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)

72-256-01

Pool Otero Formation Pictured Cliffs County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Date Test Filed

Operator El Paso Natural Gas Lease Canyon Largo Unit Well No. 5

Unit A Sec. 21 Twp. 24N Rge. 6W Pay Zone: From 2282 To 2352

Casing: OD 5.5 WT. 15.5 Set At 2403 Tubing: OD 1.25 WT. 2.4 T. Perf. 2287

Produced Through: Casing ____ Tubing X Gas Gravity: Measured .688 Estimated ____

Date of Flow Test: From 10/22/58 To 10/30/58* Date S.I.P. Measured 6/20/58 (11 days)

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 (7.05)^2 x sp. const. 5	=	249	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	249	psia	(h)
P_t = (h) + (f)	=	249	psia	(i)
Wellhead casing shut-in pressure (Dwt) 657	psig + 12 =	669	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 657	psig + 12 =	669	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	669	psia	(l)
Flowing Temp. (Meter Run) 57 °F + 460	=	517	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	335	psia	(n)

FLOW RATE CALCULATION

Q = ____ (integrated) x $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \frac{\quad}{\quad}\right)^*$ = 442 MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right]^n$ = 442 $\left[\frac{335336}{372771}\right]^{.8995/.9140}$ = 404 MCF/da.

SUMMARY

P_c =	669	psia
Q =	442	Mcf/day
P_w =	273	psia
P_d =	335	psia
D =	404	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	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(FcQ)^2 \quad (1-e^{-s})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
1573	.108	118.418	12,789	62,001	74,790	273

D at 250 = 436

RECEIVED
NOV 13 1958
OIL CON. COM.
DIST. 3