Form C-122-A
Revised April 20, 1955

Initial Deliverability Test
72908

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 Basin Formation Dakota County San Juan

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Florance Well No. 9-C

Unit L Sec. 30 Twp. 28 Rge. 8 Pay Zone: From 6526 To 6714

Casing: OD 5-1/2 WT. 17 Set At 6780 Tubing: OD 2-3/8 WT. 4.7 T. Perf. 6578

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .658 Estimated ____

Date of Flow Test: From 5/29/61 To 6/6/61 * Date S.I.P. Measured 9/23/60

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 (____)^2 x sp. const.	=	511	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	511	psia	(h)
P_t = (h) + (f)	=	511	psia	(i)
Wellhead casing shut-in pressure (Dwt)	2383 psig + 12 =	2395	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	2378 psig + 12 =	2390	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	2390	psia	(l)
Flowing Temp. (Meter Run)	86 °F + 460 =	546	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	1195	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) $\times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^{*} =$ 1890 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right) = \frac{1281075}{5365720} \right]^n \frac{.7984}{.8447} =$ 1596 MCF/da.

SUMMARY

P_c =	2390 psia	Company	El Paso Natural Gas
Q =	1890 Mcf/day	By	Original signed by
P_w =	589 psia	Title	H. L. Kendrick
P_d =	1195 psia	Witnessed by	
D =	1596 Mcf/day	Company	

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

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
4328	0.270	315773	85259	261121	346380	589

D at 500= 1890

RECEIVED
JUN 29 1961
OIL CON. COM.
DIST. 3