

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 Blanco Formation Mesa Verde County Rio Arriba
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____

Operator El Paso Natural Gas Lease San Juan Unit 30-6 Well No. 15
Unit L Sec. 29 Twp. 30N Rge. 7W Pay Zone: From 4938 To 5458
Casing: OD 5 1/2 WT. 14 Set At 5490 Tubing: OD 2 WT. 4.7 T. Perf. 5387
Produced Through: Casing _____ Tubing X Gas Gravity: Measured .700 Estimated _____
Date of Flow Test: From 2/8 To 2/17/57 * Date S.I.P. Measured 11/11/55
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 (7.5) ² x sp. const. 10 = 563 psia (g)
Corrected seven day avge. meter press. (p_f) (g) + (e) = 563 psia (h)
P_t = (h) + (f) = 563 psia (i)
Wellhead casing shut-in pressure (Dwt) 1020 psig + 12 = 1032 psia (j)
Wellhead tubing shut-in pressure (Dwt) 1011 psig + 12 = 1023 psia (k)
P_c = (j) or (k) whichever well flowed through = 1023 psia (l)
Flowing Temp. (Meter Run) 58 °F + 460 = 518 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) = 512 psia (n)

Q = _____ X $\left(\frac{\text{FLOW RATE CALCULATION}}{\sqrt{(c)}} = \frac{\text{_____}}{\sqrt{(d)}} = \text{_____} \right)^* = \underline{1324} \text{ MCF/da}$
(integrated)

DELIVERABILITY CALCULATION

D = Q 1324 $\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{784,385}{692,371} \right]^n \frac{1.1328}{1.0981} = \underline{1454} \text{ MCF/da.}$

SUMMARY

P_c = 1023 psia
Q = 1324 Mcf/day
P_w = 595 psia
P_d = 512 psia
D = 1454 Mcf/day

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

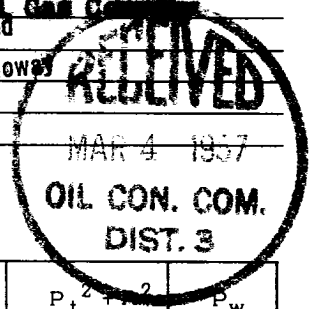
* This is date of completion test.
* Meter error correction factor

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 + 1.2 P _w	P _w
<u>3771</u>	<u>.240</u>	<u>154.953</u>	<u>37.189</u>	<u>116,969</u>	<u>354,158</u>	<u>595</u>

D @ 500 = 1398

OK



WELL TEST DATA SHEET -- ZAN 1001 BASHIN

EXCEPT BANNER CODE SHOULD BE KEPT
(TO BE USED FOR FRUITFUL, PROGRESS OF THE WORK, AND A NEW PAPER)

02550

entitled "Contract 1200"

and I would not have been able to do so without your help.

1997

1990

March 1960

3. **Interpretation:** The results suggest that the proposed model is effective in predicting the performance of the system. The model's performance is significantly better than the baseline model, indicating that the proposed model is a promising approach for predicting system performance.

A: A70495690

(b) Date _____

(d) Disc 31 + 3180 (w/2) outside of unit

(b) diag = 31 + 1884 (b)(7)(D) on going letter to [redacted]

(b) Place _____ Place _____ without credit from _____

(b) $\text{bleq}(\frac{1}{2}) = \frac{1}{2}$ (invariant under $x \rightarrow \frac{1}{x}$; balanced from left and right)

(b) - (e) to (b) - (e) and (e)

[illegible]

(b) _____

100-443887-100

(b) _____

(d) SIZE 085

Page 9

1080

(4) $\text{DIPQ} = \frac{\text{CSOI}}{\text{CSOI} + \text{PIAQ}}$ (with) equating methods applied to (1)-(3)

(1) Page 301

[illegible]

(n) _____

[illegible]

MOF-94

NOTA: L'USO UTILE E SVOLTO

10-10-68

SECRET

[Faint, illegible markings]

YES/NO

301

100

203

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

test re-designation in order to be

typici doštevajo leta v 100

RECEIVED

[illegible]

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