

NEW MEXICO GAS 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 **[REDACTED]** State **[REDACTED]** Formation **[REDACTED]** County **[REDACTED]**

Purchasing Pipeline **[REDACTED]** Date Test Filed **[REDACTED]**

Operator **[REDACTED]** Lease **[REDACTED]** Well No. **[REDACTED]**

Unit **[REDACTED]** Sec. **[REDACTED]** Twp. **[REDACTED]** Rge. **[REDACTED]** Pay Zone: From **[REDACTED]** To **[REDACTED]**

Casing: OD **[REDACTED]** WT **[REDACTED]** Set At **[REDACTED]** Tubing: OD **[REDACTED]** WT **[REDACTED]** T. Perf. **[REDACTED]**

Produced Through: Casing **[REDACTED]** Tubing **[REDACTED]** Gas Gravity: Measured **[REDACTED]** Estimated **[REDACTED]**

Date of Flow Test: From **[REDACTED]** To **[REDACTED]** * Date S.I.P. Measured **[REDACTED]**

Meter Run Size **[REDACTED]** Orifice Size **[REDACTED]** Type Chart **[REDACTED]** Type Tops **[REDACTED]**

OBSERVED DATA

Flowing casing pressure (Dwt) **[REDACTED]** psig + 12 = **[REDACTED]** psia (a)

Flowing tubing pressure (Dwt) **[REDACTED]** psig + 12 = **[REDACTED]** psia (b)

Flowing meter pressure (Dwt) **[REDACTED]** psig + 12 = **[REDACTED]** psia (c)

Flowing meter pressure (meter reading when Dwt. measurement taken):

Normal chart reading **[REDACTED]** psig + 12 = **[REDACTED]** psia (d)

Square root chart reading **[REDACTED]** \times spring constant **[REDACTED]** = **[REDACTED]** psia (d)

Meter error (c) - (d) or (d) - (c) **[REDACTED]** \pm **[REDACTED]** psi (e)

Friction loss, Flowing column to meter:

(b) - (c) Flow through tubing: (a) - (c) Flow through casing **[REDACTED]** = **[REDACTED]** psi (f)

Seven day average static meter pressure (from meter chart):

Normal chart average reading **[REDACTED]** psig + 12 = **[REDACTED]** psia (g)

Square root chart average reading **[REDACTED]** \times sp. const. **[REDACTED]** = **[REDACTED]** psia (g)

Corrected seven day avge. meter press. (p_f) (g) + (e)

$P_f = (h) + (f)$

Wellhead casing shut-in pressure (Dwt) **[REDACTED]** psig + 12 = **[REDACTED]** psia (i)

Wellhead tubing shut-in pressure (Dwt) **[REDACTED]** psig + 12 = **[REDACTED]** psia (k)

$P_c = (j) \text{ or } (k)$ whichever well flowed through **[REDACTED]** = **[REDACTED]** psia (l)

Flowing Temp. (Meter Run) **[REDACTED]** °F + 460 **[REDACTED]** °Abe (m)

$P_d = \frac{1}{2} P_c = \frac{1}{2} (l)$ **[REDACTED]** = **[REDACTED]** psia (n)

FLOW RATE CALCULATION

$Q =$ **[REDACTED]** (integrated) \times $\left(\frac{\sqrt{(c)} - \sqrt{(d)}}{\sqrt{(d)}} \right)^2 =$ **[REDACTED]** MCF/day

DELIVERABILITY CALCULATION

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

SUMMARY

$P_c =$ **[REDACTED]** psia

Company **[REDACTED]**

$Q =$ **[REDACTED]** Mcf/day

By **[REDACTED]**

$P_w =$ **[REDACTED]** psia

Title **[REDACTED]**

$P_d =$ **[REDACTED]** psia

Witnessed by **[REDACTED]** ORIGINAL SIGNED BY

$D =$ **[REDACTED]** Mcf/day

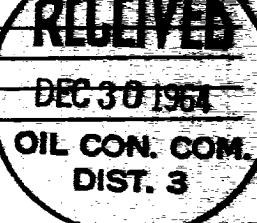
Company **[REDACTED]** F. W. Fout

* This is date of completion test.

* Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	$(1-e^{-S})$	$(F_c Q)^2$	$\frac{(F_c Q)^2}{R^2}$	$(1-e^{-S})$	P_t^2 (Column i)	$P_t^2 + R^2$	P_w
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]



OK