

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 Test72443 Pool BLANCO Lease SAN JUAN 28 5 No. 36Formation MV Unit G S 26 T 28 R 05 Pay Zone 6294 to 6449 Cty. RACasing - OD 7625 Wt. 2640 Set at 4385 Tubing - OD 2000 Wt. 0470 L 6431 (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>081559</u>	To	<u>082259</u>
			<u>050559</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>1086</u> (k)
		Casing	<u>1087</u> (j)
			Length <u>6431</u>

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 504 (g) Corrected 504 (h)

FRICTION CALCULATION

Grav. .670 $P_t =$ 504 (i) $GL =$ 4309 $(1-e^{-s}) =$.269 $(F_c Q)^2 =$ 4435 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1193 $P_t^2 =$ 254016 $P_w^2 =$ 255209

FLOW RATE CALCULATION

 $Q =$ 224 $\times \sqrt{\frac{(c)}{(d)}} =$ 1.0000 $=$ 1.0000 $=$ 224

DELIVERABILITY CALCULATION

 $D = Q$ 224 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9571 $=$.9676 $=$ 217

SUMMARY

 $P_c =$ 1086 $Q =$ 224 $P_w =$ 505 $P_d =$ 543 $D =$ 217 D at 250 or 500 222

Note:

250 # for P.C.

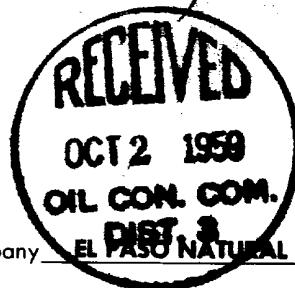
500 # for M.V.

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

Witnessed By _____

222

Company _____



RECEIVED

NOV 15 1955

U.S. DEPARTMENT OF COMMERCE

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