

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 Undesignated Formation Pictured Cliff County San Juan
Purchasing Pipeline El Paso Date Test Filed _____

Operator Wood River Oil & Ref Co. Lease Greer Well No. 2
Unit E Sec. 16 Twp. 26 N Rge. 9 W Pay Zone: From 1976 To 2025
Casing: OD 5 1/2 WT. 20 Set At 1976 Tubing: OD 2 1/2 WT. 6.50 T. Perf. 1966
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .645 Estimated _____
Date of Flow Test: From 2-1-56 To 2-8-56 * Date S.I.P. Measured 7-26-55
Meter Run Size 4 Orifice Size _____ Type Chart Sq Rt Type Taps Flg

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 (6.95) ² x sp. const. 500 = 241 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 241 psia (h)
P_t = (h) + (f) = 241 psia (i)
Wellhead casing shut-in pressure (Dwt) 608 psig + 12 = 618 psia (j)
Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (k)
P_c = (j) or (k) whichever well flowed through = 618 psia (l)
Flowing Temp. (Meter Run) 50 °F + 460 = 510 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) = 309 psia (n)

FLOW RATE CALCULATION

Q = 608 X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right)^* = \underline{608}$ MCF/da
(integrated)

DELIVERABILITY CALCULATION

D = Q 608 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \underline{.90116} = \underline{548}$ MCF/da.

SUMMARY

P_c = 618 psia
Q = 608 Mcf/day
P_w = 241 psia
P_d = 309 psia
D = 548 Mcf/day

Company Wood River Oil & Ref. Co.
By _____
Title _____
Witnessed by Thurmond-McGlothlin
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 Negligable



OIL CONSERVATION COMMISSION

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