

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 Elanco Formation Mesa Verde County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____
Operator El Paso Natural Gas Lease San Juan 28-7 Well No. 47
Unit A Sec. 20 Twp. 28 Rge. 7 Pay Zone: From 4305 To 5056
Casing: OD 5-1/2 WT. 15.5 Set At 5107 Tubing: OD 2 WT. 4.7 T. Perf. 4982
Produced Through: Casing X Tubing _____ Gas Gravity: Measured .695 Estimated _____
Date of Flow Test: From 11/8 To 11/16/57 * Date S.I.P. Measured 4/24/57
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 (7.10) ² x sp. const. .10 _____ = 504 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 504 psia (h)
P_t = (h) + (f) _____ = 504 psia (i)
Wellhead casing shut-in pressure (Dwt) 692 psig + 12 = 704 psia (j)
Wellhead tubing shut-in pressure (Dwt) 687 psig + 12 = 699 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 704 psia (l)
Flowing Temp. (Meter Run) 62 °F + 460 _____ = 522 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 352 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right) = \underline{675}$ MCF/da
(integrated)

DELIVERABILITY CALCULATION

D = Q 675 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n = \underline{933}$ MCF/da.
 $\frac{371,712}{241,600}$ $\frac{1.5385}{1.3815}$

SUMMARY

P_c = 704 psia
Q = 675 Mcf/day
P_w = 504 psia
P_d = 352 psia
D = 933 Mcf/day

CORRECTED COPY

Company El Paso Natural Gas
By _____
Title Original Signed
Witnessed by Lewis D. Galloway
Company _____

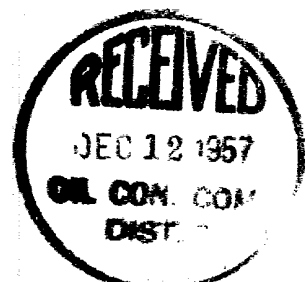
- * This is date of completion test.
- * Meter error correction factor

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
			FRICTION NEGLECTED			

D at 500 = 658

OK



MEMORANDUM FOR THE DIRECTOR, FBI
FROM: SAC, NEW YORK (100-100000)

SUBJECT: [Illegible]

RE: [Illegible]

DATE: [Illegible]

TO: [Illegible]

FROM: [Illegible]

[Illegible text block]

[Illegible text block]

[Illegible text block]

[Illegible text block]

ADMINISTRATIVE

[Illegible text block]

IN WITNESS WHEREOF

DATE: [Illegible]

