

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

72636 Pool UNDESIGNATED Lease CANYON LARGO DK No. 89
 Formation DK Unit M S 17 T 24 R 06 Pay Zone 6416 to 6458 Cty. RA
 Casing - OD 5500 Wt. 1350 Set at 6654 Tubing - OD 2000 Wt. 0470 L 6302 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow		S.I.P. Measured	Prod. String
From	<u>081560</u>	To <u>082260</u>	O.D. <u>2.000</u>
Deadweight Flowing Pressure, psia			
Casing	<u> </u> (a)	Tubing <u> </u> (b)	Meter <u> </u> (c)
Wt. <u>4.70</u>			
Flowing Pressure, psia		Deadweight Shut-in Pressure, psia	
Chart	<u> </u> (d)	Tubing <u>2094</u> (k)	Casing <u>1586</u> (j)
		Length <u>6302</u>	

 Meter Error
0 (e)

 Friction Loss
0 (f)

 7 Day Avg. Flowing Pres., psia
 Chart 490 (g) Corrected 490 (h)

FRICTION CALCULATION

 Grav. .695 $P_t =$ 490 (i) $GL =$ 4380 $(1-e^{-x}) =$.273
 $(F_c Q)^2 =$ 1758 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 480 $P_t^2 =$ 240100 $P_w^2 =$ 240580

FLOW RATE CALCULATION

 $Q =$ 141 $\times$ $\sqrt{\frac{(c)}{(d)}} =$ 1.0000 $=$ 1.0000 $=$ 141
 (integrated)

DELIVERABILITY CALCULATION

 $D = Q$ 141 $\times$ $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.7934 $=$.8406 $=$ 119

SUMMARY

 $P_c =$ 2094
 $Q =$ 141
 $P_w =$ 490
 $P_d =$ 1047
 $D =$ 119

 D at 250 or 500 140

Note:

 250# for P.C.
 500# for M.V.
Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEERWitnessed By Company 