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 MV Formation Mesaverde County San Juan
Purchasing Pipeline El Paso Natural Gas Co Date Test Filed 12/30/55

Operator Blackwood & Nichols Lease NE Blanco Unit Well No. 30-12
Unit A Sec. 12 Twp. 30N Rge. 8W Pay Zone: From ______ To ______
Casing: OD 5½ WT. ______ Set At 5460 Tubing: OD 2" WT. ______ T. Perf. 5505
Produced Through: Casing ______ Tubing X Gas Gravity: Measured .665 Estimated ______
Date of Flow Test: From 11/30/55 To 12/8/55 * Date S.I.P. Measured 8-3-55
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. 10.00	=	555 psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	555 psia	(h)
P_t = (h) + (f)	=	555 psia	(i)
Wellhead casing shut-in pressure (Dwt) 1092	psig + 12 =	1104 psia	(j)
Wellhead tubing shut-in pressure (Dwt) 1092	psig + 12 =	1104 psia	(k)
P_c = (j) or (k) whichever well flowed through	=	1104 psia	(l)
Flowing Temp. (Meter Run) 78 °F + 460	=	538 °Abs	(m)
$P_d = ½ P_c = ½$ (l)	=	552 psia	(n)

FLOW RATE CALCULATION

Q = 2513 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \text{______} = \text{______} \right)$ * = ______ MCF/da

DELIVERABILITY CALCULATION

$$D = Q\ 2513 \left[\frac{(P_c^2 - P_d^2) = 934,112}{(P_c^2 - P_w^2) = 778,467} \right]^n 1.1289 = 2837\ \text{MCF/da.}$$

SUMMARY

P_c = 1104 psia
Q = 2513 Mcf/day
P_w = 664 psia
P_d = 552 psia
D = 2837 Mcf/day

Company [illegible], Inc
By W. J. McConathy *W. J. McConathy*
Title Agent
Witnessed by ______
Company ______

* This is date of completion test.
* Meter error correction factor

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
3723	.257	590,265	130,324	308,025	440,309	663.6

Ok

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