

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)

Pool BLANCO MESA VERDE Formation MESA VERDE County SJ
Purchasing Pipeline PACIFIC NORTHWEST PIPELINE CORP. Date Test Filed JUNE 23, 1958
Operator BLANCHARD-MICHOLS Lease NE BLANCO UNIT 43-11 Well No. 43-11
Unit N Sec. 11 Twp. 31N Rge. 7E Pay Zone: From 3632 To 3894
Casing: OD 5 1/4 WT. Set At 5930 Tubing: OD 2 3/8 WT. T. Perf. 3894
Produced Through: Casing Tubing X Gas Gravity: Measured .982 Estimated
Date of Flow Test: From 5-22 To 5-30 * Date S.I.P. Measured 1-15-58
Meter Run Size 4" Orifice Size 1.250 Type Chart SR 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 463 psig + 12 = 475 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) = 475 psia (i)
Wellhead casing shut-in pressure (Dwt) psig + 12 = psia (j)
Wellhead tubing shut-in pressure (Dwt) 1094 psig + 12 = 1106 psia (k)
P_c = (j) or (k) whichever well flowed through = 1106 psia (l)
Flowing Temp. (Meter Run) 66 °F + 460 = 916 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) = 553 psia (n)

FLOW RATE CALCULATION

Q = 350 X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right) = \text{ } \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 350 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \text{ } \text{ MCF/da.}$
917,427 .9405 332

SUMMARY

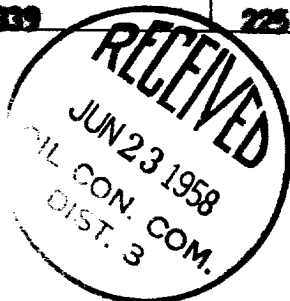
P_c = 1106 psia
Q = 350 Mcf/day
P_w = 477 psia
P_d = 553 psia
D = 332 Mcf/day

Company Gas Extra, Inc
By B.H. Rogers
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)		
3348	.216	10,828	2,339	225,625	227,964	477



1. The first part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

2. The second part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

3. The third part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

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