MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS Revised 12-1-55

P	ool Lask Kerrey			Formatio	Formation Providence			County		
I	Initial X Annual		Special_			Date of Test 6/25/63-6/29/63				
Co	ompany	merican	Petroles	n Corp.	_Lease		aine Unit		ll No.	
	nit									
Ca	asing 70	Wt.	I.D.	6.366 See See See See See See See See See Se	et at 12	.765	 Perf. 1 2	100	To.	30.000
Tı	ubing 20	Wt. 🛦	 7 5 I.D.	1.005 S	et at 19	679	Done			14,330
Ga	ubing 20 as Pay: Fro	m 12.103	To 12.	130 T. 12	2.412	(ml	K.)	eti:	_To	
Pr	oducing Thr	u: Cas	ing		ihi na	~u		70,14	_Bar.Pres	ss. 13.2
ı	roducing Thr	etion•	r for the	De also		S	rype w ingle-Brad	enhead-G.	G. or G.	O. Dual
	te of Compl		2/31/93	Packe	' -	La /VV	neserv	oir l'emp.		
1						ED DATA	L			
.e.	sted Throug			(Meter)			Type Taps			
-	(Prover) (Choke)		low Data	ta Press Diff T			ig Data			
No	· (Line) Size	(Orli:	LCe)				Temp.	1	1 1	Duration of Flow
SI		512	ze ps	ig h _w	F.	psig	F.	psig	°F.	Hr.
1.	A.000	1.00			80	2956		<u> </u>	-	21
<u>3.</u>	A-000	1.5			820	2658				24
4.			2	58.8	56*	2725	 -		 	21
No.	Coeffic	\	/	Pressure	Fact	Temp.	Gravity Factor		ss. Ra	ate of Flow
1.	6.139		h _w p _f 93.5	psia	F		Fg	Fpv		15.025 psia
2.	13.99		116.9	546.2	0.98		0.9606		D1050	569.5 5610
1. 2. 3. 4.	13.99		181.7	561.2	0.97		0.9608		10.0	1616)6/3/ 2517 2511.9
5.										
				PRE	SSURE CA	LCUTATI	ONS			
Gas 1	Liquid Hydro	ocarbon 1	Ratio	99.090	cf/bbl.			61 - G	_	
Jrav:	ity of Liqui	id Hydro	carbons	55.60 API	deg.		Speci:	lic Gravit fic Gravit	y Separa y Flowin	tor Gas <u>0.65</u> g Fluid <u>6.77</u>
, c—	7.730		(1-e ⁻⁸) 6.4	5		Pc	3253_2	Pc1	0583.3
	$P_{\mathbf{w}}$		1		1				1	
No.	Pt (psia)	$P_{\mathbf{t}}^2$	F _c Q	$(F_cQ)^2$	(F _c	Q) ²	P _w 2	$P_c^2 - P_w^2$	Cal.	P _w
Ţ.	2969.2	8416.1	5.659	32.621		e ^{-s})	8831.6	1751.7	P _W 27/1.8	P _w P _C
3.	2671.2	2013-8		257.827	125.	046	8368.8	221.5	2893.9	0.889
2. 3. 4. 5.	4/3044	7497.7	25.009	625_450	303.	343	7801.0	2782.3	2793.0	
	olute Potent	ial:	9.5 MGM	<u> </u> 	MCPDD.		000			
COMPANY Par American Potrology Corporation										
AGENT and TITLE J. V. Neck - Area Incluser										
WITN	ESSED				* T. 76	- LP		<u> </u>		
COMP	ANY									
					REMAI	RKS	· — — · · ·			

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_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
- 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.
- F_{DV} 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 $P_{\rm t}$.