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 Fulcher-Kutz P.C. Formation Pictured Cliffs County San Juan

Purchasing Pipeline El Paso Natural Gas Co Date Test Filed 12/30/55

Operator Alfred E. McLane Lease McLane-Graham Well No. 1

Unit L Sec. 26 Twp. 27N Rge. 10W Pay Zone: From _____ To _____

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

Produced Through: Casing X Tubing _____ Gas Gravity: Measured .650 Estimated _____

Date of Flow Test: From 11/22/55 To 11/30/55 * Date S.I.P. Measured 8/21/55 (9-Day)

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 (5.95)^2 x sp. const. 5.00	= 177	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= _____	psia	(h)
P_t = (h) + (f)	= 177	psia	(i)
Wellhead casing shut-in pressure (Dwt) 533	psig + 12 = 545	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 533	psig + 12 = 545	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 545	psia	(l)
Flowing Temp. (Meter Run) 66 °F + 460	= 526	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 272	psia	(n)

FLOW RATE CALCULATION

$$Q = 40 \text{ (integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^{*} = \quad \text{MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q\,40 \left[\frac{(P_c^2 - P_d^2) = 223,041}{(P_c^2 - P_w^2) = 265,696} \right]^{n} .8614 = 34 \text{ MCF/da.}$$

SUMMARY

P_c =	545 psia	Company	Gulestric, Inc
Q =	40 Mcf/day	By	W. J. McCoombs
P_w =	177 psia	Title	Agent
P_d =	272 psia	Witnessed by	
D =	34 Mcf/day	Company	

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(FcQ)^2}{R^2}$ $(1-e^{-s})$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
			NEGLIGIBLE			

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DIST. 3