

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)

South Elmore Pictured Cliffs
Pool _____ Formation _____ Co. _____
Purchasing Pipeline _____ Date Test Filed _____
Operator _____ Lease _____ Well No. _____
Unit _____ Sec. _____ Twp. _____ Pay Zone _____ To _____
Casing: OD _____ WT. _____ Set At _____ Tubing: OD _____ 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 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 ()² x sp. const. _____ = _____ 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 = 1/2 P_c = 1/2 (l) _____ = _____ psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{V(c)}{V(d)}} = \frac{1.000}{ } \right) = \frac{111}{ } \text{ MCF/da}$
(Integrated)

D = Q $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{111}{ } \text{ MCF/da.}$
DELIVERABILITY CALCULATION

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

Asker Oil & Gas Company
ORIGINAL SIGNED BY L. M. STEVENS
By _____
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 R ²	(1-e ^{-S})	P _t ² (Column i)	P _t ² + R ²	P _w
Friction loss is negligible							

* Being tested up. Not used in calculation.
Note: Not calculated on 45 hours production. Meter down.

OK

