FEB 9 196**0**

Corrected Report

Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WENTESIA, OFFICE

Pool	Shugart.	-Penn	F	ormation	Penns	ylvania	n	_County	Eddy	
Init	ial X	Aı	nnual		Spec	cial		_Date of	Te st_1	-12&13-60
Comp	any Conti	cental (11 Comp	any	Lease	Greenwo	od Unit	Wel	1 No	6
Unit		Sec. <u>26</u>	_Twp 18	3 -8 Rg	ge. <u>31-</u>	E Purc	haser			
Casi	J S	t. 20#	_I.D48	3 92 Se	et at 12	.052 Pe	11, rf. 11.	2 2 0 381	11 To 11	,225 .390
Tubi	ng 2 3/8%	t. 1.74	I.D. 2	.0 41 Se	et at 11	170 Pe	rf. 11	530	To 11	E33
Gas	Pay: From	11,220 11,381 To	11,225	L		кG	=GL		Bar.Pre	ess. <u>13.2</u>
Prod	ucing Thru:	Casing	3	Tu	bing	X	Type We	ll Singl	le	
Date	of Complet	ion: 1 -	-14-60	Packe	r Guibe	Sin	gle-Brade Reservo	enhead-G.	G. or 0	G.O. Dual
	-					11,17 /ED DATA	Ö			
Test	ed Through	(Prover)	(Choke)	(Meter)			aetan	Twne Tan	Q	
			v Data	1100017		Tubing		Casing D		
No.	(Prover) (Line)		Press	· Diff.	Temp.	Press.	Temp.		Temp.	T I
	Size	Size		h _w	°F.	psig	°F.	psig	[⊃] F•	of Flow Hr.
SI 1.	2"	1 H	23#		60	2245 67	-	Packer		21 hr. SI 7 hrs.
2.	2"	1*	20		60	113	-	11	-	4 hrs
3.	2#	1#	18#		60	180	-	Ħ	-	5 hrs.
4. 5.	2"	3/4'	36#	ļ	60	350	-	п	-	6 hrs.
No. 1. 2. 3. 4.	Coefficient (24-Hour) √h _w p _i			Pressure			Gravity Compressions Factor Factor Factor Fpv .9359 .9359 .9359		Rate of Flow Q-MCFPD @ 15.025 pside 696.0 639.7 597.2	
5.							.9359			509.0
ravit	iquid Hydro	carbon Ra d Hydroca	tio12 rbons(1-e ^{-s})				Speci Speci	fic Gravi fic Gravi 258.2	ty_Flow	rator Gas 683 ring Fluid 888
No.	P _w * Pt (psia)	Pt ²	F _c Q	(F _c Q) ²	(F (1	(cQ) ² (-e ^{-s})	P _w 2	P _c -P _w ²	Ca P	Pw Pc
1.	80.2						6.4	5093.0		.0357
2. 3. 4.	126.2						15.9	5083.5	 	.0562
4.1	193.2 363.2	 -					37.3 131.9	5062.1 4967.6	+	0861 1618
5.							-Jeey	201-0	1	
COMP <i>I</i> ADDRI	ESS	CON	TINENTA ley Bui	lding,	Artesi	a, Nev				
	T and TITLE ESSED		W. Bing	ham, T	est Eng	ineer				
COMPA			Duncan	3 643	n					
O OPH P	****	Cor	tinents	TOT	VARGINO: War	ARKS				***************************************

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q = Actual rate of flow at end of flow period at W. H. working pressure (P_W) . MCF/da. @ 15.025 psia and 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwT Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- $h_{\mbox{\scriptsize W}}\mbox{\scriptsize =}\mbox{\scriptsize Differential meter pressure, inches water.}$
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\mathbf{W}}$ cannot be taken because of manner of completion or condition of well, then $P_{\mathbf{W}}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\mathbf{t}}$.