

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

74846 Pool BALLARD Lease CANYON CARGO No. 62
 Formation PC Unit D S 09 T 25 R 07 Pay Zone 2152 to 2174 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 2262 Tubing - OD 1250 Wt. 0240 L 2161 (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>123059</u>	To	<u>010760</u>
			<u>081459</u>
			O.D. <u>1.250</u>
Deadweight Flowing Pressure, psia			
Casing	<u>(a)</u>	Tubing	<u>(b)</u>
		Meter	<u>(c)</u>
			Wt. <u>2.40</u>
Flowing Pressure, psia		Deadweight Shut-in Pressure, psia	
Chart	<u>(d)</u>	Tubing	<u>377 (k)</u>
		Casing	<u>382 (j)</u>
			Length <u>2161</u>

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

FRICTION CALCULATION

Grav. .702 $P_t =$ 228 (i) $GL =$ 1517 $(1-e^{-s}) =$.104

$(F_c Q)^2 =$ 25220 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 2623 $P_t^2 =$ 51984 $P_w^2 =$ 54607

FLOW RATE CALCULATION

$Q =$ 204 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 1.0000 $=$ 1.0000 $=$ 204

DELIVERABILITY CALCULATION

$D = Q$ 204 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$ 1.2157 $=$ 1.1805 $=$ 241

SUMMARY

 $P_c =$ 377 $Q =$ 204 $P_w =$ 234 $P_d =$ 189 $D =$ 241 D at 250 or 500 171

Note:

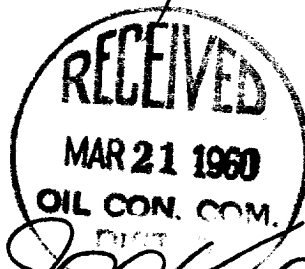
250# for P.C.

500# for M.V.

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

Witnessed By _____

Company _____



GAS WELL TEST DATA SHEET - SAN JUAN BASIN

FOR USE OF FRUITLAND, INC. AND OTHER OPERATORS IN THE SAN JUAN BASIN

DATE OF TEST: _____

WELL NO. _____

WELL NAME _____

DATE OF TEST _____

WELL NO. _____

WELL NAME _____

DATE OF TEST _____

101

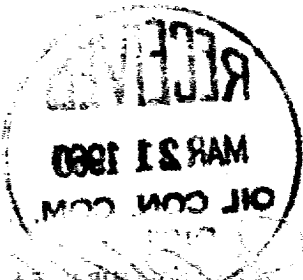
102

103

104

105

106



WELL NO. _____

WELL NAME _____

107