NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-122

evised 12-1-55

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ia	.1		Annua	1		Speci	[al	<u>.</u>	Date of T	est <u>2-~(</u>		
	Amerada	Petrol	eum C	orper	ation T	.ease '	state m.	1	Well	NO •		
1011	Γ Sε	ZE	26	23	-S Bae	36- E	Purch	aser_Perm	ian Basir	Pipeli	lne Co	•
t _	Se	C		·	050#	345	 51	£ 2930	ייי). ד וו	o 34 3 0) †	
ing	5-1/2" Wt		I•	D	Set	t at		1 •		10		
ing	2-3/8" Wt		I.	.D, <u>1</u> .	995 Set	t at <u>29</u>	26•Per	f. Open 1				
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uu		ion.	3-29-	59	Packe	r None	Sing	_Reservo:	ir Temp	84		
ec	of Comptet.	1011;					ED DATA					
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te	d Through	xqqq		choke) <u>(Meter)</u>							
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╋	40.53			62	132.9	0.98	59	0.9571	1.010		<u> </u>	
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2V 1 Pw	P	P_{W} P_{t}^{2}		F _c Q	(F _c Q) ²	$(F_cQ)^2$ (1-e ^{-s})	P _w 2	$P_c^2 - P_c^2$	2 (N	Cal. P _w	Pw Pc
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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.

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

P_f Meter pressure, psia.

 h_w Differential meter pressure, inches water.

 F_g : Gravity correction factor.

 F_t Flowing temperature correction factor.

 F_{pv} = Supercompressability factor.

n I Slope of back pressure curve.

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t .