			1	MULTI	-POINT E	BACK PRES	SSURE TE	ST FOR GA	s wells		Revised 12-1-5
Pool	Basi			F	ormation)	aketa		County_	San Ju	
				alSpecial							
Comp	any Shell	y oil	Company			Lease_	or Mexic	o aga	We	11 No	1
Unit	<u> </u>	Sec	Twp.		271 Rg	ge 9 W	Pur	chaser_			
	ng 4-1/2"										6003
	ng 2-3/8*	,									
											ess. 12.0
Data	ucing Thru	. va	33 9 40		1u	.D.I.ng	Sir	Type we ngle-Brade	enhead-G.	G. or	G.O. Dual
Date	of Complet	cion:_	11-2-0 <u>3</u>		Packe	r		Reservo	oir Temp.	177	7
							ED DATA				
<u> reste</u>	ed Through	(; ; ; ;	(Ch	oke)	(1883)				Type Tap	os	
	(Prover)		Flow Dat		Dice			g Data	Casing I	Data	Ī
No.	(Line)	(Ori	fice)		1 1	_		Temp.		· I	l of Flow
, 	Si%e	S	ize	psig	h _w	°F.		o _F .	psig	[⊃] F•	Hr.
SI L.		3/	<u> </u>			60	2015	60	2010 958	 	3 hours
2.									- //-		
3. ••		\						 		 	
: 		 					<u> </u>	 		 	
10.	(24-Hour)		1		psia	Fact F _t	tor	Factor F _g	Facto F _{pv}	or	Rate of Flow Q-MCFPD @ 15.025 psia
	12.3650				153	1.0000		.9254	1.064		5,514
c											
•				4							
•				——							
					PRE	ESSURE CA	ALCU ATI	ONS			
	.quid Hydro y of Liqui		ocarbons	<u> </u>		cf/bbl.deg.					rator Gas ving Fluid
			(1-	-s <u>}</u>				P _c	2027	_Pc	100,729
0.	$P_{\mathbf{W}}$	P _t	F _c Q		$(F_cQ)^2$	(F _c Q) ² (1-e ^{-s})		p 2	$P_c^2 - P_w^2$	7	, ,
	II (psia)	' t	r _c		(rew)		e-s)	P _w 2	rc-rw		$\frac{P_{\mathbf{w}}}{P_{\mathbf{c}}}$
:	970							NOR NO	<u> </u>		9.465
•				_							
<u>:</u>				1						1	
bsol	ute Potent		6706 DIL 6007	AND	···	_MCFPD;	n 0,	75			
DDRE	SS	Tancar'	500 - Te		den. Be	v Maxies					
	and TITLE	Nul	him	Sin	gley f		Product	iden Inclu	1997		
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J. 14 131						REMA	RKS		(off)	Living Same	
									VON	6 196	3
										ON. CO	OM:/
									OIL	DIST. 3	

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 T Actual rate of flow at end of flow period at W. H. working pressure (P_W). MCF/da. @ 15.025 psia and 60° F.
- Pc= 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_{DV} 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 $P_{\mathbf{v}}$.