NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122 Revised 12-1-55

HOBBS OFFICE OCC
MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

1958-907at Bon PM 2:22

Initia				diophat ion				County			
	al		Innual		Spec	ial	<u> </u>	Date of	Test_9-	k to 9-28-5	
Compar	ny R1 Pas	o Matura	Ges Cor	mary	Lease	Shell S	tete	Wel	l No	9	
				21 8 Rg							
	-			1.995 Set						<u> </u>	
				L_35							
roauc	ing Inru	: Casın	rg	Tul	onng	Sin	Type We gle-Brade	enhead-G.	G. or G.	O. Dual	
ate o	of Complet	tion:	11-6-54	Packer	None		Reservo	oir Temp	 		
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			w Data				Data	Casing D	ata		
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		1.500	616		_80	812				24	
∸-	_ 	1.500			_66	783					
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•	13.99		220.72		.9913		.9127	1.066		3,085	
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s Liquavity		d Hydroca	arbons	bey	cf/bbl. deg.		Speci Speci		y Flowin	ng Fluid	
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Unable to obtain 30% draw down due to size of chokes in meter run.

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 \equiv Actual rate of flow at end of flow period at W. H. working pressure (P_W). MCF/da. @ 15.025 psia and 60° F.
- PcI 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 $P_{\rm t}$.