Form C-122-A
Revised April 20, 1955

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)

Pool: Blanco Formation: Mesa Verde County: Rio Arriba
Purchasing Pipeline: El Paso Natural Gas Company Date Test Filed: ______

Operator: El Paso Natural Gas Company Lease: San Juan 28-7 Unit Well No. 57
Unit: H Sec. 30 Twp. 28 Rge. 7 Pay Zone: From [illegible] To 4890
Casing: OD 5½ WT. 15.5 Set At 4895 Tubing: OD 2 WT. 4.7 T. Perf. 4781
Produced Through: Casing ______ Tubing XX Gas Gravity: Measured .715 Estimated ______
Date of Flow Test: From 10/9/56 To 10/17/56 * Date S.I.P. Measured [illegible]/6/56 (12 days)
Meter Run Size ______ Orifice Size ______ Type Chart ______ Type Taps ______

OBSERVED DATA

Flowing casing pressure (Dwt)	psig + 12 =		psia	(a)
Flowing tubing pressure (Dwt)	psig + 12 =		psia	(b)
Flowing meter pressure (Dwt)	psig + 12 =		psia	(c)
Flowing meter pressure (meter reading when Dwt. measurement taken:				
Normal chart reading	psig + 12 =		psia	(d)
Square root chart reading (______)^2 x spring constant	=		psia	(d)
Meter error (c) - (d) or (d) - (c) ±	=		psi	(e)
Friction loss, Flowing column to meter: (b) - (c) Flow through tubing: (a) - (c) Flow through casing	=		psi	(f)
Seven day average static meter pressure (from meter chart):				
Normal chart average reading	psig + 12 =		psia	(g)
Square root chart average reading (7.25)^2 x sp. const. 10	=	526	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	526	psia	(h)
P_t = (h) + (f)	=	526	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1099	psig + 12 =	1111	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1094	psig + 12 =	1106	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1106	psia	(l)
Flowing Temp. (Meter Run) 70 °F + 460	=	530	°Abs	(m)
$P_d = ½ P_c = ½$ (l)	=	553	psia	(n)

FLOW RATE CALCULATION

$$Q = \underline{\quad\quad} \text{ (integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \underline{\quad\quad} = \underline{\quad\quad} \right) = 1032 \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \; 1032 \left[\frac{(P_c^2 - P_d^2) = 917,487}{(P_c^2 - P_w^2) = 925,847} \right]^n \; .9909 \;\; .9932 = 1025 \text{ MCF/da.}$$

SUMMARY

P_c =	1106	psia
Q =	1032	Mcf/day
P_w =	545	psia
P_d =	553	psia
D =	1025	Mcf/day

Company: El Paso Natural Gas Company
By: L. D. Galloway (signature)
Title: ______
Witnessed by: ______
Company: ______

* This is date of completion test.
* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$(F_cQ)^2 (1-e^{-s})$ / R^2	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
3418	.220	[illegible]	20,713	276,676	297,389	545

D @ 500 = 1044

OIL CONSERVATION COMMISSION

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