

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

72786 Pool SOUTH BLANCO Lease SAN JUAN 28 7 No. 119
 Formation PC Unit C S 22 T 27 R 07 Pay Zone 3058 to 3096 Cty. RA
 Casing - OD 2875 Wt. 640 Set at 3168 Tubing - OD _____ Wt. _____ L _____ (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>123060</u>	To <u>010761</u>	<u>101160</u>	O.D. <u>2.875</u>
Deadweight Flowing Pressure, psia			
Casing _____ (a)	Tubing _____ (b)	Meter _____ (c)	Wt. <u>6.40</u>
Flowing Pressure, psia		Deadweight Shut-in Pressure, psia	
Chart _____ (d)	Tubing _____ (k)	Casing <u>988</u> (j)	Length <u>3058</u>

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia Chart 228 (g) Corrected 228 (h)

FRICITION CALCULATION

Grav. .613 $P_t = \underline{228}$ (i) $GL = \underline{1875}$ $(1-e^{-1}) = \underline{.127}$

$(F_c Q)^2 = \underline{11431}$ $(1-e^{-1})(F_c Q)^2 = R^2 = \underline{1452}$ $P_t^2 = \underline{51984}$ $P_w^2 = \underline{53436}$

FLOW RATE CALCULATION

$Q = \frac{609}{(\text{integrated})} \times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \underline{609}$

DELIVERABILITY CALCULATION

$D = Q \frac{609}{\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N} = \underline{.7934} = \underline{.8214} = \underline{500}$

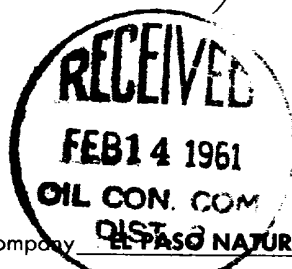
SUMMARY

$P_c = \underline{988}$
 $Q = \underline{609}$
 $P_w = \underline{231}$
 $P_d = \underline{494}$
 $D = \underline{500}$

D at 250 or 500 600

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 _____



[Handwritten Signature]

RE: [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

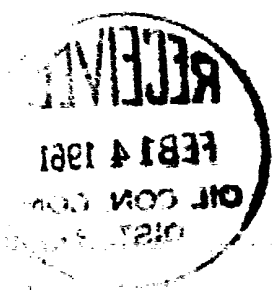
[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]



[Illegible]

[Illegible]

PCO

[Illegible]