

Initial
Deliverability Test

(EL PASO)

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)

2656 Pool BLANCO Lease SAN JUAN 32 9 No. 77
Formation MV Unit A S 18 T 32 R 09 Pay Zone 5884 to 6008 Cty. SJ
Casing - OD 5500 Wt. 1550 Set at 6118 Tubing - OD 2000 Wt. 0470 L 5946 (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>092160</u>	To	<u>092960</u>	<u>072060</u>	O.D.	<u>2.000</u>	
Deadweight Flowing Pressure, psia							
Casing	<u> </u> (a)	Tubing	<u> </u> (b)	Meter	<u> </u> (c)	Wt.	<u>4.70</u>
Flowing Pressure, psia							
Chart	<u> </u> (d)	Deadweight Shut-in Pressure, psia					
		Tubing	<u>1072</u> (k)	Casing	<u>1071</u> (j)	Length	<u>5946</u>

Meter Error	Friction Loss	7 Day Avg. Flowing Pres., psia
<u>0</u> (e)	<u>0</u> (f)	Chart <u>476</u> (g) Corrected <u>476</u> (h)

FRICITION CALCULATION

Grav. .585 $P_t =$ 476 (i) $GL =$ 3478 $(1-e^{-s}) =$.223

$(F_c Q)^2 =$ 32787 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 7312 $P_t^2 =$ 226576 $P_w^2 =$ 233888

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$D = Q$ 609 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N =$.9416 $=$.9558 $=$ 582

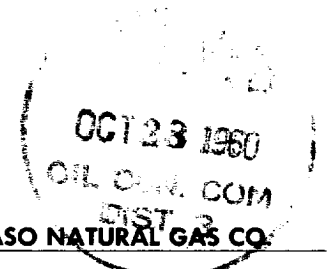
SUMMARY

$P_c =$ 1072
 $Q =$ 609
 $P_w =$ 484
 $P_d =$ 536
 $D =$ 582

D at 250 or 500 591

Note:
250 $\neq$ for P.C.
500 $\neq$ for M.V.

Company EL PASO NATURAL GAS CO.
By H. L. KENDRICK
Title GAS ENGINEER
Witnessed By _____
Company _____



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