				MULTI	-POINT H	BACK PRES	SSURE TES	ST FOR GA	s wells		Revised 12-1-5	
Pool _	Blanco			F	ormation	Less V	erde	· · · · · · · · · · · · · · · · · · ·	County_	Rio	Arriba	
Initia	1		Annu	al		Spec	ial		Date of	Test_S	ept. 7, 1956	
Compan	y South	era U	nion G	as Com	ANY	Lease_S	an Juan	Unit 29-	<u> </u>	ll No	48	
Unit _		Sec	8_Tw	p 2 5	N Re	ge 7 ¶	Purc	haser	1 Pago Na	tural G	as Company	
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Date o	f Complet	cion:	Ang.	17. 19	SK Packe	r	Sin	gle-Brade Reserve	ell ging enhead-G.	G. or G	.O. Dual	
	•		- Aug I				ED DATA		- 10mp	· · · · · · · · · · · · · · · · · · ·	- 	
Tested	Through	(Choke)	(Martine		DD DAIR		Тета По-	_		
									Type Tap			
	(Prover)	(Ch	Flow Doke)	Press.	Diff.	Temp.	Tubing Press.	Temp.	Casing I		Duration	
No.	(Line) Size	(Ori	řice) ize	psig	h _w	o _F .	psig	o _F .	psig	[⊃] F•	of Flow Hr.	
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3 . 4.												
5.		ļ		ļ								
	Coeffici	ent.		Pr		FLOW CAL			Compre		Rate of Flow	
No.	Coefficient (24-Hour) 7/hui					Fact	tor	Factor	Factor		Q-MCFPD	
1.	14-1605	1)	√ h _w i		psia h25	0.983		F _g	F _{pv}		@ 15.025 psia	
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4.												
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	uid Hydro of Liqui		ocarbo	ons		cf/bbl. deg.		Speci	fic Gravi		rator Gas ing Fluid	
c			(]	-e ^{-s})				•	1072		11:9.2 772.6	
T P _w		···		 -				P _W	879	- TW	112.6	
No.	(psia)	Pt	F	Q	$(F_cQ)^2$	(F	Q) ² -e-s)	P_w^2	$P_c^2 - P_w^2$	Cal	P _W P _C	
	, (psia)					(1-	-e -)	772.6	376.6	P,	W Pc	
2. 3.					 							
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AGENT a	ma iiiir											
COMPANY	. ——		Mate:		Company	y	DVC					
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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 = 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.
- $F_g \subseteq Gravity$ correction factor.
- F_t Flowing temperature correction factor.
- Fpv 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 $P_{\mathbf{t}}$.

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