				MULTI-	-POINT H	BACK PRE	SSURE TES	ST FOR GA	S WELLS		Revised 12-1-55	
Poo	1 Angel 1	Peak I	a bound	F.	ormation				County_	Son J		
Ini	tial X		Annu	al		Spe	cial		Date of	Test_	10/4/60	
Company Astes CLL & Cos Dompany			angles,	Lease htt			Well No.					
Uni	t 🗮	Sec	Tw	р. ДС	Re	e. 111	Purc	haser				
	ing 👪 1										Si.ge	
	ing 2 1/8 [
											ess. 12	
Date of Completion: 9/27/60					Packer			Type Well Reservoir Temp.				
	•	_					ED DATA		741 10Mp*			
Test	ted Through	(· ·	Chalca)	-4		DD DAIR					
Tested Through (Choke) (Choke) Flow Data									Type Taps			
	(Prover)	(Ch	oke)	Press.	Diff.	Temp.	Tubing Press.	Temp.	Casing I		Duration	
No.	(Line) Size	(Ori	fice)	psig		o _F .	psig				of Flow Hr.	
SI		 		16	W		2026	 ` -	903A		7 days	
1.		9/	730				43	69 (3)	949		3 bro.	
2.		 					ļ					
3. 4.		;			L			 	<u> </u>	 	 	
4. 5.		1		<u> </u>						 	 	
						PTOW CAT	CULATION	c	<u> </u>			
	Coefficient		Pr			Temp.	NS Gravity Compr		ss.	Rate of Flow		
No.	(24-Hou	(n) - / h		p _f psia		Factor F_{t}		Factor	Factor F _{pv}		Q-MCFPD	
	12. 363		√ h _w p _f				-				@ 15.025 psia	
1. 2. 3.	480 303		 		35	1.000		0,056	1.060	<u> </u>	9476	
3.								· · · · · · · · · · · · · · · · · · ·				
4. 5.												
5.]			<u> </u>									
as L	iquid Hydro	carbor	n Ratio	.	PRI	ESSURE C	ALCU'ATI		fic Gravi	tv Sens	arator Gas	
	ty of Liqui		rocarbo	ns		deg.		Speci	fic Gravi	ty Flow	ring Fluid	
c			(]	L-e ⁻⁵)				P _c		_P2	4-112.784	
No.	$P_{\mathbf{w}}$	Pt	2	0	(E 0)2	(P	0)2	D.O.	p ² p ²		,	
	Pt (psia)	rt	Fc	-	$(F_cQ)^2$	(1	$(e^{Q})^2$	P _w 2	$P_c^2 - P_w^2$	Ca	P _W P _C	
1.	961								1.150.45	•	W -C	
2. 1												
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bso	lute Potent	ial:	64	521	*	MCFPD;	n 0.7	 \$				
COMP	ANY	-	L mi	Se Or			··	7				
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	T and TITLE ESSED		MULUINA	- SIGNED	BY L. M. S	TEVENS	والبد	PUTTE.	A.A. P			
OMP												

REMARKS

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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 ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° F.
- P_c 2 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
- P_t 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_{pv} Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.