{\frac{(c)}{(d)}} \right] =$  1318

$D = Q$  1318  $\times \left( \left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) =$  .8559  $=$  1128

SUMMARY

$P_c =$  1937 psia  
 $Q =$  1318 MCF/D  
 $P_w =$  539 psia  
 $P_d =$  969 psia  
 $D =$  1128 MCF/D

Company EL PASO NATURAL GAS COMPANY  
By H. L. Kendrick  
Title Sr. Gas Engineer  
Witnessed By \_\_\_\_\_  
Company \_\_\_\_\_



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1870

1871

1872

1873

1874

1875

1876