2	*	1 , 1	A	 000
ì	5 z	3 - 1 4		 000

 Revi	sed	12-	-1-	5	-

			]	MULTI	-POINT E	BACK PRES	SSURE TE	ST FOR GA	s wells	·	Revised 12-1-5	
Poc	ol Undesi	nated										
Ini	itial	X	Annua	L		Spec	cial		Date of	Test	6/16/56	
Сол	npanyTh	ne Ohio	011 Co	mpany	-	Lease_	Vm. Tur	ner	Wel	1 No	3	
	it I											
	sing 5.5											
Tub	oing 2.375	Wt. 4.	7 <sub>I.I</sub>	). <u> </u>	995 <sub>Se</sub>	t at 56	21.72 Pe	erf. 562	0	To	5621	
	Pay: From											
Dat	ducing Thru R <b>e-co</b> mpl e of Comple	etion:	6/7/5	6	Packe	r None	Sir e	gle-Brade Reserve	enhead-G.	G. or	G.O. Dual	
	re: Well S.	I. @ 3	:30 p.m	. 6/1	4/56	OBSERV		<del></del>	•	7		
Tes	Well op ted Through			-	6/56				Туре Тар	s		
		F	low Dat	a			Tubine	Data	Casing D	ata	<u> </u>	
,,	(Prover)	(Cho	ke) F		Diff.	Temp.		Temp.	Press.	Temp.	1	
No.	Size	ı	ze	psig	h <sub>w</sub>	o <sub>F</sub> .	psig	°F.	psig	∘ <sub>F</sub> .	of Flow Hr.	
SI	2 in.						1648	_l	1740	90	402 hrs. S.I.	
1.				1501	t		1501		1731	90	3 hrs.	
2.		1/2	. 1	1360 1006			1360	33	1631	90	3 hrs.	
3. 4.	- н	3/2		740			1006	74	1567	90	3 hrs.	
5.		7/2		140	<del></del>		740	61	1556	90	3 hrs.	
	Coeffici	ent		Pr	essure	FLOW CAL Flow	CULATION	S Gravity	Compre	ss.	Rate of Flow	
No.	(2)		V hwpf	_		Factor F <sub>t</sub>		Factor Fg	Factor F <sub>pv</sub>		Q-MCFPD @ 15.025 psia	
1.	0.3261			1514.2		0.9732		0.9292	1.154		515.3	
2.	5.4315			-	1373.2	0.9788	0.9786		1.147		7.779.1	
3。	8.5417		****					0.9292	1.118		8,924.5	
4. 5.	12.3650				753.2	0.7990	0.9292		1.090		9.423.4	
as I	Liquid Hydro ity of Liqui Pw Measur	carbon d Hydro	carbon	Dry s e-s)	(flared			Speci	fic Gravit	ty Flow	rator Gas ing Fluid 3073•7	
								•				
No.	P <sub>w</sub> Pt (psia)	Pt2	F <sub>c</sub> Q		$(F_cQ)^2$	(F.	cQ) <sup>2</sup>	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Ca P	1. Pw Pc	
1. 2.	1744.2				<del></del>		, i	3042.2	31.5	+	29 <b>.</b> 5	
2.	1644.2							2703.4	370.3		93.8	
3.	1580.2							2497.0	576.7		90.1	
4.	1507.2							2462.4	611.3		89.5	
5. Absc	olute Powent	ial:	46,27	8	<del></del>	MCFPD;	<u> </u>	0 <b>.</b> 985 <b>3</b> 67				
		Ohio	oil Com	pany			*1		<del></del>			
			21079	BCCON	, New Me							
	T and TITLE	- FA	William	STEP .	<u>- 1. T</u>	. Webb	- retrol	eum Engin	eer			
WITN COMP	IESSED_				nserveid	on Comm	হিহাকন				<del></del>	
OUMI	MINI					- ALL O UNBIL						

REMARKS

NOTE: Above test conducted thru standard six inch Thornhill-Craver positive flow-beans.

<sup>\*</sup> Request for Blinebry Pool extension submitted.

## 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 ( $P_{\rm W}$ ). MCF/da. @ 15.025 psia and 60° F.
- $P_c$  72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw 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.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- $F_t$  Flowing temperature correction factor.
- F<sub>DV</sub> Supercompressability factor.
- n I Slope of back pressure curve.
- Note: If  $P_W$  cannot be taken because of manner of completion or condition of well, then  $P_W$  must be calculated by adding the pressure drop due to friction within the flow string to  $P_t$ .