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 BALLARD PC Formation PICTURED CLIFF County RA

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

Operator SKELLY OIL CO. Lease V. R. NORDHAUS Well No. 1

Unit D Sec. 19 Twp. 25N Rge. 7W Pay Zone: From 2204 To 2272

Casing: OD 5½ WT. _____ Set At 2348 Tubing: OD 1" WT. _____ T. Perf. 2212

Produced Through: Casing X Tubing _____ Gas Gravity: Measured .675 Estimated _____

Date of Flow Test: From _____ To _____ * Date S.I.P. Measured 4-3-57

Meter Run Size 4" Orifice Size 1.500 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 (7.35)^2 x sp. const. 500	=	270	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	_____	psia	(h)
P_t = (h) + (f)	=	270	psia	(i)
Wellhead casing shut-in pressure (Dwt) 825	psig + 12 =	837	psia	(j)
Wellhead tubing shut-in pressure (Dwt) _____	psig + 12 =	_____	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	837	psia	(l)
Flowing Temp. (Meter Run) 66 °F + 460	=	526	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	418	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n$ = 1578 $\left[\frac{525,845}{627,669} \right]^{.8603}$ = 1358 MCF/da.

SUMMARY

P_c =	837	psia
Q =	1578	Mcf/day
P_w =	270	psia
P_d =	418	psia
D =	1358	Mcf/day

Company GEOLECTRIC, INC.
By B. H. KEVER
Title AGENT
Witnessed by _____
Company _____

RECEIVED
OCT 28 1957
OIL CON. COM.
DIST. 3

* 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)	$P_c^2 + R^2$	P_c