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 Cliffs County RA

Purchasing Pipeline El Paso Natural Gas Co Date Test Filed July 25, 1956

Operator Ken Blackford Lease Sierrilla Well No. 2-M

Unit M Sec. 24 Twp. 26N Rge. 5W Pay Zone: From _____ To _____

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

Produced Through: Casing X Tubing _____ Gas Gravity: Measured .710 Estimated _____

Date of Flow Test: From 6/24/56 To 6/30/56 * Date S.I.P. Measured _____

Meter Run Size 4" Orifice Size _____ Type Chart Sq Rt Type Taps Flange

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 (7.65)^2 x sp. const. 5.00	=	293	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=		psia	(h)
P_t = (h) + (f)	=	293	psia	(i)
Wellhead casing shut-in pressure (Dwt) 682	psig + 12 =	694	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 682	psig + 12 =	694	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	694	psia	(l)
Flowing Temp. (Meter Run) 60 °F + 460	=	520	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	347	psia	(n)

FLOW RATE CALCULATION

Q = 945 (Integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^*$ = _____ MCF/da

DELIVERABILITY CALCULATION

D = Q 945 $\left[\frac{(P_c^2 - P_d^2) = 263,227}{(P_c^2 - P_w^2) = 215,787} \right]^n$ .9256 = 875 MCF/da.

SUMMARY

P_c =	694 psia	Company	Geolectric, Inc
Q =	945 Mcf/day	By	W. J. McCarthy
P_w =	293 psia	Title	Agent
P_d =	347 psia	Witnessed by	
D =	875 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

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