

**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 AREAS)

Pool El Paso Natural Gas Formation El Paso County El Paso
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed 6/2/55

Operator El Paso Natural Gas Lease 200-500-10-5 Well No. 1
Unit 1 Sec. 1 Twp. 1 Rge. 1 Pay Zone: From 1 To 1
Casing: OD 7 WT. 22 Set At 1000 Tubing: OD 2 WT. 1.7 T. Prof. 1000
Produced Through: Casing 1 Tubing 1 Gas Gravity: Measured 1.000 Estimated 1.000
Date of Flow Test: From 5/1 To 6/1 * Date S.I.P. Measured 5/1/55
Meter Run Size 1 Orifice Size 1 Type Chart 1 Type Tape 1

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 (_____) ² x sp. const. _____ = _____ psia (g)
Corrected seven day avge. meter press. (p_g) (g) + (e) _____ = _____ psia (h)
P_t = (h) + (f) _____ = _____ psia (i)
Wellhead casing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (j)
Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (k)
P_c = (i) or (k) whichever well flowed through _____ = _____ psia (l)
Flowing Temp. (Meter Run) _____ °F + 460 _____ = _____ °R (m)
P_d = $\frac{1}{2} P_c = \frac{1}{2} (l)$ _____ = _____ psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right) =$ _____ MCF/day
(Integrated)

DELIVERABILITY CALCULATION

D = Q _____ $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n =$ _____ MCF/day

SUMMARY

P_c = _____ psia Company _____
Q = _____ Mcf/day By _____
P_w = _____ psia Title _____
P_d = _____ psia Witnessed by _____
D = _____ Mcf/day Company _____

* This is data of completion test.
* Meter error correction factor _____

REMARKS OR FRICTION CALCULATIONS

GL	(1-e ⁻²)	(F _c Q) ²	(F _c Q) ² (1-e ⁻²) R ²	P _t ² (Column 1)	P _t ² + P _w ²	P _w



MEMORANDUM FOR THE RECORD

On May 1, 1944, the following information was received from the Santa Fe Office of the U. S. G. S. regarding the proposed construction of a new road through the Santa Fe National Monument. The road is to be constructed from the existing road at the intersection of the Santa Fe River and the Santa Fe River, and is to be constructed through the Santa Fe National Monument. The road is to be constructed from the existing road at the intersection of the Santa Fe River and the Santa Fe River, and is to be constructed through the Santa Fe National Monument. The road is to be constructed from the existing road at the intersection of the Santa Fe River and the Santa Fe River, and is to be constructed through the Santa Fe National Monument.

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Very truly yours,
[Signature]

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
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DISTRIBUTION		
	NO. FURNISHED	
Operator		
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓

