

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 San Juan
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____
Operator El Paso Natural Gas Lease Newberry Well No. 3
Unit A Sec. 8 Twp. 31 Rge. 12 Pay Zone: From 4754 To 5001
Casing: OD 5-1/2 WT. 15.5 Set At 5072 Tubing: OD 2 WT. 4.7 T. Perf. 4943
Produced Through: Casing _____ Tubing X Gas Gravity: Measured 695 Estimated _____
Date of Flow Test: From 2/28/58 To 3/8/58 * Date S.I.P. Measured 5-7-57
Meter Run Size 4 Orifice Size _____ 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 (7.55) ² x sp. const. 10 _____ = 570 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 570 psia (h)
P_t = (h) + (f) _____ = 570 psia (i)
Wellhead casing shut-in pressure (Dwt) 731 psig + 12 = 743 psia (j)
Wellhead tubing shut-in pressure (Dwt) 730 psig + 12 = 742 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 742 psia (l)
Flowing Temp. (Meter Run) _____ °F + 460 _____ = _____ °Abs (m)
P_d = ½ P_c = ½ (l) _____ = 371 psia (n)

FLOW RATE CALCULATION

$$Q = \text{(integrated)} \times \left(\frac{\sqrt{(c)}}{\sqrt{(d)}} = \frac{\quad}{\quad} = \quad \right)^* = \underline{328} \text{ MCF/da}$$

DELIVERABILITY CALCULATION

$$D = Q \underline{328} \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{412923}{223562} \right]^n \frac{1.8470}{1.5845} = \underline{520} \text{ MCF/da.}$$

Free Piston Installed 1/23/58

SUMMARY

P_c = 742 psia
Q = 328 Mcf/day
P_w = 572 psia
P_d = 371 psia
D = 520 Mcf/day

Company El Paso Natural Gas
By Donald E. Kendrick
Title _____
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 (Column 4)	P _t ² + R ²	P _w
3435	.221	9.511	2102	324900	327002	572

D at 500 = 394



EXCEPT WHERE SHOWN OTHERWISE, THIS INFORMATION IS UNCLASSIFIED
DATE 06-08-2007 BY 60322 UCBAW/BJS

IT TO BE USED FOR FRUITFUL AND WISE USE OF THE INFORMATION & ALL DATA

SECRET

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_____ Division of Special Services

Use of How "We" went to and

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DECLASSIFIED

Page 10 of 10

(b)(7) - Exemption from public release

_____ (FOI) 2025111903 001001

Lowland forest vegetation

1944

(b) - (b) no file - (c) no file

system of manual control. The system is based on the following column of material:

of 7 (e) - (e) : part of speech of word (e) - (e)

Will you please let me know if you have

10-10-68

1997-1998

100

(b) (7) - (D) Exempt from public release

_____ (Signature) _____

SECRET

7-10-1957

NOTED BY THE FBI

REPORT

DELIVERABLES BY CATEGORY

22-00000-0

[illegible]

CONFIDENTIAL

FRANCE

blac	34	0
year: 1961	35	0
blac	36	0
blac	37	0
year: 1962	38	0

* 1960-1961 *
* 1962-1963 *

REMARKS ON THEORETICAL CONSIDERATIONS

[illegible]

4002 1000

