

Initial
Deliverability Test

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT
BARKER DOME STORAGE AREA)

71797 Pool BLANCO Lease SAN JUAN 32 8 4 No. 20
 Formation MV Unit L S 04 T 31 R 08 Pay Zone 5832 to 5846 Cty. SJ
 Casing - OD 5500 Wt. 1400 Set at 5911 Tubing - OD 1250 Wt. 0240 L 5841 (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>062960</u>	To <u>070760</u>	<u>5146</u>
			O.D. <u>1.250</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		Deadweight Shut-in Pressure, psia	
Chart	<u>(d)</u>	Tubing <u>560 (k)</u>	Casing <u>68 (j)</u>
			Length <u>5841</u>

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 469 (g) Corrected 469 (h)

FRICTION CALCULATION

Grav. .606 $P_t =$ 469 (i) $GL =$ 354 $(1-e^{-x}) =$.227

$(F_c Q)^2 =$ 621 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 141 $P_t^2 =$ 21996 $P_w^2 =$ 220102

FLOW RATE CALCULATION

$Q =$ 32 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{.000} =$ 32

DELIVERABILITY CALCULATION

$D = Q$ 32 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{2.5117}{1.995} =$ 64

Intermitter installed. Turned on production 4/7/60.

SUMMARY

 $P_c =$ 560 $Q =$ 32 $P_w =$ 469 $P_d =$ 280 $D =$ 64D at 250 or 500 20Company EL PASO NATURAL GAS CO.

Note:

250 # for P.C.

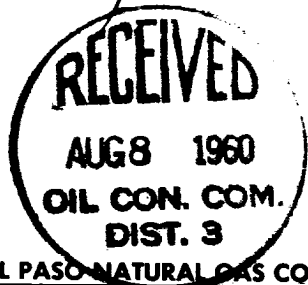
500 # for M.V.

By H. L. KENDRICK* Title GAS ENGINEER

Witnessed By _____

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Company _____



P



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