NEW MEXICO CIL CONSERVATION COMMISSION

Form C-122 Revised 12-1-55

						F. 19 . 19 . 19 . 19 . 19 . 19 . 19 . 19				Form C-12	
			М	ULTI-POINT	BACK PRI			S WELLS		Revised 12-1-5	
Poo!	I JAL	KAT	·	Formati	on Sev	m Rivers		257 County_	Les		
Init	tial	···	Annual		Spe	cial	X	Date of	Test	4-26-57	
Comp	pany Sin	elair O	Ll & Gas	Çompany	Lease	Hair		 We	 11 No.	12	
Unit	, <u>R</u>	Sec	Twp	24	Rge.	Purc	haser E	Paso Hat	ural Ga	Gompany	
Casi	ng 7	Wt	24I.D.		Set at	nje _{Pe}	rf.		То		
Tubi	ng 2 1	Wt	5.5 I.D.		Set at	525 _{Pe}	rf. 33	60	 То	3380	
Gas	Pay: Fro	om 3360	To 330	L	3360	xG .655	GL	2201	Bar.Pre	ss. 13.2	
Prod	lucing Thr	ru: Ca	.sing	ŗ	[ubing	x	Type We	all Sim	gle		
Date	of Compl	Letion:_	8-25-38	Pacl	Single-Bradenhead-G. G. or Reservoir Temp.					.O. Dual	
						VED DATA		-			
Test	ed Throug	h (Fro	ver) (cho	ke) (Meter		, 25 5		Ттто То	. Yla	weg	
	Flow			w Data			Data		Type Taps		
No.) (Gn	oke) Pr	ess. Diff	· Temp.			Casing I		Duration	
110.	(Line) Size		fice) ize p	sig h _w	o _F .	psig	°F.	psig	o _F .	of Flow Hr.	
SI					+	337	60	P-16	+	72	
1. 2. 3. 4. 5.		1		12 6.42 192 14.44	76	31.5	60			24	
3.		_		72 20,25	18	295	60			**	
4.	4	1.	ساست	78 25.09	172	261	- 60		+	24 24	
5.									 		
_			•		FI.OW CAT	CULATIONS					
_	Coeffi	cient				Temp.	Gravity	ravity Compress.		Rate of Flow	
No.			/		1	tor	Factor	Factor		Q-MCFPD	
	(24-Ho	,	$V^{h_{\mathbf{W}}p_{\mathbf{f}}}$	psia		<u>'</u> t	Fg	Fpv	(15.025 psia	
1. 2.	7.643		52.26 66.36	325.2 305.2			-9572			492	
2.	7.643		76.59	305.2			•9571 •9571	1.026		(19	
4.	7.443		90.43	291.2	-909	•	·9572	1.024		732	
3. 4. 5.							*****				
as Li ravit	quid Hydr y of Liqu 5.866	rocarbon uid Hydr	Ratio_ ocarbons_ (1-e	-	RESSURE C		Speci	fic Gravi	ty Separ ty Flowi P2	rator Gas •655 ng Fluid	
	$P_{\mathbf{w}}$	-2	T		,	2	1		 	·	
No.	Pt (psia)	$P_{\mathbf{t}}^2$	"	(F _c Q) ²		cQ) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Cal	P.W. P.C.	
2.	325.2 306.2			8.35			08.9	13.7	330.0	95.3	
3.	308,2	75.0		12.1	_	86 59	96.9	25.7		60.9	
+•	294.2	86,6		84.7		4.4	97.6 89.5	25.0 33.1	312.4 299.2	85.4	
5.		1							1		
	ute Poren	tial:	1,900		MCFPD;	n607					
COMPAI ADDRE:			& Gas Co	Man Man			/				
	and TITL			- CES AND		- f 1/	1/a I	/			
VITNES		H. KOPE				111	Larned				
COMPAI	-	Pago Ra	teral Gas	Company							
					REMA	RKS					

INSTRUCTIONS

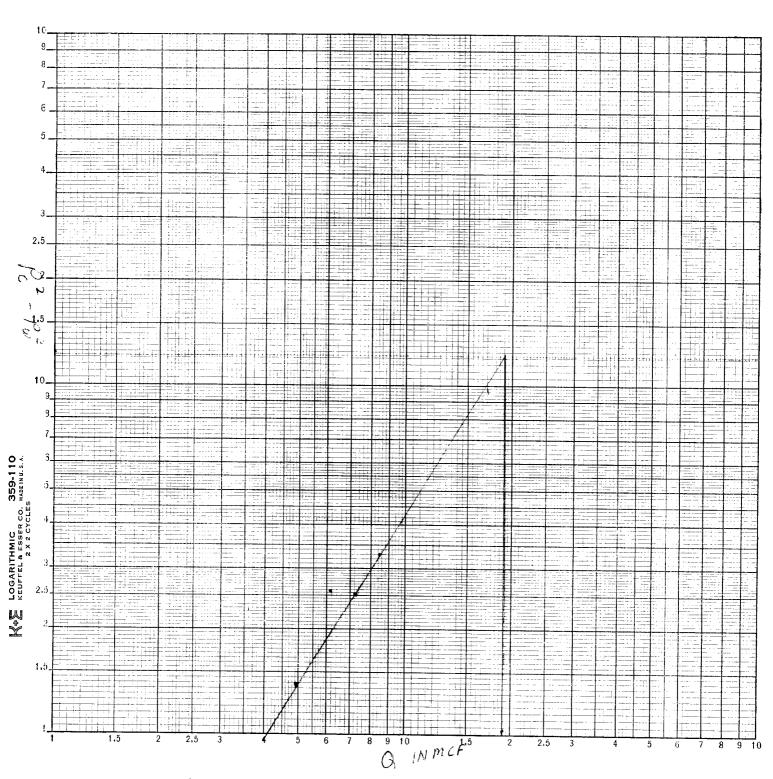
This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

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
- P_t 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_{pv} 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 $P_{\mathbf{t}}$.



AP-1, 900 MCF FO

1700 : 3. 130 179 416 - 2. 610 114 11 138