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 P.C. Formation PICTURED CLIFFS County RIO ARRIBA

Purchasing Pipeline EL PASO NATURAL GAS COMPANY Date Test Filed 4-7-58

Operator KING-LOC PETROLEUM CO. Lease MKL Well No. 1-3

Unit P Sec. 6 Twp. 26N Rge. 7W Pay Zone: From 2157 To 2229

Casing: OD 7" WT. ____ Set At 2157 Tubing: OD 2" WT. 4.7# T. Perf. 2197

Produced Through: Casing X Tubing ____ Gas Gravity: Measured 0.645 Estimated ____

Date of Flow Test: From 1-23-58 To 1-31-58 * Date S.I.P. Measured 5-15-57

Meter Run Size 4" Orifice Size 1.000 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	=	245	psia	(g)
Corrected seven day avge. meter press. (p_f) (g) + (e)	=	245	psia	(h)
P_t = (h) + (f)	=	245	psia	(i)
Wellhead casing shut-in pressure (Dwt) 458	psig + 12 =	470	psia	(j)
Wellhead tubing shut-in pressure (Dwt) ____	psig + 12 =	-	psia	(k)
P_c = (j) or (k) whichever well flowed through	=	470	psia	(l)
Flowing Temp. (Meter Run) 46 °F + 460	=	506	°Abs	(m)
P_d = ½ P_c = ½ (l)	=	235	psia	(n)

FLOW RATE CALCULATION

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

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} = \frac{165,700}{160,900}\right]^n$ 1.025 = 270 MCF/da.

SUMMARY

P_c =	470	psia
Q =	263	Mcf/day
P_w =	245	psia
P_d =	235	psia
D =	270	Mcf/day

Company KING-LOC PETROLEUM CO.
By [signature]
Title Engineer
Witnessed by ____
Company ____

* This is date of completion test.
* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-s})$	$(F_cQ)^2$	$\frac{(F_cQ)^2 (1-e^{-s})}{R^2}$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
			Friction negligible			

RECEIVED
APR 8 1958
OIL CON. COM.
DIST. 3