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 28-6 Unit Well No. 11

Unit A Sec. 9 Twp. 27 Rge. 6 Pay Zone: From 4570 To 5298

Casing: OD 7 WT. 20 Set At 4630 Tubing: OD 2 WT. 4.7 T. Perf. 5292

Produced Through: Casing ____ Tubing X Gas Gravity: Measured ____ Estimated .700

Date of Flow Test: From 10/9/56 To 10/17/56 * Date S.I.P. Measured ____

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) 989	989 psig + 12 =	1001	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 978	978 psig + 12 =	990	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	990	psia	(l)
Flowing Temp. (Meter Run) 65 °F + 460	=	525	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	495	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^*$ = 230 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right) = \frac{735,075}{708,321} \right]^n \frac{1.0466}{1.0348}$ = 238 MCF/da.

SUMMARY

P_c = 990 psia
Q = 230 Mcf/day
P_w = 527 psia
P_d = 495 psia
D = 238 Mcf/day

Company El Paso Natural Gas Company
By T. Galloway
Title ____
Witnessed by ____
Company ____

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

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(FcQ)^2 \quad (1-e^{-s})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
3704	.236	4.674	1103	276,676	277,779	527

D @ 500# 234

RECEIVED
NOV - 1956
OIL CON. COM.
DIST. 3