					MULTI	-POINT	BACK PRES	SURE TE	ST FOR GAS	S WELLS		Revised 12-	-1-55
Pool	Ves	t Kut	g-Dak o	ta	F	'ormatio	nDako	ta		_County	San J	ea.	
Init	tialAnnual_			ıal	Special				_Date of	Test	March 22,	1960	
												1	
Unit	×		_Se:c	22 Tw	/p _ 26	N R	ge. 124	Purc	chaser				
Casi	ng 7	R	Wt. &	· 233, I	.D.	S	et at 59	59 Pe	erf.		To		
Tubi	ng 2-	3/8"	Wt. 4	. 7]		s	et at 57	68 Pe	erf.	ended at	5766 To		
									_GL				
					···						_		
Dat o	W of O	orkov	er,	Ha wa b	22 1	GAN Pa ala	on 5764	Sir	Type We	nhead-G.	G. or C	G.O. Dual	
						(HEEEF	OBSERV	O. ED DATA	Reservo	Type Tap			
				Flow Data				Tubing	Data	Casing D	ata		
No.	(I	ine)	(Ch	oke)	Press		1 .	i	i		1	Durat of F	
ĺ	(Line) (Size Size Size)				h _w	°F.		°F.		[⊃] F•	Hr.		
SI 1.	31	27 G8	77 3	/ <u>L</u> = -	136	 	60° est.	1990	 		 	3 hr	
2.													
<u>3.]</u>			-		 	_	 		_		-	 	
4. 5.			 		 	-	-				-	 	
		·			- 	_ 	PI OU OII	CUIT A MIT ON	10				
No.	Coefficie			,		ressure psia	1	Temp. tor	Gravity Factor	Compress. Factor F _{pv}		Rate of Flow Q-MCFPD @ 15.025 psia	
1.	12	. 365				148	1,000		0.9292	1,0	16	1727	
2 . 3.				 									
J				 -			 						
4. 5.											I		
						P	RESSURE C	ALCUI ATI	ONS				
т		17	1	. D.I.			- c / 1		Cmaai	fia Consui	tir Conn	matam Can	
			ocarbo id Hyd	rocarb	ons		_ cf/bbl. deg.					arator Gas_ ving Fluid_	 .
c				(1-e ^{-s})			•	Pc	603	Pc •	008,004	
N.	$P_{\mathbf{W}}$		P	2 -		(E 0)	2 (7	0)2	р 2	$P_c^2 - P_w^2$	Co	al. Pw	
No.	Pt (psia)			cQ	(F _C Q)	(1	cQ) ² -e ^{-s})	P_w^2	rc-rw	1	$\frac{P_{\mathbf{w}}}{P_{\mathbf{c}}}$	
Į.	1.8		34.22	5 16	.237	263.6	56.	701	100,926	3,907,07	8 718		
1. 2. 3. 4.			+										
4.1											-		
5.													

Absolute Potential: 1760 MCFPD; n 0.75

COMPANY Pan American Fetrolem Corporation

ADDRESS Box 487, Farmington, New Mexico

AGENT and TITLE R. K. Bauer, Jr. Area Ingineer Potential Poten



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_W) . MCF/da. @ 15.025 psia and 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwT 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
- P_{f} Meter pressure, psia.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize I}$ 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 $P_{\mathbf{t}}$.