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 CLIFF County RA

Purchasing Pipeline EL PASO NATURAL GAS CO. Date Test Filed Oct. 25, 1957

Operator SKELLY OIL CO. Lease JICARILL "C" Well No. 11

Unit L Sec. 27 Twp. 25N Rge. 5W Pay Zone: From 2723 To 2758

Casing: OD 5½ WT. ____ Set At 3665 Tubing: OD ____ WT. ____ T. Perf. ____

Produced Through: Casing X Tubing ____ Gas Gravity: Measured .705 Estimated ____

Date of Flow Test: From ____ To ____ * Date S.I.P. Measured 1 - 16 - 57

Meter Run Size 4" Orifice Size .750 Type Chart SR 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 (7.05)² x sp. const. 500	= 249	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	____ psia	(h)
P_t = (h) + (f)	= 249	psia	(i)
Wellhead casing shut-in pressure (Dwt)	____ psig + 12 =	____ psia	(j)
Wellhead tubing shut-in pressure (Dwt) 900	psig + 12 = 912	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 912	psia	(l)
Flowing Temp. (Meter Run) 60 °F + 460	= 520	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 456	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{623,808}{769,743} \right]^{n}$ .8364 = 85 MCF/da.

SUMMARY

P_c =	912	psia	
Q =	102	Mcf/day	
P_w =	249	psia	
P_d =	456	psia	
D =	85	Mcf/day	

Company GEOLECTRIC, INC.

By B H KEYES

Title AGENT

Witnessed by ____

Company ____

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

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

RECEIVED
OCT 25 1957
OIL CON. COM.
DIST. 3