

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 Ballard Formation Pictured Cliff County San Juan
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____
Operator Petro Atlas Lease Delack Well No. 1
Unit P Sec. 1 Twp. 25 Rge. 8 Pay Zone: From 2673 To 2683
Casing: OD 5 1/2 WT. 2 Set At 2728 Tubing: OD 1" 2730 WT. 2746 T. Perf. 2737
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .665 Estimated _____
Date of Flow Test: From Feb. 28, 1957 To Mar. 8, 57 * Date S.I.P. Measured December 19, 1956
Meter Run Size _____ Orifice Size 1.000 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 (7.40) ² x sp. const. 500 = 274 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 274 psia (h)
P_f = (h) + (f) _____ = 274 psia (i)
Wellhead casing shut-in pressure (Dwt) 660 psig + 12 = 660 psia (j)
Wellhead tubing shut-in pressure (Dwt) 660 psig + 12 = 660 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 660 psia (l)
Flowing Temp. (Meter Run) 43 °F + 460 _____ = 503 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 330 psia (n)

FLOW RATE CALCULATION

$$Q = \frac{212}{(\text{integrated})} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right) = \frac{212}{1} = 212 \text{ MCF/day}$$

DELIVERABILITY CALCULATION

$$D = Q \frac{212}{\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n} = \frac{212}{\left[\frac{660^2 - 330^2}{660^2 - 274^2} \right]^{.9962}} = 195 \text{ MCF/day}$$

SUMMARY

P_c = 660 psia
Q = 212 Mcf/day
P_w = 274 psia
P_d = 330 psia
D = 195 Mcf/day
Company El Paso Natural Gas Company
By Original Signed
Title Lewis D. Galloway
Witnessed by _____
Company _____

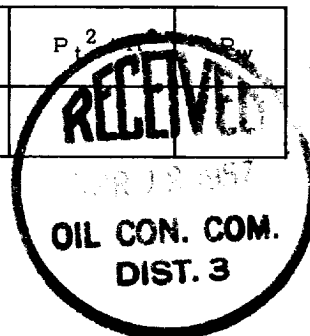
- * This is date of completion test.
- * Meter error correction factor

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ^{-S})	(F _c Q) ²	(F _c Q) ² (1-e ^{-S}) R ²	P _t ² (Column i)	P _t ² - P _w ²
			Friction Negligible		

3 @ 250 = 215

OK



1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

2. The second part of the document is a list of items and their prices. The items are: Apples, Bananas, and Oranges. The prices are: \$1.00, \$0.50, and \$0.75.

3. The third part of the document is a list of dates and times. The dates are: 1/1/2020, 2/1/2020, and 3/1/2020. The times are: 10:00 AM, 11:00 AM, and 12:00 PM.

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.