

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)

Ballard

Pictured Cliff

San Juan

Pool _____ Formation _____ County _____
Purchasing Pipeline El Paso Natural Gas Company Date Test Filed _____

El Paso Natural Gas Co. Huerfano Unit Well No. 27
Operator _____ Lease _____
Unit A Sec. 23 Twp. 26 Rge. 9 Pay Zone: From 2012 To 2062
Casing: OD 5 1/2 WT. 14 Set At 2012 Tubing: OD 1 WT. 2.4 T: Perf. 1958
Produced Through: Casing X Tubing _____ Gas Gravity: Measured _____ Estimated .670
Date of Flow Test: From 12/23 To 12/31 * Date S.I.P. Measured _____
Meter Run Size _____ Orifice Size _____ Type Chart Sq. Rt. Type Taps Flange

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 6.75 psig + 12 = _____ psia (g)
Square root chart average reading (_____) ² x sp. const. 5 = 228 psia (g)
Corrected seven day ave. meter press. (p_f) (g) + (e) = 228 psia (h)
P_t = (h) + (f) = 228 psia (i)
Wellhead casing shut-in pressure (Dwt) 643 psig + 12 = 655 psia (j)
Wellhead tubing shut-in pressure (Dwt) _____ psig + 12 = _____ psia (k)
P_c = (j) or (k) whichever well flowed through = 655 psia (l)
Flowing Temp. (Meter Run) 53 °F + 460 = 513 °Abs (m)
P_d = 1/2 P_c = 1/2 (l) = 328 psia (n)

FLOW RATE CALCULATION

Q = _____ X $\left(\frac{\sqrt{(c)}}{\sqrt{(d)}} \right)^* = \underline{540}$ MCF/da
(integrated)

DELIVERABILITY CALCULATION

D = Q 540 $\left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \underline{471}$ MCF/da.
 $\frac{.8525}{.8731}$

SUMMARY

P_c = 655 psia
Q = 540 Mcf/day
P_w = 228 psia
P_d = 328 psia
D = 471 Mcf/day

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

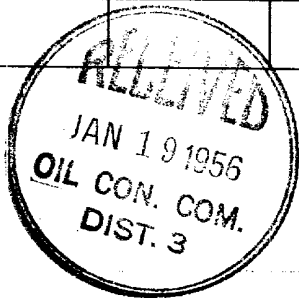
* This is date of completion test.
* Meter error correction factor

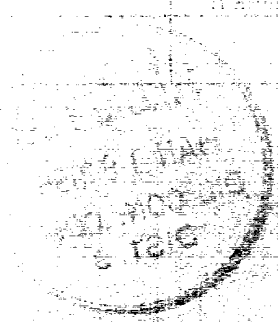
REMARKS OR FRICTION CALCULATIONS

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
			FRICION NEGLIGIBLE			

D @ 250 = 520

OK





DISTRIBUTION		
	NO.	
	FURNISHED	
Operator		
Sanra Pa	1	
Operation Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

DATE 9/6/60

Re: Operator El Paso Natural Gas Co.

Lease Huerfano

Well # 27 Unit Letter A S 23 T 26

R 9, POOL Ballard PC

☒ CURTAILMENT NOTICE

Re: Shut-In Notice No. Redist Schedule Dated July 7/31/60

The production for the above well for the month of July
as reflected by C-114's shows the curtailment volume to be 2070
MCF as of the end of July. Since your August allowable is in
excess of the curtailment volume, you are hereby authorized to produce 767
MCF during the month of August, but in no event shall the well's production exceed
that amount.

☐ CANCELLATION OF SHUT-IN NOTICE

No. _____ Dated _____

The production for the above well for the month of _____
as reflected by _____ shows that the curtailment volume shown on the Shut-In
Notice has been made up.

You are hereby authorized to resume production of the above referenced
well.

OIL CONSERVATION COMMISSION

BY ORIGINAL SIGNED
BY FRED MARES
GAS PRORATION SECTION