

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

72409 Pool BLANCO Lease SAN JUAN 28 7 MV No. 96
 Formation MV Unit G S 08 T 27 R 07 Pay Zone 5489 to 5659 Cty. KA
 Casing - OD 5500 Wt. 1550 Set at 5705 Tubing - OD 2000 Wt. 0470 L 5572 (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>040759</u>	To	<u>041559</u>
		<u>012059</u>	O.D. <u>2.000</u>
Deadweight Flowing Pressure, psia			
Casing	(a)	Tubing	(b)
		Meter	(c)
			Wt. <u>4.70</u>
Flowing Pressure, psia		Deadweight Shut-in Pressure, psia	
Chart	(d)	Tubing	<u>1040</u> (k)
		Casing	(j)
			Length <u>5572</u>

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 570 (g) Corrected 570 (h)

FRICITION CALCULATION

Grav. .726 $P_t =$ 570 (i) $GL =$ 4045 $(1-e^{-s}) =$.255

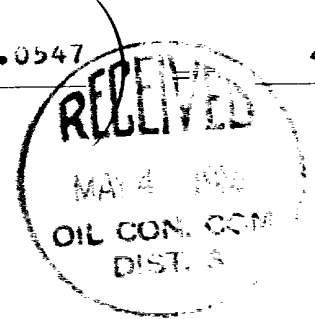
$(F_c Q)^2 =$ 4674 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1192 $P_t^2 =$ 324900 $P_w^2 =$ 326092

FLOW RATE CALCULATION

$$Q = \frac{230}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)} \cdot 0.0000} = \frac{0.0000}{0.0000} = 230$$

DELIVERABILITY CALCULATION

$$D = Q \frac{230}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N} = \frac{1.0737}{1.0547} = 243$$



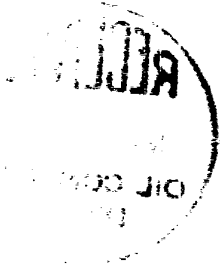
SUMMARY

$P_c =$ 1040
 $Q =$ 230
 $P_w =$ 571
 $P_d =$ 520
 $D =$ 243

D at 250 or 500 244

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 _____



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