

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 Blanco Mesaverde Formation Mesaverde County RA
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed February 6, 1956

Operator Blackwood & Nichols Lease NE Blanco Unit Well No. 26-8
Unit N Sec. 8 Twp. 30N Rge. 7W Pay Zone: From _____ To _____
Casing: OD _____ WT. _____ Set At _____ Tubing: OD 2 WT. _____ T. Perf. 5390
Produced Through: Casing _____ Tubing I Gas Gravity: Measured .655 Estimated _____
Date of Flow Test: From 1/9/56 To 1/17/56 * Date S.I.P. Measured _____
Meter Run Size 4" Orifice Size _____ Type Chart Sq Rt Type Taps Flange

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 (7.75)² x sp. const. 10.00 _____ = 601 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = _____ psia (h)
P_t = (h) + (f) _____ = 601 psia (i)
Wellhead casing shut-in pressure (Dwt) 1107 psig + 12 = 1119 psia (j)
Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 1119 psia (l)
Flowing Temp. (Meter Run) 81 °F + 460 _____ = 541 °Abs (m)
P_d = ½ P_c = ½ (l) _____ = 559 psia (n)

FLOW RATE CALCULATION

Q = 2057 X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\text{_____}}{\text{_____}} = \text{_____} \right)^{\frac{1}{n}}$ = _____ MCF/da
(integrated)

DELIVERABILITY CALCULATION

D = Q 2057 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{939,640}{806,803} \right]^{\frac{1}{n}}$ 1.1177 = 2299 MCF/da.

SUMMARY

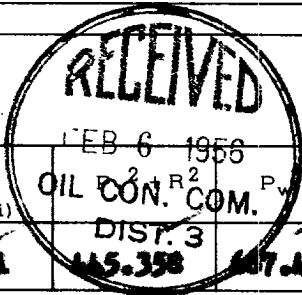
P_c = 1119 psia
Q = 2057 Mcf/day
P_w = 647 psia
P_d = 559 psia
D = 2299 Mcf/day

Company Geolotris, Inc
By W.J. McConathy *W. J. McConathy*
Title Agent
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})	P _t ²
			R ²	(Column i)
<u>3504</u>	<u>.225</u>	<u>374.032</u>	<u>84.157</u>	<u>361.201</u>



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