

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)

72-241

Pool Elanco Formation Mesa Verde County San Juan
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____

Operator El Paso Natural Gas Lease San Juan 32-9 Unit Well No. 63
Unit G Sec. 36 Twp. 32 Rge. 9 Pay Zone: From 5556 To 5932
Casing: OD 5-1/2 WT. 15.5 Set At 6030 Tubing: OD 2 WT. 4.7 T. Perf. 5864
Produced Through: Casing _____ Tubing X Gas Gravity: Measured .595 Estimated _____
Date of Flow Test: From 9/29/58 To 10/7/58 * Date S.I.P. Measured 6/13/58
Meter Run Size _____ Orifice Size 1.250 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 (6.55) ² x sp. const. 10 _____ = 429 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 429 psia (h)
P_t = (h) + (f) _____ = 429 psia (i)
Wellhead casing shut-in pressure (Dwt) 1080 psig + 12 = 1092 psia (j)
Wellhead tubing shut-in pressure (Dwt) 1085 psig + 12 = 1097 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 1097 psia (l)
Flowing Temp. (Meter Run) 83 °F + 460 _____ = 543 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 549 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(c)} = \text{_____} = \text{_____}} \right)^* = \underline{397}$ MCF/da
(Integrated) $\sqrt{(d)} = \text{_____}$

DELIVERABILITY CALCULATION

D = Q 397 $\left[\frac{(P_c^2 - P_d^2) = \underline{902008}}{(P_c^2 - P_w^2) = \underline{1016247}} \right]^n \frac{.8875}{.9144} = \underline{363}$ MCF/da.

SUMMARY

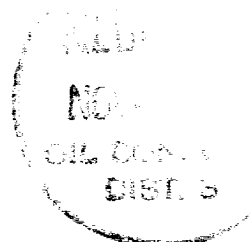
P_c = 1097 psia Company El Paso Natural Gas
Q = 397 Mcf/day By Original Signed
P_w = 433 psia Title Harold L. Kendrick
P_d = 549 psia Witnessed by _____
D = 363 Mcf/day Company _____

* 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
<u>3489</u>	<u>.224</u>	<u>13,935</u>	<u>3.21</u>	<u>184041</u>	<u>187162</u>	<u>433</u>

D at 500 = 374



UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

MEMORANDUM FOR THE DIRECTOR, FBI
SUBJECT: [Illegible]

10/10/50

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