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 S.J.

Purchasing Pipeline El Paso Natural Gas Co Date Test Filed April 23

Operator Blackwood & Nichols Lease NE Blanco Unit Well No. 33-12

Unit [illegible] Sec. 12 Twp. 31N Rge. 7W Pay Zone: From ______ To ______

Casing: OD ______ WT. ______ Set At ______ Tubing: OD 2 WT. ______ T. Perf. [illegible]

Produced Through: Casing ______ Tubing X Gas Gravity: Measured [illegible] Estimated ______

Date of Flow Test: From [illegible]/56 To [illegible]/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 (7.45) ^{2} x sp. const. [illegible]	=	555	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=		psia	(h)
P_t = (h) + (f)	=	555	psia	(i)
Wellhead casing shut-in pressure (Dwt) 1040	psig + 12 =	1052	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1040	psig + 12 =	1052	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1052	psia	(l)
Flowing Temp. (Meter Run) 65 °F + 460	=	525	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	526	psia	(n)

FLOW RATE CALCULATION

Q = 297 (integrated) X ($\sqrt{(c)}$ / $\sqrt{(d)}$ = ______ = ______) = ______ MCF/da

DELIVERABILITY CALCULATION

D = Q 297 $\left[\frac{(P_c^2 - P_d^2) = 830,028}{(P_c^2 - P_w^2) = 762,135}\right]^n$ 1.0467 = 317 MCF/da.

763,308

SUMMARY

P_c =	1052	psia
Q =	297	Mcf/day
P_w =	586 [illegible]	psia
P_d =	526	psia
D =	317	Mcf/day

Company [illegible], Inc

By [illegible] W. J. McConathy

Title Agent

Witnessed by ______

Company ______

* This [illegible]

* Meter error co[illegible]

OIL CONSERVATION COMMISSION DISTRICT OFFICE

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$(F_cQ)^2 (1-e^{-s})$ R^2	Pt^2 (Column i)	$P_t^2 + R^2$	P_w
[illegible]	[illegible]	7.777	1.780	[illegible] 342,225	[illegible] 343,925	586.4

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