

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

74824 Pool SOUTH BLANCO Lease CANYON LARGO No. 67
Formation PC Unit C S01 T25 R06 Pay Zone 2836 to 2876 Cty. RA
Casing - OD 5500 Wt. 1550 Set at 2946 Tubing - OD 1250 Wt. 0240 L 2862 (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>0629509</u>	<u>031659</u>	O.D. <u>1.250</u>
To	<u>070759</u>		
Deadweight Flowing Pressure, psia			
Casing	<u>(a)</u>	Tubing <u>(b)</u> Meter <u>(c)</u>	Wt. <u>2.40</u>
Flowing Pressure, psia			
Chart	<u>(d)</u>	Tubing <u>862</u> (k) Casing <u>862</u> (j)	Length <u>2862</u>
Deadweight Shut-in Pressure, psia			
Meter Error	<u>0</u> (e)	Friction Loss	7 Day Avg. Flowing Pres., psia
		<u>0</u> (f)	Chart <u>225</u> (g) Corrected <u>225</u> (h)

FRICTION CALCULATION

Grav. .713 $P_t =$ 225 (i) GL = 2041 $(1-e^{-s}) =$.138

$(F_c Q)^2 =$ 57502 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 7935 $P_t^2 =$ 50625 $P_w^2 =$ 58560

FLOW RATE CALCULATION

$Q =$ 308 $\times \sqrt{\frac{(c)}{(d)}} \times \frac{1.0000}{1.0000} = \frac{1.0000}{1.0000} =$ 308

DELIVERABILITY CALCULATION

$D = Q$ 308 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.8141}{.8396} =$ 259

SUMMARY

$P_c =$ 862
 $Q =$ 308
 $P_w =$ 242
 $P_d =$ 431
 $D =$ 259

D at 250 or 500 301

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 _____