## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

			MU	LTI-POINT	BACK PRE	SSURE TI	EST FOR GA	S WELLS		Revised 12-1-	<b>-</b> 5	
Poc	ol Besin De	inote		Formatio	n Delt	County			Sen Juan			
Initial			Annual_	Annual Sr			ecialDat			te of Test June 26, 196		
	pany Pan Lan											
	it											
	sing 41/2									of Lar		
Tub	oing 2-3/8	Wt. 4.1	7 T.D.	1.995 s	et at 9	943	open (	ended		702-01		
	Pay: From											
Fro	ducing Thru e of Comple	: Cas	ing	T	ubing	Si	Type We ngle-Brade	ell <b>ingl</b> enhe <b>ad-</b> G.	G. or (	.O. Dual	~	
Dat	e of Comple	tion:_	My 31, 1	961 Pack	er <b>Hen</b>	<u> </u>	Reservo	oir Temp	14)	<u>,                                     </u>	-	
					OBSERV	ED DATA						
Test	ted Through		(Chol	ce) (Nata)	(MANA)				Type Taps			
	/ 1	F	low Data			Tubin	g Data	Casing D	ata			
No.	(Line)	((4.23)		1	ļ	i	1 :		I	Duration of Flow		
CT	Size	Si:		sig h <sub>w</sub>	°F.		°F.		°F∙	Hr.		
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2. 3.											_	
4.		<u>i</u>			<b>†</b>		+					
5.												
					FLOW CAL	CULATIO	NS					
	Coefficient F			Pressure	Pressure Flow Temp.			Gravity Compress Rate of Flow				
No.	(24-Hour)		h <sub>w</sub> p <sub>f</sub> psia		Fac	tor	Factor	Factor	r	Q-MCFPD		
$\frac{1}{1}$	12.365		V "WPf"	625	1,990	t	.9258	1.056		@ 15.025 psia		
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<u>3.  </u>												
<del>4•</del> +												
							<del></del>					
				PR	ESSURE CA	alcui <b>a</b> ti	IONS					
as L	iquid Hydro	carbon	Ratio		cf/bbl.		Specif	fic Gravit	T Sono	matam Cas		
ravi	ty of Liqui	d Hydro	carbons		deg.		Specif	fic Gravit	y Flow	ing Fluid	_	
c			(1-e <sup>-</sup>	s)			Pc_21	25	P <sub>C</sub> 4,5	15,625	_	
T	$P_{\mathbf{w}}$	-2		( , , 2		.2		2 0				
No.	Pt (psia)	$P_{\mathbf{t}}^{2}$	F <sub>c</sub> Q	$(F_cQ)^2$	(F <sub>0</sub>	Q) <sup>2</sup> e-s)	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Cal	P. P. Pc		
1.	- C (P013)	<del></del>	+		(1-	-c - )	.500 <u>(.31</u>	651	P,	r rc	_	
2 <b>.</b>												
4.			<del>                                     </del>	-							$\dashv$	
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COMP	ANY		<del></del>	<del></del> -	REMA	BKS	· · · · · · · · · · · · · · · · · · ·		<u> </u>		_	
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										3 0 1961		
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## 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. 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.
- $h_{\mathbf{W}}^{-}$  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  $P_{\mathbf{t}}$ .

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