

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)

72-187-01

Pool South Blanco Formation Pictured Cliffs County San Juan
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease Bolack Well No. 11-C (P)
Unit K Sec. 28 Twp. 27 Rge. 8 Pay Zone: From 2222 To 2238
Casing: OD 7-5/8 WT. 26.4 Set At 4386 Tubing: OD 1-1/4 WT. 4.7 T. Perf. 2203
Produced Through: Casing _____ Tubing X Gas Gravity: Measured .653 Estimated _____
Date of Flow Test: From 8/7/58 To 8/15/58 * Date S.I.P. Measured 3/10/58 (15 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 (6.6) ² x sp. const. 5 _____ = 218 psia (g)
Corrected seven day avg. meter press. (p_f) (g) + (e) _____ = 218 psia (h)
P_t = (h) + (f) _____ = 218 psia (i)
Wellhead casing shut-in pressure (Dwt) 808 psig + 12 = 820 psia (j)
Wellhead tubing shut-in pressure (Dwt) 808 psig + 12 = 820 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 820 psia (l)
Flowing Temp. (Meter Run) _____ 72 °F + 460 _____ = 532 °Abs (m)
P_d = ½ P_c = ½ (l) _____ = 410 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\frac{\sqrt{(c)}}{\sqrt{(d)}}} \right)^* = \underline{197} \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 197 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{504300}{622547} \cdot \frac{.8100^{.85}}{.8360} = \underline{165} \text{ MCF/da.}$

SUMMARY

P_c = 820 psia Company El Paso Natural Gas
Q = 197 Mcf/day By Original Signed
P_w = 223 psia Title Harold L. Kendrick
P_d = 410 psia Witnessed by _____
D = 165 Mcf/day 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
1439	.099	23,523	2329	47524	49853	223

D at 250 = 191

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. The second part outlines the specific procedures for recording transactions, including the use of standardized forms and the requirement for dual signatures.

- 1. All transactions must be recorded in the designated ledger.
- 2. Records must be maintained for a minimum of five years.
- 3. Regular audits will be conducted to ensure compliance.
- 4. Any discrepancies must be reported immediately.
- 5. The system will be updated quarterly.

It is the responsibility of all staff members to ensure that these procedures are followed strictly. Failure to do so may result in disciplinary action.

For further information, please contact the Finance Department. Your cooperation is appreciated.