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)

74-689-CL Dakota

Pool Undesignated Formation Pictured Cliffs County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Jicarilla Well No. 5-C

Unit H Sec. 24 Twp. 26 Rge. 5 Pay Zone: From 3190 To 3241

Casing: OD 5-1/2 WT. 15.5 Set At 3321 Tubing: OD 1-1/4 WT. 2.4 T. Perf. 3210

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .674 Estimated ____

Date of Flow Test: From 10/30/58 To 11/7/58 * Date S.I.P. Measured 7/11/58

Meter Run Size ____ Orifice Size 1.000 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 (6.80) ^{2} x sp. const. 5 = 231 psia			(g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 231 psia			(h)
P_t = (h) + (f) = 231 psia			(i)
Wellhead casing shut-in pressure (Dwt) 1039 psig + 12 = 1051 psia			(j)
Wellhead tubing shut-in pressure (Dwt) 1040 psig + 12 = 1052 psia			(k)
P_c = (j) or (k) whichever well flowed through = 1052 psia			(l)
Flowing Temp. (Meter Run) 52 °F + 460 = 512 °Abs			(m)
P_d = ½ P_c = ½ (l) = 526 psia			(n)

FLOW RATE CALCULATION

Q = ____ (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^*$ = 279 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n$ = 279 $\left[\frac{830028}{1046266} \right]^{.7955}$ = 229 MCF/da.

SUMMARY

P_c =	1052	psia
Q =	279	Mcf/day
P_w =	846	psia
P_d =	526	psia
D =	229	Mcf/day

Company El Paso Natural Gas
By Original Signed
Title Harold L. Kendrick
Witnessed by ____
Company ____

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(FcQ)^2}{R^2}(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
2251	.150	47,185	7,077	53,361	60,438	846

D at 250 = 276

RECEIVED
NOV 20 1958
OIL CON. COM.
DIST. 3