THE PARTY

MORON COMOR GOO - AND TOTAL PAR

Form C-122

10777 mm						1 - 1 3
MULTI-POINT	BACK	PRESSURE	TEST	FOR	GAS	WELLS

Poo	ol			MULT:	I-POINT	BACK PRI	essure to 2 21	EST FOR G	AS WELLS		Revised 12-1-	
Con	pany						*C1a1	X	Date of	Test_	y 24, 1956	
Uni	+			. 100	- A	_Lease		93	We	ell No	£1	
0111		_Sec	33 TW	o	19R	ge• 37	Pur	chaser_	Southern	h i n fei.	So.	
Cas	ing	Wt.	I.	.D	s	et at 3	1.08 F	erf.	n liole	_To		
Tub	ing <u>se po</u>	_Wt	I.	D	S	et at_3	531 F	erf. 36	المراقعة ا المراقعة المراقعة ال	To 3633		
Gas	Pay: From	3498	_To	61.7	L		xG_ o.e.			Bar Pres	65. <u>13.</u> 2	
Pro	ducing Thru	ı: Cas	sing		Tı	ubing		Type W	Well .			
Dat	ducing Thru e of Comple	tion:	3-17-31	2	Packe	r 2500	Si	ngle-Brad Reserv	lenhead-G.	G. or G.	.O. Dual	
							VED DATA		1			
'esi	ed Through	(Prov	er) (C	hoke)	(Meter)		, , , , , , , , , , , , , , , , , , , ,		Type Ta	ps <u>p</u> sn	20	
	(Prover)	F	low Da.	ta	D: 22			ing Data Casing Data				
0.	(Line)	(Orif	ice)		1	1		Temp.	Press.		Duration	
╤╂	Size	Si	ze ´	psig	h _w	° _F .	psig	°F.	psig	°F.	of Flow Hr.	
I	4.	75	316	515	, *,	2.5	337	-	238		72	
:	41-	-75	1	5:0	- (3) -	-69-	777		778	++	- 24	
	4"	.75x)" -	543	228	70	670		701		24	
.	4	•750)" -	520	39"	72	-6.3	 	655		21	
T	Coeffici	.ent		Pr	essure	FLOW CAL Flow	CULATION	S Gravity	Compre			
)。		24-Hour) $\sqrt{h_Wp}$		— [Fac F	tor	Factor F _g	Facto Facto	r (Rate of Flow Q-MCFPD @ 15.025 psia	
	3.435		45.96		3.00		7	1,84	1.0		156	
	3.435		-65,744 110,5 9	54.1 55.		. 400		-9484	1.0	55	224	
	- 3.435 -		Live .	1	3-2			<u>ાશ</u>	1.0		376 483	
Li vit	quid Hydrod y of Liquid	carbon i	carbons	5 -5)		CSSURE CA	ALCU ATI	Speci Speci	fic Gravit	y Flowin	tor Gas_ <u>.667</u> g Fluid_ 4.5	
•	P _w	Pt ²	F _c Q		$(F_cQ)^2$	(Fc	Q) ² e-s)	P _w 2	$P_c^2 - P_w^2$	Cal.	P _W Pc	
\vdash	791.2							626.0	99.5	P _W 791.2	P _c	
-	74,2	and the state of t	 					587.1	137.4	766.2	930	
-	668.2						1	510.1 446.5	214.4	711.2 660.2	.839	
PAI RES	THE CO	e 011 8	biss. H	onean G. lie	rigo ,	MCFPD;					.785	
	SED To	otal by	i Mr.	Care I	ist .	h. s	etrolese	dogineer				

REMARKS

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 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 $P_{\rm W}$ 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 $P_{\rm t}$.