Form C-122

Revised 12-1-55

MULTI-POINT BACK	PRESSURE	TEST	FOR	GAS	WELLS
------------------	----------	------	-----	-----	-------

Pool	12a	dost	مد	ted			F	'orma	ation_	Dak	ota.				County_	. San	n June	<u> </u>
Initi	ial	I			Anz	nual				S <sub>1</sub>	pecia	al			Date of	Test_		18/60
Compa	anv A	stee	OL.	1 4 (		Cen	yesy	•	I	.ease		Astr	<b>10</b>		We	ell No.		7
												Purc						
Casir	ng N	1	- Wt.	9	.90	_I.I	) <u>, 4,</u>	090	Set	. at_	(	<b>6395</b> Pe	rf	6178	6786	To	64	97-6497
Tubir	ng I	l*	- Wt.		.7	_ _I.I	). <u>1</u>	.99	Set	at_	61,5	Pe:	rf	Ma o	llared.	_To		
Gas I	Pay:	From	- n 6	172	То	61	97		L	61,78	<b>x</b> G	0.650		GL	3999	Bar.F	ress.	12
Prod	ucing	Thru	1:	Cas	ing				Tub	oi.ng_		Sin	Ту	pe Wel	1	Singi	- 0 0	Dual
Date	of C	omp]e	etic	on:	w/.	1/60	)		Packer	. <b>3</b>	þ	Sin	gle- Re	Brader servo:	nnead-G ir Temp	• G• OI	· G.O.	M
	D-635					<del> </del>						DATA C						
			h 1			. (ci	noke	) <b>an</b>							Type T	aps		
resu	ed III	roug					ta				-т	Tubing	Dat	a	Casing	Data	<u> </u>	
$\neg$	(Pr	over	ΣŢ	(Chc	ke)		Pres	s.	Diff.	Tem	p.	Press.	7	Cemp.	Press.	Tem	p•	Duration of Flow
No.	(L	ine) ize	1	(Orif Si	`ice	)		- 1	· ·	!		psig	1		psig	<sup>2</sup> F		Hr.
SI		126	$\dashv$			$\dashv$	-	-	W		$\neg \dagger$	8098			8095			7 days
1.1			士	0.7	,D	$\Box$		丰				683		50			-+-	3 bears
2. 3.			‡					+			$\dashv$		T					
<del>2.</del>			Ì										1					
4. 5.										<u> </u>			ــــــــــــــــــــــــــــــــــــــ					
										FLOW	CAL	CULATION	NS_				I Par	to of Flow
		effi	cie	nt				Pres	sure	F]	Low 1	Temp.	Gr P	avity actor	Fac	ress.	Q	te of Flow -MCFPD 15.025 psia
No.	. (	21H	our	١.	7	h <sub>w</sub> p	_	gg	sia		F	t.	•	Fg	F,	ο <b>v</b>	@ :	15.025 psia
┰┼		, gog		<del></del>	\ <u>'</u>	W1	-	84	5	1	نازى	0	Ū,	3600	1.	437	14	59.7
1. 2. 3. 4.																<del></del>		
3.					ļ													
5.					┼──													
									DI	क्रद्रशा	RTC C	ALCU AT	TONS	}				
																		Ann Con
Gas I	Liquio	1 Нус	iroc	arbo	n R	atio				_ cf/				Speci	lfic Gr ific Gr	avity S avitv B	epara Nowin	tor Gas g Fluid
Grav:	ity o	f Lic	quid	l Hyd	roc	arbo ()	ons L-e <sup>-8</sup>	3)			deg.			P <sub>C</sub>	2307	P <sub>C</sub> _	<b>b.</b>	g Fluid
'c						<u></u> ١٠								Ü——				
	$P_{\mathbf{w}}$		$\neg$		2					2	<b>/</b> T	2 2		D 2	P <sub>C</sub> -	<sub>P</sub> 2	Cal.	Pur
No.	10,	(psia	ا ر	P	2 t	F	Q		(F <sub>c</sub> Q)	~	(1	$(c^{Q})^2$ $-e^{-s}$ )	.=	P <sub>w</sub> 2	, c	^W	P <sub>w_</sub>	Pw Pc
<del>-</del>	17t		<del>2</del> /					士					10.0	73.40	1,546	.048		
1. 2.								+							<del> </del>			
3. 4.			$\dashv$					+										ļ
5.															<u> </u>			
	olute			ial:		9	1,24	5		MC	FPD;	n	<b>475</b>					
ADD	PANY_ RESS	Best	7	105,	74			, 11	200000000000000000000000000000000000000	100				1. 11.				
AGE	NT an	d TI	TLE	OR	IGIN	AL SI	GNEI	BY I	M. STI	EVENS				<b>and and</b>				
	'NESSE (PANY_				<u></u>											TOP	1,00	<del></del>
JOI.	·· *****										RE	MARKS		-		211.	VID	
																n de de de de la	;	`\
															1	APR11		
															\0	IL CON		M./
															N. A.	DIST	г. З	1

## 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 I Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 F.
- $P_c$ = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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.
- $h_{\mathbf{W}}^{-}$  Differential meter pressure, inches water.
- $F_g = Gravity$  correction factor.
- $F_{t}$  Flowing temperature correction factor.
- $F_{pv}$  Supercompressability factor.
- n I Slope of back pressure curve.

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

OIL CONSERVATION COMMISSION AZTEC DISTRICT OFFICE									
No. Copies Received 3									
DISTRIBUTION									
	NO.								
Operator :	/								
Santa Fe	/								
Proration Office									
State Land Office									
U. S. G. S.									
Transporter									
File									
		-							