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 Wildcat Formation Pictured Cliff County Rio Arriba

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed

Operator El Paso Natural Gas Lease Johnston State Well No. 1

Unit N Sec. 32 Twp. 26N Rge. 6W Pay Zone: From 2864 To 2871

Casing: OD 7 WT. 20 Set At 2864 Tubing: OD 1 WT. 1.68 T. Perf. 2876

Produced Through: Casing X Tubing Gas Gravity: Measured Estimated

Date of Flow Test: From See Below To * Date S.I.P. Measured 11/29/55

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.	=	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	psia	(h)
P_t = (h) + (f)	=	psia	(i)
Wellhead casing shut-in pressure (Dwt) 853	psig + 12 =	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 853	psig + 12 =	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	psia	(l)
Flowing Temp. (Meter Run) °F + 460	=	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{(P_c^2 - P_d^2) = \quad}{(P_c^2 - P_w^2) = \quad} \right]^{n} = 0 \text{ MCF/da.}$$

SUMMARY

P_c = psia

Q = Mcf/day

P_w = psia

P_d = psia

D = Mcf/day

Company El Paso Natural Gas Company

By Original Signed

Title Lewis D. Galloway

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)	$P_t^2 + R^2$	P_w

RECEIVED
JUN 28 1956
OIL CON. COM.
DIST. 3

Tests were attempted as follows: February 8 to 16, 1956; February 21 to 29; February 29 to March 8; March 9 to 17; March 17 to 24. In all cases, no gas passed.

OK

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