

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 Test74796 Pool UNDESIGNATED Lease CANYON LARGO No. 60Formation PC Unit A S 10 T 24 R 07 Pay Zone 2220 to 2240 Cty. RACasing - OD 5500 Wt. 1550 Set at 2309 Tubing - OD 1250 Wt. 0240 L 2221 (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>022759</u>	To <u>030759</u>	<u>012259</u>
			O.D. <u>1.250</u>

Deadweight Flowing Pressure, psia			
Casing	<u> </u> (a)	Tubing	<u> </u> (b)
		Meter	<u> </u> (c)
			Wt. <u>2.40</u>

Flowing Pressure, psia		Deadweight Shut-in Pressure, psia		Length
Chart	<u> </u> (d)	Tubing	<u>596</u> (k)	
		Casing	<u>596</u> (j)	
			<u>2221</u>	

Meter Error	Friction Loss	7 Day Avg. Flowing Pres., psia	
<u>0</u> (e)	<u>0</u> (f)	Chart <u>245</u> (g)	Corrected <u>245</u> (h)

FRICTION CALCULATION

Grav. .703 $P_t =$ 245 (i) $GL =$ 1561 $(1-e^{-s}) =$.107 $(F_c Q)^2 =$ 174134 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 18632 $P_t^2 =$ 60025 $P_w^2 =$ 78657

FLOW RATE CALCULATION

 $Q =$ 536 $\times \sqrt{\frac{(c)}{(d)}} =$ 1.0000 $=$ 1.0000 $=$ 536

DELIVERABILITY CALCULATION

 $D = Q$ 536 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9633 $=$.9687 $=$ 519

SUMMARY

 $P_c =$ 596 $Q =$ 536 $P_w =$ 280 $P_d =$ 298 $D =$ 519D at 250 or 500 523

Note:

250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEERWitnessed By Company 

SECRET

