						,		ų-			Form C-
									rt • .	F	Revised 12-1
	Eumont								County_		
Initia]			Ann	ual		Spe	cial	<u> </u>	Date of	Test	7-30-56
Company	The At	lantic	Refi	ning Co	mpany	_Lease	Crutchf	ield	We	ll No	1
Unit _	1	Sec	32 T	wp1	<b>9-8</b> R	ge <b>37</b>	-E Pur	chaser_ <b>Pe</b>	rmian Bas	in Pipe	Line Company
Casing_	5-1/2"	Wt	17#	I.D. h.	<b>892</b> S	et at <b>37</b>	'65 t P	erf. 3h	381	то 36	(06)
Tubing_	2-1/2"	Wt. 6	5.5#	I.D. 2.	հ <b>ե</b> 1 Տ	et at 31.	231 P	anf		_10 <i></i>	.,,,,,
Gas Pay	: From	3438	<b>3</b> ● TO	35961	т 3	.231	-a 0 620	311.	<b>A</b> 00.0		ss. 13.2
Produci	na apan	Co		-		4-5	XG		2293	_Bar.Pre	ss13.2
150001	115 IIII U	•	PTITE_	~	T1	ibing	_ X Sir	Type Wo	ell Sin	gle Georg	O Dual
ate of	Complet	tion:_	<u>у-ш-</u>	-53	Packe	r		Reserve	oir Temp.		.O. Dual
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ested (	Through	(Fro	<u>ver) (</u>	Choke)	(Meter)	ı			Type Tap	a Mne	
<del></del>	<del></del>		Flow D				T =				
	rover)		oke)	Press.	Diff.	Temp.	Tubing Press.		Casing I		<b>.</b>
D• (	(Line)	(Ori	fice)				11033	1	Press.	Temp.	Duration of Flow
	Size	S:	ize	psig	h <sub>w</sub>	°F.	psig	°F.	psig	<sup>⊃</sup> F•	Hr.
							947.7		<del></del>	<del> </del>	72-1/4
			75	457.0		80	651.7			<del> </del>	23-1/4
<del></del>	<u> </u>		75	457.5	14.5	87	491.7			<del>                                     </del>	23-3/4
+	-		75 75	454.9	10.2	90	459.3				24-1/4
1		-		47447	10.0	82	553.5				214
		L		<del> </del>							
						FLOW CAL	CULATION	S			
	oefficie	ent		Pr	essure	Flow		Gravity	Compre	ss. R	ate of Flow
ı	(24-Hou	_ \	71			Fac		Factor	Facto		Q-MCFPD
			√ h <sub>w</sub> p <sub>f</sub>		psia F <sub>1</sub>		t	$^{ extsf{F}_{oldsymbol{g}}}$	F <sub>p</sub> v		15.025 psia
	3.515		63.22		470.2 0.98		3	0.9463	1.03		211
	3.515		82.61		470.7 0.9		0	0.9463	1.03		278
	3.515		81.55		468.3 0.972			0.9463	1.03	<del></del>	274
<del> </del>	3.515		68-75		468.1	0.979	5	0.9463	1.03		232
Liquid rity of <b>5.8</b> 6	l Hydroc Liquid <b>56</b>	arbon Hydro	carbo	ns _e <sup>-s</sup> )		SSURE CA	ALCU ATIC	Specif Specif	ic Gravit	y Flowin	ator Gas_ ng Fluid
$P_{\mathbf{w}}$		<del></del>	<del></del>	· · · · · · · · · · · · · · · · · · ·	<del></del>						
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	psia)				. 6-7	(iº	e-s)	P <sub>w</sub> 2	rc-rw	Cal.	P <sub>w</sub> P <sub>c</sub>
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		223 <b>.</b> 2		607	2.582		770	223.6	699.7	472.5	0.19
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PANY_		Atlant	ic He	31 Fining	Company	MCFPD;	n	68			
NT and	P.O. TITLE		10 <b>38</b> E. Gen	Denver	Clty	W.	Letrict	Superinte	ndent		
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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 ( $P_{\rm W}$ ). 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
- 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.
- Fny 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  $P_{\rm t}$ .