

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & SELL DAKOTA
EXCEPT BARKER DOME STORAGE AREA)

Pool Formation County
Purchasing Pipeline Date Test Filed

Operator Lease Well No.
Unit Sec. Twp. Rge. Pay Zone: From To
Casing: OD WT. Set At Tubing: OD WT. T. Perf.
Produced Through: Casing Tubing Gas Gravity: Measured Estimated
Date of Flow Test: From To * Date S.I.P. Measured
Meter Run Size Orifice Size Type Check 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 () ² x sp. const.	=	psia	(g)
Corrected seven day avg. 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	(m)
P _d = 1/2 P _C = 1/2 (l)	=	psia	(n)

FLOW RATE CALCULATION

Q = _____ X _____
(Integrated)

($\frac{\sqrt{(c)}}{\sqrt{(d)}}$) = _____ = _____ = _____ MCF/day

DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n \frac{MCF}{da}$$

SUMMARY

$P_c =$ _____ psia
 $Q =$ _____ Mcf/day
 $P_w =$ _____ psia
 $P_d =$ _____ psia
 $D =$ _____ Mcf/day

Company _____
By _____ *W. E. Maguire*
Title _____
Witnessed by _____
Company _____

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

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$ R^2	R^2 (Column 1)	$P_t^2 + R^2$	P_w
2.209	0.999	0.000	0.000	0.000	0.000	0.000

RECEIVED
AUG 6 1956
OIL CON. COM.
DIST. 3

