## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRE	SSURE TEST	FOR	GAS	WELLS
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Poo!	l Bee	in Dake	ŧa	Fo	rmation		akota		_County_	Son .	Juan	
Ini	tial	X	Annua	1		Spec	ial		_Date of	Test_	3-1	0-64
Com	pany PAN AN	ER3CAN	PETROL	ent ca	r.	Lease_	ell Pede	rel Gas V	ait We	11 No.	1	
Cas	t <u>B</u>	Wt. 10.	<b>5</b> _1.	D. 4.0	Set	t at_ 66	<b>42</b> Pe	erf. 6472-	92 92	To_	576-80	
Tub	ing 2-3/8	Wt.	7_I.	D. 1.9	Se <sup>1</sup>	t at_44	75 Pe	rf.	Open	_To	Ended	
Gas Pay: From 6472 To 6500 L 6526 xG .700 -GL 4568 Bar.Press.												
Producing Thru: Casing Tubing Type Well Single  Single-Bradenhead-G. G. or G.O. Dual  Party of Garage Terms												
Date	e of Comple	etion:_	3-3-	4	Packe:	Moa	211	Reserve	ir Temp.			
						OBSERV	ED DATA					
Tes	ted Through	h (Tio	er (c	hoke)	(Meter)				Type Ta	ps	Flone	<b>6</b>
			Flow Da	ta			Tubing		Casing	Data	<del></del>	Duration
No.	(Line)	1 /	1					Temp.	I	,		of Flow
₹ <sub>ST</sub>	Size		ize	psig	h <sub>w</sub>	·F.	psig	F.	1851	+-	+-	Hr.
1.	2-tach	0.5	75	24)			269	60° est.			981.	3 hgs.
2. 3.		<del></del>										
4.										-		
5.							L	J	L	l		
·			<b>.</b>				CULATION				1 8-4	€ F] ov
No.	•   /		essure	1		Gravity Factor	Compress. Rate of Flow Factor Q-MCFPD					
NO			psia			Fg				15.025 psia		
1.	12,363	<b>)</b>	,		261	1,000		.9250	1.0	31		381
2.											+	
3. 4.												
5.												
					PR	ESSURE C	CALCULATI	ions				
7	Tionid Und	ma aa mha	n Datio			of/bbl.		Spec	ific Grav	itv Se	parate	or Gas
Gas Liquid Hydrocarbon Ratiocf/bbl. Specific Gravity Separat Gravity of Liquid Hydrocarbonsdeg. Specific Gravity Flowing								Fluid				
Fc			(1	-e <sup>-5</sup>			-	Pc	1863	Pc	3,470	769
	$P_{\mathbf{W}}$		2 _		(= -)2	/-	- 0\2	<b>D</b> 0	P <sub>c</sub> -P <sub>b</sub>		Col	ס
No.	Pt (psia	) P.	t Fo	u	$(F_cQ)^2$	(1	$(c_{c}^{Q})^{2}$	P <sub>w</sub> 2	rc-rw	7	Cal.	P <sub>w</sub> P <sub>c</sub>
1.	- C (berg						·	3,600	3, 137, 16	2		
1. 2.							<del></del>		<del> </del>			
3. 4.											i	
5.									L		l	
	olute Pore	ntial:	240 983	300	C. C. Park		; n	.75				
	PANYRESS	<del>. 400.</del>			OA MART					<del></del> .		
AGE	NT and TIT	LE		n, n	SEPLEE	lag lavet	<u> </u>				J. 10 010, 140	• •
WlT	NESSED	- 37	1	W.	reg						Ē.	<u>n'                                    </u>
COM	PANY					RE	MARKS				LIYE	-
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										اطازي	DIST.	3 /
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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  $\equiv$  Actual rate of flow at end of flow period at W. H. working pressure (P<sub>W</sub>). MCF/da. @ 15.025 psia and 60° F.
- $P_c$ I 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_{\mathbf{w}}^{-}$  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.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize I}$  Differential meter pressure, inches water.
- $F_g$ : Gravity correction factor.
- $F_t$  Flowing temperature correction factor.
- $F_{nv}$  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  $P_{\mathbf{t}}$ .