

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

72622 Pool BALLARD Lease CANYON LARGO No. 92
 Formation PC Unit L S 09 T 24 R 06 Pay Zone 2144 to 2166 Cty. RA
 Casing - OD 2875 Wt. 640 Set at 2228 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>071560</u>	To <u>072260</u>	O.D. <u>2.875</u>
Deadweight Flowing Pressure, psia			
Casing	<u> </u> (a)	Tubing <u> </u> (b)	Meter <u> </u> (c)
Wt. <u>6.40</u>			
Flowing Pressure, psia		Deadweight Shut-in Pressure, psia	
Chart	<u> </u> (d)	Tubing <u> </u> (k)	Casing <u>611</u> (j)
		Length <u>2144</u>	

Meter Error

0 (e)

Friction Loss

0 (f)

7 Day Avg. Flowing Pres., psia

Chart 252 (g) Corrected 252 (h)

FRICTION CALCULATION

Grav. .664 $P_t =$ 252 (i) $GL =$ 1424 $(1-e^{-s}) =$.098

$(F_c Q)^2 =$ 248 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 24 $P_t^2 =$ 63504 $P_w^2 =$ 63528

FLOW RATE CALCULATION

$Q =$ 441 (integrated) $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 441

DELIVERABILITY CALCULATION

$D = Q$ 441 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9027 $=$.9166 $=$ 404

SUMMARY

 $P_c =$ 611 $Q =$ 441 $P_w =$ 252 $P_d =$ 306 $D =$ 404 D at 250 or 500 435

Note:

250# for P.C.

500# for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEERWitnessed By 456Company 

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