MULTI-POINT BACK TRESCUES TEST FOR GAS WELLS

	_	- 1	114	Ų- <u>1</u>	.~~
Revis	9	ì	12	-l-	55

Poo	l Basin	Dekota		Formatio	n Dak	cota .	Miki dak majir di kumung ji jiya arib. Ja	County	Rio Ar	riba
		Yes Annual Special Dat								
Com	pany <u>Caulk</u>	ins 011	Company		_Lease	Bree	ch "C"	Wel.	l No	D-189
Unit	t <u>L</u> .	Sec. <u>12</u>	_Twp	26N R	ge 6 W	<u> </u>	chaser	Southern U	nion Ge	s Company
Cas	ing 5 1/2" V	15.5 /t. <u>17.0</u>	I.D	4.95 S	et at 76	500 .	729	3	To	497
	ing 2 3/8*W									
	Pay: From_									ss. 12
Date	ducing Thru:	ion:_2_	10-64	Packe	er_See b	Si Delow	igle-Brad racodí	lemhe ad-G. (mir Temp.	G. or G	.0. Dual
						TED THE 14		• -		
Test	ed Through	Proyer	Choke	e) (Meter i				Type Tap:	8	
										
No.	(Prover) (Line)	(Choke) Pres	ss. Diff.	Temp			Press.	Temp.	Duration
	Size	Size	psi	ig h _w	o _F .	3506	er.	psig	[⊃] F•	of Flow Hr.
<u>SI</u>		3/4*			1	2350	e a francisco de sentences es	2352		SI 168 hours
2 . 3•						1	mulipasse om Dillima (*) * just händ neder depoliti	628	-60	3 hours
4.							on the control of the			
<u> </u>		L			—	 		: Lange		
N.	Coefficient Pressure F				FLOW CAR	်ခြော် (-1"2 V -13"	Compress. Rate of Flow		
No.			psia	Fa.c.	to t	్రధులు శోఞ	Factor F _{pv}		Q-MCFPD © 15.025 psia	
1. 2.	14,160	5		21.6	1.000	-	-9572	1,02	2	-3020
1. 2. 3. 4.							and security of the second security of			
5.						en andreas en la lace				
				PR	ESSURE O	ALCUIAT.	IONS			
as L	iquid Hydro	carbon R	atio		cf/bbl.		S pec	i?ic Gravit	y Sepai	rator Gas
ravı c	ty of Liquid	Hydroca	arbons (1-e ^{-s})	deg.			ific Gravit 2364		
No.	$P_{\mathbf{w}}$	P _t .	F_c^Q	$(F_cQ)^2$	(F	A STATE OF THE STA	P, 2	$P_c^2 - P_w^2$	Cal	P.,
1.	Pt (psia)			-	(1)	ε - 5)	**************************************		P	
1. [2.] 3. [409,600	5,178,89		.270
4.						Mens = V. Mousi Ne-	natu. 198. ilikuwa ilikuwa ilikuwa pikiwaga wa			
Abso	lute Potent:		199		MCFPD:	D (1	08)n	1 0501	ी	
COMP. ADDRI	ANY		Gaulking	011 /0/ x /180 F	697	The second second	ong, andrews become requirery		7\L	ULIY LU
AGEN'	T and TITLE	In	ank	2/21	and	product	ion Super	intendent		20N. COM.
COMP					יים ת	ARKS	Section of the Section of the Association of the Section of the Se			25T. 3
	1 2 4	Mada		1	nen.	ngao 			*~	and the second

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 (Pw). MCF/da. @ 15.025 psia and 600 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.
- $h_{\mathbf{w}}$ Differential meter pressure, inches water.
- FgI Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv 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 $P_{\rm t}$.