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Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

	William Lea	R Withdea		_Formation	1 DA			_county	388	PEER .	
Initi	al		Annual_		Spec	ial		_Date of	Test	11/26/60	
ompa	ny Astec	061 az	d Ges C	and by the contract of the con	Lease	M	14	Wel	l No	21-0	
nit	L S	ec. 19	vqwT	sou Re	ge. 9 4	Purc	haser				
asin	g 🙀 W	t. 9.	50 I.D.	4.090 Se	et at	Pe	rf. 6400	}	То	6 58e	
ubin	g 8 3/8 W	t. 4.70	I.D	1.995 Se	et at	367 Pe	rf. Pin	coller	To		
as P	ay: From_	6408	To69	L t	6367 x	G 0.65(•) -GL_	139	Bar.Pre	ss. 12	
rodu	cing Thru:	Casi	ng	Tı	ibing		Type We	11 5406	le .		
ate	of Complet	ion: 1	1/21/60	Packe	r	Sin	gle-Brade Reservo	nhead-G. (ir Temp	G. or G	.0. Dual	
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			ow Data			Tubing		Casing Da			
0.		(Choke	ce)	ss. Diff.			Temp.		Temp.	Duration of Flow	
I	Size	Siz	e ps	sig h _w	°F.	psig	°F.	psig	[⊃] F•	Hr.	
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					FLOW CAL						
0.		Coefficient			Fac	tor	Gravity Factor Fg 0.9608	Factor		Rate of Flow Q-MCFPD @ 15.025 psia	
+	(24-Hour)		/ hwpf	psia	1.0000						
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5 Licavity	Pw Pt (psia)	Pt	F _c Q	(F _c Q) ²	cf/bbl.deg. (F (1	cQ) ² -e ^{-s})	Speci Speci Pc	fic Gravit	Ca PC	ing Fluid 3.968.664	
s Licavity Does I	Pw Pt (psia) Pt SS and TITLE	Pt	F _c Q	(F _c Q) ²	cf/bbl.deg. (F (1	cQ) ² -e ^{-s})	Speci Speci Pc	P _c -P _w	Ca PC	ing Fluid 3.968.064	

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
- PwT 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.
- $h_{\mathbf{w}}$ Differential meter pressure, inches water.
- FgI Gravity correction factor.
- F_{t} Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

Note: If P_W cannot be taken because of manner of completion or condition of well, then P_W must be calculated by adding the pressure drop due to friction within the flow string to P_{t} .