NEW MEXICO OIL CONSERVATION COMMISSION

	Willan'		/	TI-POTNT	BACK PRE	्र सार असार्ट्स	CS FOR CA	k Marieo		Form C-122 Revised 12-1-55	
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	Initial American				Correction Queen						
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	it §										
					Set at 1253 Perf.						
Producing Thru: Casing Tubing Type Well Single-Bradenhead-G. G. or G.O. Dual Date of Completion: Packer Some Reservoir Temp.									ess13.2		
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Tested Through (Prover) (Keter) Type Taps									***		
	(Prover)		Data	s. Diff.	Town		g Data	Casing I			
No.	(Line) Size	(Orifice	e) 3 T		1	13.40	Temp.	Press.	1	Duration of Flow	
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2. 3.		1/4-6/		1 1	24 24	456 585	24	565	25	4.0	
4. 5.	2.0	-3/6			28	883	28	750 913	24	4.0	
No.	Coefficient (24-Hour)		h _w p _f	Pressure psia	Factsia Factsi		Gravity Factor Fg	Compress. Factor Fpv		Rate of Flow Q-MCFPD @ 15.025 psia	
3.	35.07	-		75.a	1.075	C	.8353	-		2.322.377	
3° 4° 5°		•		34.2	1.0323		.8353	•		1.221.208	
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No.	P _w	Pt2	F _c Q	$(F_cQ)^2$	(F,	cQ) ²	P _w 2	$P_c^2 - P_w^2$	Ca	- W	
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4.	635.2	•	•	*			1071.5	199.0	-	• 4/34	
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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 ($P_{\rm W}$). 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
- P_{f} 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 $P_{\rm t}$.