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 Blanco Mesaverde Formation Mesaverde County RA

Purchasing Pipeline El Paso Natural Gas Company Date Test Filed February 6, 1956

Operator Blackwood & Nichols Lease NE Blanco Unit Well No. 25-27

Unit B Sec. 27 Twp. 30N Rge. 7W Pay Zone: From _____ To _____

Casing: OD _____ WT. _____ Set At _____ Tubing: OD 2 WT. 4.7 T. Perf. 5525

Produced Through: Casing _____ Tubing _____ Gas Gravity: Measured _____ Estimated .645

Date of Flow Test: From 1/9/56 To 1/17/56 * 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 (7.70)^2 x sp. const. 10.00	= 593	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	= _____	psia	(h)
P_t = (h) + (f)	= 593	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1116	psig + 12 = 1128	psia	(j)
Wellhead tubing shut-in pressure (Dwt) _____	psig + 12 = _____	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 1128	psia	(l)
Flowing Temp. (Meter Run) 73 °F + 460	= 533	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 564	psia	(n)

FLOW RATE CALCULATION

Q = 1908 (integrated) $\times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^* =$ _____ MCF/da

DELIVERABILITY CALCULATION

$D = Q$ 1908 $\left[\frac{(P_c^2 - P_d^2) = 254,288}{(P_c^2 - P_w^2) = 247,280} \right]^n$ 1.0959 = 2091 MCF/da.

SUMMARY

P_c =	1128	psia
Q =	1908	Mcf/day
P_w =	652	psia
P_d =	564	psia
D =	2091	Mcf/day

Company Geolectric, Inc.
By W. J. McCarthy
Title Agent
Witnessed by _____
Company _____

RECEIVED
FEB 6 1956
OIL CON. COM.
DIST. 3

* 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)	$Pt^2 + R^2$	P_w
3564	.228	321,808	73,372	351,649	425,021	651.9

OK