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 South Blanco PC Formation Pictured Cliffs County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Rincon Unit Well No. 75

Unit F Sec. 34 Twp. 27 Rge. 7 Pay Zone: From 3058 To 3098

Casing: OD 5-1/2 WT. 15.5 Set At 3148 Tubing: OD 1-1/4 WT. 2.3 T. Perf. 3050

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .636 Estimated ____

Date of Flow Test: From 12-31-57 To 1-9-58 * Date S.I.P. Measured 12-27-56

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 (7.50)^2 x sp. const. 5	=	281	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	281	psia	(h)
P_t = (h) + (f)	=	281	psia	(i)
Wellhead casing shut-in pressure (Dwt) 818	____ psig + 12 =	830	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 818	____ psig + 12 =	830	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	830	psia	(l)
Flowing Temp. (Meter Run) 49 °F + 460	=	509	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	415	psia	(n)

FLOW RATE CALCULATION

$$Q = \text{____ (integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \text{____} = \text{____} \right)^{*} = 143 \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{516,675}{608,303} \right]^{n} = 143 \left[\frac{.8493}{.8705} \right] = 124 \text{ MCF/da.}$$

SUMMARY

P_c =	830 psia	Company	El Paso Natural Gas
Q =	143 Mcf/day	By	A. R. Kendrick
P_w =	284 psia	Title	
P_d =	415 psia	Witnessed by	
D =	124 Mcf/day	Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(F_cQ)^2}{R^2}(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
1940	.132	12.397	1,636	78,961	80,597	284

D at 250 = 145

RECEIVED
JAN 27 1958
OIL CON. COM.
DIST. 3