Form C-122-A

Revised April 20, 1955

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 _____ Formation _____ County _____

Purchasing Pipeline _____ Date Test Filed _____

Operator _____ Lease _____ Well No. __1__

Unit __1__ Sec. __ Twp. ___ Rge. ___ Pay Zone: From _____ To _____

Casing: OD ____ WT. _____ Set At _____ Tubing: OD __1__ WT. _____ T. Perf. _____

Produced Through: Casing _____ Tubing __X__ Gas Gravity: Measured _____ Estimated _____

Date of Flow Test: From __1/8/56__ To __1/14/56__ * Date S.I.P. Measured _____

Meter Run Size __4"__ Orifice Size _____ Type Chart _____ Type Taps _____

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. __5.00__ = _____ psia (g)

  Corrected seven day avge. meter press. (p_f) (g) + (e) = _____ psia (h)

P_t = (h) + (f)   = _____ psia (i)

Wellhead casing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (j)

Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (k)

P_c = (j) or (k) whichever well flowed through   = _____ psia (l)

Flowing Temp. (Meter Run)   ____°F + 460   = _____ °Abs (m)

P_d = ½ P_c = ½ (l)   = _____ psia (n)

FLOW RATE CALCULATION

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

(integrated)

DELIVERABILITY CALCULATION

$$D = Q \underline{\quad} \left[\frac{(P_c^2 - P_d^2) = \underline{\quad}}{(P_c^2 - P_w^2) = \underline{\quad}} \right]^n \underline{\quad} = \underline{\quad} \text{MCF/da.}$$

SUMMARY

P_c = _____ psia

Q = _____ Mcf/day

P_w = _____ psia

P_d = _____ psia

D = _____ Mcf/day

Company _____

By _____ /s/ W. J. McConnathy

Title _____

Witnessed by _____

Company _____

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_cQ)2$	$\dfrac{(F_cQ)^2 \ (1-e^{-S})}{R^2}$	$\dfrac{P_t^2}{\text{(Column i)}}$	$P_t^2 + R^2$	P_w
970	.060	_____	_____	_____	_____	306