Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	ol Basin Dakota					Formation Dekota								
Init	ial	al XX Ar					Special			Date of Test_11/5/63				
Company Southern Union Production Co. Lease McCord Well No. 8														
Unit A Sec 28 Twp 30-H Rge 13-W Purchaser K1 Pase Natural Gas Co.														
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Gas Pay: From 6223 To 6399 L 6290 xG .710 -GL 4466 Bar. Press. 12.0														
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Date	e of Com	ртет	ton: <u>1</u>	<u>G-2</u> 5	1-6.3	Packe			neserve	tr remb."				
	OBSERVED DATA													
Tested Through (Choke) (Choke) Type Taps														
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r	Conf	ei oi e	t			Pagguna	FLOW CAL	CULATION	S Gravity	Compre	55.	Rate	of Flow	
No.	Coefficient						rac	tor Facto		Factor		Q-MCFPD		
	(24-Hour)			$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$		psia	F	t	${}^{\mathbf{F}}\mathbf{g}$	Fpv		● 15.025 psia		
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ravity of Liquid Hydrocarbons					1-e ⁻⁸					P _c 1957 P _c			3829.8	
No.	$P_{\mathbf{W}}$		P _t ²		·co	$(F_cQ)^2$	2 (1	, 0)2	P _w 2	$P_c^2 - P_w^2$	C	al.	P.	
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	(2) E	b. H	. L.	Kindr	icks,	P. O. Box	k 9 90, P i	raington	, New He	xico				
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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 (Pw). MCF/da. @ 15.025 psia and 600 F.
- PcI 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwI 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.
 - FgI Gravity correction factor.
 - F_t Flowing temperature correction factor.
 - F_{DV} 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 $P_{\mathbf{t}}$.