

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

71225 Pool BLANCO Lease SAN JUAN 28 6 No. 42
 Formation MV Unit L S 34 T 28 R 06 Pay Zone 5092 to 5758 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 5790 Tubing - OD 2000 Wt. 0470 L 5686 (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>012161</u>	To <u>012961</u>	<u>061460</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>744</u> (k)	Casing (j)
			Length <u>5686</u>

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 563 (g) Corrected 563 (h)

FRICTION CALCULATION

Grav. .673 $P_t =$ 563 (i) $GL =$ 3827 $(1-e^{-x}) =$.243

$(F_c Q)^2 =$ 2235 $(1-e^{-x})(F_c Q)^2 = R^2 =$ 543 $P_t^2 =$ 316969 $P_w^2 =$ 317512

FLOW RATE CALCULATION

$Q =$ 159 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 159

DELIVERABILITY CALCULATION

$D = Q$ 159 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.7549}{1.5247} =$ 242

An Intermittent was Installed - Turned back on Production 11-15-60.

SUMMARY

 $P_c =$ 744 $Q =$ 159 $P_w =$ 563 $P_d =$ 372 $D =$ 242D at 250 or 500 186Company EL PASO NATURAL GAS CO.

Note:

250 # for P.C.

500 # for M.V.

By H. L. KENDRICKTitle Original Signed

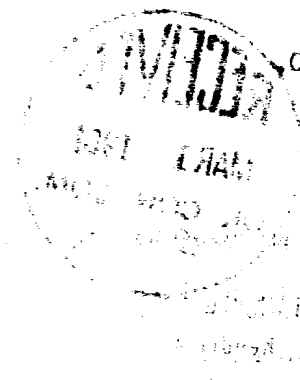
Witnessed By _____

Company _____



MEMORANDUM FOR THE RECORD
SUBJECT: [Illegible]

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An Inspector was involved - Bureau back on production 11-15-60