

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 South Blanco Formation Pictured Cliff County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Date Test Filed _____
Operator El Paso Natural Gas Lease Johnston State Well No. 2
Unit B Sec. 36 Twp. 26 Rge. 6 Pay Zone: From 2860 To 2870
Casing: OD 5 1/2 WT. 15.5 Set At 2900 Tubing: OD 1 1/4 WT. 2.3 T. Perf. 2825
Produced Through: Casing _____ Tubing x Gas Gravity: Measured .685 Estimated _____
Date of Flow Test: From 6/8/57 To 6/16/57 * Date S.I.P. Measured 10/19/56 (8 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 (7.40)² x sp. const. 5 _____ = 274 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) _____ = 274 psia (h)
P_t = (h) + (f) _____ = 274 psia (i)
Wellhead casing shut-in pressure (Dwt) 993 psig + 12 = 1005 psia (j)
Wellhead tubing shut-in pressure (Dwt) 993 psig + 12 = 1005 psia (k)
P_c = (j) or (k) whichever well flowed through _____ = 1005 psia (l)
Flowing Temp. (Meter Run) 62 °F + 460 _____ = 522 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) _____ = 503 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right)^*$ = 221 MCF/da
(integrated)

DELIVERABILITY CALCULATION

D = Q 221 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n$ $\frac{.8130}{.8387}$ = 185 MCF/da.

SUMMARY

P_c = 1005 psia
Q = 221 Mcf/day
P_w = 281 psia
P_d = 503 psia
D = 185 Mcf/day

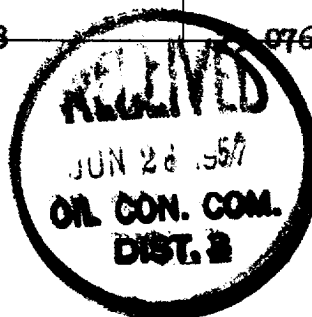
Company El Paso Natural Gas
By Original Signed
Title _____
Witnessed by Lewis D. Galloway
Company _____

* 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
1935	.131	29.604	3,878	876	78,954	281

D at 250 = 222



OK

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1. The first of these is the fact that the Commission has not yet received any information from the Government of the United States regarding the results of its investigation of the activities of the American Friends Service Committee in the Philippines.

1005-2005

- [illegible]

5524

[illegible]

10/2/22

1. *Phragmites* spp.

STATE OF TEXAS,
COUNTY OF DALLAS.I, JAMES D. GORDON,
County Clerk, do hereby certify that the
within and foregoing is a true and correct
copy of the original as the same appears
from the records of said County.

[illegible]

1980-1981

1982-1983

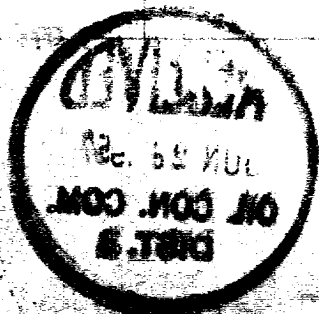
[illegible]

Figure 1