		i sa sa a f		MIII TT	_POTNT F	NOK DOTO	ייי שכווסט	EST FOR GA	CWITTE		Revised 12-1-55
Poc	ol Jelma	t	- 41	F	ormation	Ya'	tes :	EDI POR GA	i County	lea_	
	nitialAnnual										
	Company Kl Paso Natural Cas Co.					Lease Carlson Federal			Well No. 3		
	t										
	ing 7 "									То	
	oing 2 1										
	Pay: From										
Pro	ducing Thru	: Cas	ing		Tu	bing	X	Туре W	ell Sing	lo	
Dat	ducing Thru	ion:1	-8-195	5	Packe	r None	S:	ingle-Brad Reserv	enhead-G. oir Temp.	G. or (G.O. Dual
							ED DATA				
Tes	ted Through	Prov	<u>er) (C)</u>	oke)	(Meter)				Type Tar	s_ FL	enge
		F	low Dat	a			Tubir	ng Data	Casing I	ata	ī
No.	(Přover) (Line)	(tho	ke) I	ress	Diff.	_	Press	Temp.	Press.	Temp.	of Flow
TOT	Size	Si	ze	psig	h _w	°F•	psig 750	°F.		°F∙	Hr.
SI 1. 2. 3. 4.	4	1.0			3.61	68	649		750 649		72
2.	4 *	1.0		沙!	7,29	66 68	549 458		549 458		24
4.	4 *	1.0		153	16.00	70	393		393	 -	24
5.											
	066:-:		··-			FLOW CAL					
No.	Coefficient		F		ressure Flow Fac		- 1	Gravity Factor	Compre		Rate of Flow Q-MCFPD
	(24-Hou	r) -	$\sqrt{\mathrm{h_{w}p_{f}}}$		psia	F		Fg	Fpv		@ 15.025 psia
1.	6.135		30.34			.9924		.9161	1.030	,	174
1. 2. 3. 4. 5.	6.135 6.135		43,20			.9943		.9161	1,030		2/8
30	6.135		56.79 65.24			.9924		.9161.	1.030	-	326
5.								• 7AMA	4,0,0		374
					ומס	ESSURE C	ል (ሶነጠ ልጣ	TONS			
				_	110		KLOO-IKI	TONO			
	Liquid Hydro					cf/bbl.					rator Gas
∍rav] F	ity of Liqui Measured	а нуаго		s e -s)	· · · · · · · · · · · · · · · · · · ·	deg.		Speci P _c _7	ific Gravi	ty Flow Pc	ving Fluid
' с			_	° <u>7</u>				· c	204	c_2s	<u> </u>
	$P_{\mathbf{W}}$									T	
No.	" t (psia)	P_{t}^{2}	F _c Q		$(F_cQ)^2$	(F	$\begin{pmatrix} cQ \end{pmatrix}^2 \\ -e^{-s} \end{pmatrix}$	P_{W}^{2}	$P_c^2 - P_w^2$	Ca	Pw Pc
1.	662.2							438.5	144-0		77
2 . 3.	500.2 471.2		 					316.1 222.6	360,5	-	:37
4.	406.2							165.0	417.5		.61
4. 5.											

Absolute Potential: 505 MCFPD; n 0.912

COMPANY Paso Natural Cas Company

ADDRESS

AGENT and TITLE

WITNESSED

COMPANY II Paso Natural Cas Co.

REMARKS

ELVIS A. UT.

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 Tactual 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.
- Fg Gravity correction factor.
- Ft 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 $P_{\mathbf{t}}$.