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 West Kutz Formation Pictured Cliffs County San Juan

Purchasing Pipeline El Paso Natural Gas Co. Date Test Filed

Operator El Paso Natural Gas Lease Schwerdtfeger Well No. 3

Unit C Sec. 8 Twp. 27 Rge. 11 Pay Zone: From To

Casing: OD WT. Set At Tubing: OD WT. T. Perf.

Produced Through: Casing Tubing Gas Gravity: Measured Estimated

Date of Flow Test: From 8/7/60 To 8/15/60* Date S.I.P. Measured 8/22/60

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.	=	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)	psig + 12 =	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	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 = (integrated) x $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \quad = \quad \right)^*$ = MCF/da

DELIVERABILITY CALCULATION

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

SUMMARY

P_c = psia

Q = Mcf/day

P_w = psia

P_d = psia

D = 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

Mt. Well No.