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 PC Formation PICTURED CLIFF County SJ

Purchasing Pipeline EL PASO NATURAL GAS CO Date Test Filed MAY 23, 1958

Operator R & G DRILLING CO. Lease HAMMOND Well No. 37

Unit L Sec. 35 Twp. 27 N Rge. 8W Pay Zone: From 2190 To 2270

Casing: OD 5½ WT. _____ Set At 2347 Tubing: OD 3/4 WT. _____ T. Perf. 2240

Produced Through: Casing X Tubing _____ Gas Gravity: Measured .660 Estimated _____

Date of Flow Test: From 3-23 To 3-30 * Date S.I.P. Measured AUG 2, 1957

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 (6.75)^2 x sp. const. 500	=	228	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	228	psia	(h)
P_t = (h) + (f)	=	228	psia	(i)
Wellhead casing shut-in pressure (Dwt) 830	psig + 12 =	842	psia	(j)
Wellhead tubing shut-in pressure (Dwt)	_____ psig + 12 =	_____	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	842	psia	(l)
Flowing Temp. (Meter Run) 45 °F + 460	=	505	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	421	psia	(n)

FLOW RATE CALCULATION

Q = 64 (integrated) x $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \_\_\_\_ = \_\_\_\_ \right)^*$ = _____ MCF/da

DELIVERABILITY CALCULATION

$D = Q \left[\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right) = \frac{531,723}{656,980} \right]^n$ .8354 = 50 MCF/da.

SUMMARY

P_c =	842	psia
Q =	64	Mcf/day
P_w =	228	psia
P_d =	421	psia
D =	50	Mcf/day

Company GEO LECTRIC INC.
By _____
Title AGENT
Witnessed by _____
Company _____

RECEIVED MAY 26 1958 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)	$P_t^2 + R^2$	P_w
			NEGLIGIBLE			