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 JICARILLA "C" Well No. 13

Unit B Sec. 33 Twp. 25N Rge. 5W Pay Zone: From 2766 To 2790

Casing: OD 5½ WT. _____ Set At 3515 Tubing: OD _____ WT. _____ T. Perf. _____

Produced Through: Casing X Tubing _____ Gas Gravity: Measured .695 Estimated _____

Date of Flow Test: From _____ To _____ * Date S.I.P. Measured 3-21-57

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 (.700) ^{2} x sp. const. 500	= 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) 720	psig + 12 = 732	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	psig + 12 =	psia	(k)
P_c = (j) or (k) whichever well flowed through	= 732	psia	(l)
Flowing Temp. (Meter Run) 62 °F + 460	= 522	°Abs	(m)
P_d = ½ P_c = ½ (l)	= 366	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$$D = Q \text{ 116} \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{401,868}{475,790} \right]^{n} \text{ .8662} = \text{100 MCF/da.}$$

SUMMARY

P_c =	732	psia
Q =	116	Mcf/day
P_w =	245	psia
P_d =	366	psia
D =	100	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	$(1-e^{-S})$	$(F_cQ)2$	$\frac{(FcQ)^2 \quad (1-e^{-S})}{R^2}$	Pt^2 (Column i)	$P_t^2 + R^2$	P_w

OCT 25 1957
OIL CON. COM
DIST. 3