

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 El Paso Mesaverde Formation Mesaverde County El Arriba
Purchasing Pipeline El Paso Natural Gas Co Date Test Filed April 12, 1956
Operator Blackwood & Nichols Lease El Paso Unit Well No. 32-7
Unit A Sec. 7 Twp. 32N Rge. 7W Pay Zone: From _____ To _____
Casing: OD 3 1/2 WT. _____ Set At 5418 Tubing: OD 2 WT. _____ T. Perf. 5539
Produced Through: Casing _____ Tubing X Gas Gravity: Measured .649 Estimated _____
Date of Flow Test: From 3/23/56 To 3/24/56 * Date S.I.P. Measured _____
Meter Run Size 4" Orifice Size _____ Type Chart 34 R 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) _____ = 601 psia (h)
P_t = (h) + (f) _____ = 601 psia (i)
Wellhead casing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (j)
Wellhead tubing shut-in pressure (Dwt) 1107 psig + 12 = 1119 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 1119 psia (l)
Flowing Temp. (Meter Run) 60 °F + 460 _____ = 508 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 559 psia (n)

Q = 1054 X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(c)}} = \frac{\text{FLOW RATE CALCULATION}}{\sqrt{(d)}} \right) = \text{_____ MCF/da}$
(Integrated)

DELIVERABILITY CALCULATION
D = Q 1054 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \text{_____ MCF/da.}$
1.054

SUMMARY
P_c = 1119 psia
Q = 1054 Mcf/day
P_w = 601 psia
P_d = 559 psia
D = 1117 Mcf/day
Company Geolastria, Inc
By H. J. McCarthy W. J. McCarthy
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	P _t ² + R ²	P _w
			R ²	(Column i)		
<u>3615</u>	<u>.217</u>	<u>96.302</u>	<u>21.202</u>	<u>360.735</u>	<u>383.492</u>	<u>619.2</u>

361,201 383,492 619.2

OK



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