Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Poo	South	Lanco	Fo	rmation_	Matur	od Clif	fs	_County	配向	Arriba	
Init	tial	An	nual		Spec	ial		_Date of	Test_L	V6/59	
Comp	pany Aster	Oil and Da	s Comany	L	ease_Ar	'leorie-J	cerilla	Wel	1 No	?	
Unit	. <u>J</u>	Sec 25 _	Twp. 25	Rge	1.7	Purc	haser				
	ing li									3470	
	ing 2										
										55.	
	lucing Thru										
Date	e of Comple	tion: !!/	5/59	Packer		Sin	gle-Brade Reservo	enhead-G. oir Temp.	G. or G	.0. Dual	
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Test	ed Through	I PROVER)	(Choke)					Type Tap	s		
		Flow				Tubing	Data	Casing Da			
No.	(Prover) (Line)	(Choke)	Press.	1	Temp.	Press.	Temp.	Press.	Temp.	of Flow	
_	Size	Size	psig	h _w	° _F .		°F.		[⊃] F•	Hr.	
SI 1.		.790	233			963 233	60	971 325		15 desa	
2. 3.											
4.											
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,,	Coefficient		Pre	Pressure Flo		LCULATIONS Gravity		Compress. F		Rate of Flow	
No.	(24-Ho	ur) $\sqrt{1}$	n _w p _f r	sia	ract F _t	cor	Factor F _g	Factor F _{pv}	r ,	Q-MC PD @ 15.025 psia	
1.	12,355			2.5	1,000		.9008	1.02	4	2,00	
1. 2. 3. 4.											
5.											
				PRES	SURE CA	LCUTATI	ons				
	iquid Hydro			с	•					rator Gas	
	ty of Liqui	-	ons		deg.		Speci Pc	fic Gravit		ing Fluid 9% .9 39	
No.	$P_{\mathbf{W}}$	Pt.	F _c Q	$(F_cQ)^2$	(F	Q) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Ca	l. Pw	
	(psia)				(1-		30. 959	775.320	P,	Pw Pc	
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1.1					+				 	 	
5.											
	lute Potent				MCFPD;	n	<u> 35</u>	 			
COMP. Addri	ANY ARE	oc fil and	Gas Coard	Hay Jari	80						
AGEN'	T and TITLE	ORIGINAL	SIGNED BY	D. K. BRYA	NT		N. 7.	Arrent, P.	reteti	n insor	
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					REMA	RKS				·	



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
- 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.
- F_t Flowing temperature correction factor.
- Fpv 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 $P_{\mathbf{t}}$.

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