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 Pulcher-Kutz P. C. Formation Pictured Cliffs County SJ

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

Operator Ted H. White Lease White-Cornell Well No. 1

Unit A Sec. 12 Twp. 29N Rge. 12W Pay Zone: From _____ To _____

Casing: OD 5½ WT. _____ Set At 1910 Tubing: OD 1 WT. _____ T. Perf. 1820

Produced Through: Casing X Tubing _____ Gas Gravity: Measured .655 Estimated _____

Date of Flow Test: From 1/3/56 To 1/9/56 * 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 (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) 397	psig + 12 =	409	psia	(j)
Wellhead tubing shut-in pressure (Dwt) 397	psig + 12 =	409	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	409	psia	(l)
Flowing Temp. (Meter Run) 49 °F + 460	=	509	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	204	psia	(n)

FLOW RATE CALCULATION

Q = 125 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \_\_\_\_ = \_\_\_\_ \right)^n$ = _____ MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{125,665}{135,952} \right]^n$ .9250 = 117 MCF/da.

SUMMARY

P_c =	409	psia	
Q =	125	Mcf/day	
P_w =	177	psia	
P_d =	204	psia	
D =	117	Mcf/day	

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

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

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

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