Form C-122-A
Revised April 30, 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 28-6 Unit Well No. 34

Unit A Sec. 32 Twp. 28 Rge. 6 Pay Zone: From 4895 To 5258

Casing: OD 5½ WT. 15.5 Set At 5961 Tubing: OD 2 WT. 4.7 T. Perf. 5075

Produced Through: Casing Tubing X Gas Gravity: Measured 695 Estimated

Date of Flow Test: From 4-28 To 4-30 * Date S.I.P. Measured 10-28-55

Meter Run Size 4 Orifice Size Type Chart Sq. Root Type Taps Flange

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 (7.60) ^{2} x sp. const. 10	= 578	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= 578	psia	(h)
P_t = (h) + (f)	= 578	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1073	psig + 12 = 1085	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1068	psig + 12 = 1080	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 1080	psia	(l)
Flowing Temp. (Meter Run) 69 °F + 460	= 529	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 540	psia	(n)

FLOW RATE CALCULATION

Q = (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad\right)^n$ = 686 MCF/da

DELIVERABILITY CALCULATION

D = Q 686 $\left[\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right) = \frac{\quad}{\quad}\right]^n$ $\frac{1.0639}{1.0475}$ = 719 MCF/da.

SUMMARY

P_c =	1080 psia	Company	El Paso Natural Gas Company
Q =	686 Mcf/day	By	Original Signed Lewis D. Galloway
P_w =	987 psia	Title	
P_d =	540 psia	Witnessed by	
D =	719 Mcf/day	Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
3805	.242	41,603	10,068	334,084	344,152	987

D @ 500 = 739

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