

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122-A
(EL PASO)

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

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

72417 Pool BLANCO Lease SAN JUAN 27 4 MV No. 20
Formation MV Unit G S 29 T 27 R 04 Pay Zone 5608 to 6133 Cty. RA
Casing - OD 5500 Wt. 1550 Set at 6195 Tubing - OD 2000 Wt. 0470 L 6034 (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>020659</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>1084</u> (k)	Casing (j) Length <u>6034</u>

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 578 (g) Corrected 578 (h)

FRICTION CALCULATION

Grav. .697 $P_t =$ 578 (i) $GL =$ 4206 $(1-e^{-s}) =$.264 $(F_c Q)^2 =$ 162058 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 42782 $P_t^2 =$ 334084 $P_w^2 =$ 376866

FLOW RATE CALCULATION

 $Q =$ 1354 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} = 1.0000 =$ 1354

DELIVERABILITY CALCULATION

 $D = Q$ 1354 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.1041}{1.0771} =$ 1458

SUMMARY

 $P_c =$ 1084 $Q =$ 1354 $P_w =$ 614 $P_d =$ 542 $D =$ 1458D at 250 or 500 1440

Note:

250 # for P.C.

500 # for M.V.

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

Witnessed By _____

Company _____



