

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 Company Date Test Filed _____
Operator El Paso Natural Gas Company Lease SJ 32-9 Unit Well No. 49
Unit B Sec. 23 Twp. 32 Rge. 10 Pay Zone: From 5964 To 6021
Casing: OD 7 5/8 WT. 26.4 Set At 3960 Tubing: OD 2 WT. 4.7 T. Perf. 5943
Produced Through: Casing _____ Tubing X Gas Gravity: Measured .600 Estimated _____
Date of Flow Test: From 1-8 To 1-16-58 * Date S.I.P. Measured 8-9-57 (9 days)
Meter Run Size _____ 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 (7.05)² x sp. const. 10 = 497 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 497 psia (h)
P_t = (h) + (f) = 497 psia (i)
Wellhead casing shut-in pressure (Dwt) 1014 psig + 12 = 1026 psia (j)
Wellhead tubing shut-in pressure (Dwt) 1014 psig + 12 = 1026 psia (k)
P_c = (j) or (k) whichever well flowed through = 1026 psia (l)
Flowing Temp. (Meter Run) 88 °F + 460 = 548 ° Abs (m)
P_d = ½ P_c = ½ (l) = 513 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(c)} = \text{_____} = \text{_____}} \right)^* = \text{2958} \text{ MCF/da}$
(integrated) $\sqrt{(d)} = \text{_____}$

DELIVERABILITY CALCULATION

D = Q 2958 $\left[\frac{(P_c^2 - P_d^2) = \text{789.507}}{(P_c^2 - P_w^2) = \text{629.320}} \right]^n \frac{1.2545}{1.1855} = \text{3507} \text{ MCF/da.}$

SUMMARY

P_c = 1026 psia
Q = 2958 Mcf/day
P_w = 651 psia
P_d = 513 psia
D = 3507 Mcf/day

Company El Paso Natural Gas Company
By _____
Title _____
Witnessed by Louis D. Galloway
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 + R ²	P _w
3566	.228	773.452	176,347	247009	423356	651

D at 500 = 2916



1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it sets out the President's policy for the new year.

2. The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1861. It contains a detailed account of the financial state of the country, and of the measures which have been taken to improve it.

3. The third part of the document is a report from the Secretary of the Interior, dated January 1, 1861. It contains a detailed account of the state of the public lands, and of the measures which have been taken to improve them.

4. The fourth part of the document is a report from the Secretary of the War, dated January 1, 1861. It contains a detailed account of the state of the army, and of the measures which have been taken to improve it.

5. The fifth part of the document is a report from the Secretary of the Navy, dated January 1, 1861. It contains a detailed account of the state of the navy, and of the measures which have been taken to improve it.

6. The sixth part of the document is a report from the Secretary of the State, dated January 1, 1861. It contains a detailed account of the state of the foreign relations of the country, and of the measures which have been taken to improve them.

7. The seventh part of the document is a report from the Secretary of the War, dated January 1, 1861. It contains a detailed account of the state of the army, and of the measures which have been taken to improve it.

8. The eighth part of the document is a report from the Secretary of the Navy, dated January 1, 1861. It contains a detailed account of the state of the navy, and of the measures which have been taken to improve it.

9. The ninth part of the document is a report from the Secretary of the State, dated January 1, 1861. It contains a detailed account of the state of the foreign relations of the country, and of the measures which have been taken to improve them.

10. The tenth part of the document is a report from the Secretary of the War, dated January 1, 1861. It contains a detailed account of the state of the army, and of the measures which have been taken to improve it.