

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

72644 Pool SOUTH BLANCO Lease CANYON LARGO No. 94
 Formation PC Unit A S 24 T 25 R 06 Pay Zone 2496 to 2520 Cty. RA
 Casing - OD 2875 Wt. 640 Set at 2620 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>081540</u>	To <u>082260</u>	<u>061660</u>	O.D. <u>2.875</u>
Deadweight Flowing Pressure, psia			Wt. <u>6.40</u>
Casing <u> </u> (a)	Tubing <u> </u> (b)	Meter <u> </u> (c)	
Flowing Pressure, psia			Length <u>2496</u>
Chart <u> </u> (d)	Tubing <u> </u> (k)	Casing <u>796</u> (j)	
Deadweight Shut-in Pressure, psia			

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 274 (g) Corrected 274 (h)

FRICTION CALCULATION

Grav. .683 $P_t =$ 274 (i) $GL =$ 1705 $(1-e^{-s}) =$.117

$(F_c Q)^2 =$ 1988 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 233 $P_t^2 =$ 75076 $P_w^2 =$ 75509

FLOW RATE CALCULATION

$Q =$ 254 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 254

DELIVERABILITY CALCULATION

$D = Q$ 254 $\times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N =$.8508 $=$.8716 $=$ 221

SUMMARY

 $P_c =$ 796 $Q =$ 254 $P_w =$ 274 $P_d =$ 398 $D =$ 221D at 250 or 500 254

Note:

250# for P.C.

500# for M.V.

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

