Form C-122

HODRS CIFELE OCC

					HOD	RS (Filtis	, 00		Form U-127	
		MULTI	-POINT E	BACK PRES	SURE TES	T FOR GAS	W METTER 3		Revised 12-1-5	
ool Monument	(McKee)	F	ormation	1 Mc	Kels 61 W		County	Lea		
nitialX	Ann	ual		Spec	ial		Date of	Test_M	ay 8, 1961	
ompany TEX	CO Inc.			Lease_J.	R. Ph	lllips	We	ll No	11	
it D	Sec 6 _T	wp. 20	S Rg	ge 37 _	E Purc	haser Ti	nsweste	rn Pip	e Line Co.	
sing 5-1/2 I	Nt. 17.0	I.D.	Se	et at 98	314 _{Pe}	rf. 9 53	2	То	9738	
bing 2-3/8										
s Pay: From										
•								_		
oducing inru	: Casing_	. Ε Ω	¹u	الم	Sin	Type we gle-Brade	enhead-G.	G. or G	.O. Dual	
te of Complet	tion: <u>5-23</u>	5-50	Packe	r 94	194	Reserve	oir Temp.		· · · · · · · · · · · · · · · · · · ·	
				OBSERV	ED DATA					
sted Through	[Hobbet]	charay	(Meter)	<u>.</u>			Type Tar	os F1	ange	
	Flow				Tubing		Casing I			
(Prover)	(Choke) (Orifice)		Diff.	Temp.	Press.		Press.	Temp.	Duration of Flow	
Size	Size	psig	h _w	°F.	psig		psig	³F∙	Hr.	
3.000	2.000	210	5.4	71	2368 2344	65 72			72	
3.000	2.000		22.6	68	2302	75		+	3	
3.000 3.000 3.000	2.000		34.0	64	2240	77			2	
3.000	2.000		12.4	54 72	2039 2316	77 76		+	18	
30000		1 00		└──			<u> </u>	<u> </u>		
Coeffici	ent.	Pr	essure	FLOW CALC		S Gravity	Compre	ess.	Rate of Flow	
).				Factor		Factor	Factor		Q-MCFPD	
(24-Hou		√ ^p f	psia	F ₁	- 1	Fg	Fpv		@ 15.025 psia	
27.52			30.2 28.2	.98 .99		.9697 .9697	1.0	28	1146 3031	
27.52	154		03.2	.99		• <u>9097</u>	1.047		43 9 8	
27.52 27.52	250	.8 7	23.2	1.00	58	.9697	1.075		7235	
27.52	93	.04 6	98.2	.98	87	.9697	1.0	61	2605	
Liquid Hydro vity of Liqui 5.866	ld Hydrocarl	oons	.960 67.1	deg.		Speci Speci		ty_Flow	rator Gas <u>.638</u> ing Fluid <u>.699</u> 70	
P _w	Pt 1	r _c Q	$(F_cQ)^2$	(F.	cQ) ² -e-s)	P _w 2	$P_c^2 - P_w^2$	Ca P	l. Pw	
2357.2		722	45.18	16	.90	5573	97	2361	69915	
		.78 .80	316.1 665.6	118 248		5478 5326	192 344	2340 2308	.9692	
2052.2	4211 42	.44]	801.1	673	.6	4885	7 85	2210	.9281	
2329.2	5425 15	.28	233.5	87	-33	5512	158	2348	.9860	
solute Potent MPANY TEXACO DRESS P. O. ENT and TITLE TNESSED MPANY	ial: 24 Inc. Box 1270.	,000	nd, Te	MCFPD;	n620)	mae		5800	
-3/8" Tubin sed Fc for			ng			į.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	en get		

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 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_w 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
- P_{f} Meter pressure, psia.
- hw- Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{pv} 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 $P_{\mathbf{t}}$.