MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

ol _Beent	<u>i</u>		_Formation	<u> </u>	_	·	_County_	1		
itial		_Annual	<u> </u>	Spec	ial		_Date of	Test	6/13/56	
Company Scally Oil Co.				Lease Van Etten				Well No9		
it <u>L</u>	Sec. _9 _	Twp _	05 Rg	ge 37 5	Purc	haser	Southern	Union (les Co.	
ing 7	Wt	of_1.D6	. 4.56 Se	t at 353	1 Pe	rf	0	To 3 ;	240	
oing 21	Wt. 6.5	1.D	2.441 Se	t at 3766	Pe	rf. <u>376</u>	1	To	766	
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Flow Data					Tubing	ing Data Casi)at.a		
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<u> </u>	1			75		 	87 <u>1</u> 811	+	24	
#	18			74			767			
11	3/8			72			-		•	
Coefficient (24-Hour)			Pressure	essure Flow T		Gravity	Compress. Factor		Rate of Flow Q-MCFPD @ 15.025 psi	
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			543.2	0.985	10		1.053		1239	
		119.9	553.2	0.986			1.054		73.	
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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 = Actual rate of flow at end of flow period at W. H. working pressure (Pw). 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
- P_t 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.
- F_g Gravity correction factor.
- Ft 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 $P_{\mathbf{t}}$.