

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

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

Initial  
Deliverability Test

74827 Pool UNDESIGNATED Lease CANYON LARGO No. 69  
Formation CN Unit L S 15 T 25 R 06 Pay Zone 3400 to 3510 Cty. RA  
Casing - OD 7625 Wt. 2640 Set at 3584 Tubing - OD 2000 Wt. 9470 L 3492 (T. Perf.)  
Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow  
From 0629589 To 070759 S.I.P. Measured 942759 Prod. String O.D. 2.000

Deadweight Flowing Pressure, psia  
Casing        (a) Tubing        (b) Meter        (c) Wt. 4.70

Flowing Pressure, psia  
Chart        (d) Tubing 871 (k) Casing 877 (j) Length 3492

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 483 (g) Corrected 483 (h)

FRICTION CALCULATION

Grav. .685  $P_t =$  483 (i)  $GL =$  2392  $(1-e^{-x}) =$  .160

$(F_c Q)^2 =$  14070  $(1-e^{-x})(F_c Q)^2 = R^2 =$  2251  $P_t^2 =$  233289  $P_w^2 =$  235540

FLOW RATE CALCULATION

$Q =$  399 (integrated)  $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$  399

DELIVERABILITY CALCULATION

$D = Q$  399  $\times \left( \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.0860}{1.0733} =$  428

SUMMARY

$P_c =$  871  
 $Q =$  399  
 $P_w =$  485  
 $P_d =$  436  
 $D =$  428

D at 250 or 500 503

Note:  
250 # for P.C.  
500 # for M.V.

Company EL PASO NATURAL GAS CO.  
By H. L. KENDRICK  
Title GAS ENGINEER  
Witnessed By         
Company       



