											Form C-12
				MULT	I-POINT	BACK PRE	SSURE TI	est for ga	S WELLS	n - 32	Revised 12-1-5
Poo	l Jalma	\$			Formation	ı Yat	•	1900 1	County_	Lea	
Ini	tial	·	Ann	ual		Spec					3-7/11-1960
	pany Pan Am										
											as Company
	ing 5-1/2										
	ing 2										
											ess. 13,2
Proc	ducing Thru	· · · ( )	<sup>10</sup>			bing	-	_GL	11 64	_Bar.pre	255. 13.2
Date	ducing Thru	. Oa	9 11	#£	1 L	io ing	Si	Type we ngle-Brade	enhead-G.	G. or (	G.O. Dual
Date	e of Comple	cion:_	5-LA	-20	Packe	T Province	<del></del>	neserve	oir Temp.	<del></del>	
							ED DATA			ومعمدين الم	
Test	ed Through	(Pre	<u>(e1)</u> (	onone)	(Meter)				Type Tap	os_ <u>/</u>	
$\overline{}$	(Provon)	((2)	Flow D	ata	Diec			g Data	Casing I		<del></del>
No.	(Line)	(Ori	fice)		Diff.	1		Temp.	Press.		Duration of Flow
SI	Size	S:	ize	psig	h <sub>w</sub>	° <sub>F</sub> .	psig	°F.	psig	<sup>⊃</sup> F•	Hr.
1.	4	2,5		18	0,50	#60	2574				72
2 <b>.</b> 3.		2.5		20	7.60	-	216 233			<del> </del>	21
4. 5.	<u> </u>	2.5		24	24.50		215	3/			24
<u> </u>		<u> </u>		<del> </del>	_ <del></del>			41	<u> </u>	<u> </u>	L
	Coeffici	ent		P	ressure	FLOW CAL Flow		NS Gravity	Compre	ess.	Rate of Flow
No.	0. (24-Hour)		√ h <sub>w</sub> p <sub>f</sub>		psia	Factor Ft		Factor	Factor Fpv		Q-MCFPD
1.	42.13		3.95		31.2	L2 -		t F <sub>g</sub> 0.9491			@ 15.025 psia
2.	42.13 42.13		10.18		33.2 34.2	-		0.9491	-		407.1
2. 3.	42,13			30.19		•		0,9491 0,9491			1,207
5.					37.2						
					PR	ESSURE C	ALCULAT	IONS /			
	iquid Hydro				A THE	ct/bb1;	וו טור א	Speci	fic Gravi	ty Sepa	rator Gas
ravi C	ty of Liqui <b>9.936</b>	d Hydr		ons <u>/</u> l-e <sup>-s</sup> )	0.116	deg		Speci		ty Flow	ing fluid
	75725	<del></del>			V-110			* c	<u> </u>	_P <sub>c</sub> <b>6</b>	7 • <b>8</b> 0
	EX		, T				2		2 0	<del></del>	
No.	Pt (psia)	Pt	F	cQ	$(F_cQ)^2$	(F	$(c^{Q})^{2}$	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$	Ca P	$P_{\mathbf{Z}}$
2.	259,2	67.1	8 I.	547	2,462		856	67.47	2,330	1,2	<u> </u>
3.	228, 2	60.6 52.0		404	16,36	1.8	78 157	62. D	7.299	7.53	
3.	57.2	3,2		. 39	143.8	18.	6	19.95	19.85	4	
			9505							/	
	lute Potent ANY <b>Pan A</b>	series	2575 a Pota	N. Carr	Gorporat	MCFPD;	n 0,8	47		259.8	y \$ 1
DDRI	ESS <b>P. O.</b>	Dox 6	8 -	Hobbe,	Nov Her	100				1500	
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REMARKS

\* Temperature assumed.

El Pase Natural Gas Company

COMPANY\_

## 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 (Pw). MCF/da. @ 15.025 psia and 600 F.
- PcI 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.
- $F_t$  Flowing temperature correction factor.
- $F_{pv}$  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  $P_{\mathbf{t}}$ .