## NEW MEXICO OIL CONSERVATION COMMISSION

			11.	NEW MEX	CICO OIL CON	ISERVATION	COMMISS	SION			
			1. Tomas	**	1000	HUBBS	OFFICE	000		Form C-1	
			M	ULTI-POI	NT BACK PRE	issure tes 1957 <b>f</b> fr	T FOR GA	S WELLS	K	evised 12-1-	
ool	Bli	Bebry	***************************************	Forma	tion 25 B1	inebry		County_	Lea		
nit	ialX	alAnnualSpecial						Date of Test 12-20-56			
omp	any Sin	Clair O	il & Gas	Company	Lease	J.R. Co	по иди	 We	ll No.	2	
nit	I.	Sec.	26 Two	215	Rge. 37	Pune	hacan	Lone	KEL	D_5570	
asi	ng <b>7</b> 2	LaT+ 2	34 T.D	6.366	Rge. 37	EE9 -	5492	-5522	557	5-5586	
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					Set at						
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od	ucing Thr	u: Cas	sing	x //	Tubing		Туре W	ell	mal G.O.		
.te	of Comple	etion:	12-16-56	Pa	acker 427	Sin <sub>i</sub>	gle-Brad Reserv	enhead-G. oir Temp.	G. or G.	O. Dual	
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		3/	7	36	25 13			1430	60 /		
-		7/		47	36			1343	60	3/_	
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Τ	Coeffic	ient		Pressu		CULATIONS Temp.	Gravity	Compre	See. Ro	te of Flow	
·	(24-Hour)		$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$	psia	Fac	tor	Factor	Facto	or Q	Q-MCFPD	
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	4.3997			763.2	1.0463		•9325 •9325	1.13		01 559	
<u></u>	5.3233		···	760.2	1.0260		.9325	1.11			
					PRESSURE C	ALCUIATIO	NS				
Li	quid Hydr	ocarbon	Ratio 2		cf/bbl.		Speci	fic Gravi	ty Separa	tor Gas.692	
vity of Liquid Hydrocarbons (1-e-s)					deg.		Specific Gravi		ty Flowing Fluid 712		
			•	<del></del>	<del>-</del>		- c——		_^ C	<u> </u>	
]	P. <b>W</b>	2	T		2	2	<del></del>				
	Pt (psia)	Pt <sup>2</sup>	F <sub>c</sub> Q	(F <sub>c</sub>	Q)~ (F	cQ) <sup>2</sup> -e-s)	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Cal.	P	
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NT	and TITLE		Broadway R. L. Hai		Hou Hexico						
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PAN	iΙ										

## 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
- 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.
- Ft 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  $P_t$ .

G IN MCF

MPOF- 7,045 MEFFD

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