Form C-122-A

Revised April 20, 1955

Initial Deliverability Test

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 South Blanco Formation Pictured Cliffs County SJ

Purchasing Pipeline El Paso Natural Gas Co Date Test Filed April 24, 1957

Operator R&G Drilling Co Lease Graham Well No. 30

Unit ____ Sec. 10 Twp. 27N Rge. 8W Pay Zone: From ____ To ____

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

Produced Through: Casing X Tubing ____ Gas Gravity: Measured .635 Estimated ____

Date of Flow Test: From 3/16/57 To 3/21/57 * Date S.I.P. Measured 12-15-56

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 (7.00)^2 x sp. const. 5.00	=	245	psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	____	psia (h)
P_t = (h) + (f)	=	245	psia (i)
Wellhead casing shut-in pressure (Dwt) 820	____ psig + 12 =	832	psia (j)
Wellhead tubing shut-in pressure (Dwt)	____ psig + 12 =	____	psia (k)
P_c = (j) or (k) whichever well flowed through	=	832	psia (l)
Flowing Temp. (Meter Run) 54 °F + 460	=	514	°Abs (m)
P_d = ½ P_c = ½ (l)	=	416	psia (n)

FLOW RATE CALCULATION

Q = 467 (integrated) X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \frac{\quad}{\quad}\right)^*$ = ____ MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{539,168}{632,199}\right]^n$ .8457 = 395 MCF/da.

SUMMARY

P_c =	832	psia	
Q =	467	Mcf/day	
P_w =	245	psia	
P_d =	416	psia	
D =	395	Mcf/day	

Company Geolectric, 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	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w

RECEIVED
APR 24 1957
OIL CON. COM.
DIST. 3