MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Angel	Peak Extens	ion Fo	rmation	Dal	tota		County		Sen Aven
Init	ial	Ann	ual		Spec	ial		Date of	Test	2/9/60
Comp	any Aste	e OLL & Gas	Coupers]	Lease	McClenal	180	Wel	1 No	19-0
Unit	G 5	Sec. 14 Tv	vp. <u>261</u>	Rge	e10W	Purc	haser			
Casi	ng 👪 V	/t9 .50	I.D. 4.0	790 Set	t at 64	105 Pe	rf6	190	То	6298
Tubl	ng 23/8 W	It. 4.70	I.D. 1.	995 Set	t at £	144 Pe	rf. Pin	coller	To	
Gas 1	Pay: From_	5190 To	6298	_L6	114 x	G_ 0.65(1	5) <u>-</u> GL	3334	Bar.Pre	ss. <u>12</u>
Produ	ucing Thru:	Casing_		Tul	oing		Type We	ell	ngle	
Date	of Complet	ion: 9/	2/60	Packer	r ••	Sin	gle-Brade Reserve	enhead-G. oir Temp.	G. or G	.O. Dual
	-					ED DATA				
Test.e	ed Through	zófinosnetk ((Choke)	(Martine)	0202111			Type Tap	15	
		Flow I				Tubina	Data	Casing D		
		(Choke)	Press.	Diff.	Temp.		Temp.			
No.	(Line) Size	(Orifice) Size	psig	h _w	\circ_{F} .	psig	°F.	psig	[⊃] F∙	of Flow Hr.
SI		A 200				2035	COLON	8042		7 days
1. 2.		0.750				369	60(E)	1210	 	3 hrs.
2 .		\								
4. 5.							 	 	 	
No.	i v				FLOW CALCULATION Flow Temp. Factor Ft			, -	r	Rate of Flow Q-MCFPD @ 15.025 psia
1. 2.	12.355		 交	11	1.0000)	0.9608	1.068		7371
3.										
3 c										
as Li ravit		carbon Rati d Hydrocarb			cf/bbl.	ALCU ATI	Speci Speci		ty_Flow	rator Gas ing Fluid
No.	P _w	P _t ² F	CQ	$(F_cQ)^2$	(F,	cQ) ² -e-s)	P _w 2	$P_c^2 - P_w^2$	Ca.	l. Pw Pc
1. 2. 3.	1222					1,	493.694	2.696.98	5	
3.										
5.									 	
Absol COMPA ADDRE AGENT		tec Oli & G	Parel	ercon, I	ov Macic	n O.		os, Dist.	Engr.	
. ب هجه پر	-				REMA	ARKS		RFC		å e

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 \subseteq Actual rate of flow at end of flow period at W. H. working pressure (P_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
- P_t 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.
- 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 $P_{\mathbf{t}}$.

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	DISTRICT						
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