## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELL	MULTI-POINT
---	-------------

Revised 12-1-55

	184			<del></del>					County			
Init	ial <u>x</u>	<del></del>	_Annua	al		Spec	ial		_Date of	Test_	1-12-57	
omp	an <b>jagnolia</b>	Petrol	enam C	ompany		Lease_Ji	carilla	н <b>В</b> и	Wel	l No.	5 P.CUT	
nit	<b>A</b> S	Sec20	Twr	26N	Rg	e. 3W	Purc	haser_Pa	cific Nort	hwest		
asi	ng <b>75/8</b> W	t 214#	I.	D. 7.0	<u>ජ</u> Se	t at 4,20	00 Pe:	rf	3945	To 3	997	
	ng 2 3/8" W											
							<del></del>				ess. 12 psia	
	ucing Thru:											
							642	ala Danda	whood C	C	C O Due I	
ite	of Complet	10n:	10-29	<u>-51</u>	Packe	r ROBS	<del></del>	Reservo	oir Temp			
						OBSERV	ED DATA					
este	ed Through	Book		hoke)	(MOTOR)				Type Tap	s		
	<u></u>		low Da				Tubing Data		Casing Data			
	(Line)	(Chol	ke)	Press.	Diff.			Temp.	ł	] -	Duration of Flow	
	Size			psig	h <sub>w</sub>	°F.	psig	°F.	psig	•	Hr.	
	2#	ļ	750	126	-	580	984 126		984 340	-	3 hrs.	
			7.150	150			120		Jato		) mae	
╁		<u> </u>										
I												
					· · · · · · · · · · · · · · · · · · ·	TOW CAT	יווד א ייד רווי					
T	Coefficient Pressu							cy Compress. Rate of Flow				
	(24-Hour) √ h <sub>w</sub> r		hp	— psia		Fact	tor		Factor F <sub>pv</sub>		Q-MCFPD  @ 15.025 psia	
	12.365	12.3650		138		1.0019		F <sub>g</sub> 0.9393	1.014		1,627	
											<del></del>	
vit	quid Hydrod y of Liquid	d Hydro	carbo	ns -e <sup>-s</sup> )		cf/bbl. deg.	ALCUIATIC	Speci Speci	fic Gravit fic Gravit <b>996</b>	ty Sep ty Flo PC	arator Gas_wing Fluid_ <b>&amp;8</b>	
•	P <sub>w</sub> (psia)	Pt <sup>2</sup>	Fc	2	$(F_cQ)^2$	(F <sub>0</sub>	Q) <sup>2</sup>	P <sub>w</sub> 2	P <sub>c</sub> -P <sub>w</sub> <sup>2</sup>	С	al. Pw Pc	
  -	352		-					124	868		0.353	
<del> </del>												
+-		<del></del>	+			<del>-  </del>				<del> </del>		
APA ORE ENT		OLTA P		1,818 UM COM Now M	PANY		n 0.85					
MPA						D 778 * A	DVC					
ř						REMA	AKKS			JON JUST	. 00 M. /	

## 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<sub>c</sub>= 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.
- hw= Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv 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  $P_t$ .

JIL CONSERVA		COMMI	3310N
AZTEC DIS			
opies Recei	جرد	4	
こうし	r:	<b>√</b> (	
1		40. 41 <b>5</b> ң£	
perator		1	
han <b>ta Fe</b>		1	
Proration Office			
tate Land Office			
5 G S.	*****	1	
ransporter	-	_	-
File	_	1	-