MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised	12-1-5

Poo	1 Angel	Peak Exten	sion F	ormation	Dekot	8		County	Sen	June
Ini	tial_XXX	Anr	nual		Spec	ial		Date of	Test_ 9 /	14/60
Сот	pany	tec Oil en	d des Co	•	Lease	McClana	<u>ban</u>	Wel	1 No2	Q-Q
	t <u>#</u>									
	ing 44" V									
	ing 2 3/8 V									
	Pay: From									
Dat.	ducing Thrus	ion: V	7/6c	Packer		Sin	ngle-Brade	enhead-G.	G. or G.	.O. Dual
J .	o or compret	71011	,,	I done			neservo	orr remb•"		
_		/ - 2717 171717 \	(~, ,)	/_ 	OBSERV	ED DATA				
res	ted Through			(NEECE)				Type Tap	s	
	(Prover)	Flow (Choke)	Press.	Diff.	Temp.	Tubing Press	g Data Temp.	Casing Da	Temp.	Duration
. oV	(Line) Size	(Orifice) Size	1	l J	o _F .			psig		of Flow Hr.
SI			7018	**W		2035	 	 	. •	7 days
l. 2. 3.		0.750				456	60(E)	1016		3 brs.
3.										
+ o 5 o			 				 			
					LOW CAL					
vo.	Coeffici	ent	Pr	essure	Flow	Temp.	Gravity	Compres	ss. R	ate of Flow Q-MCFPD
	(24-Hou	$r)$ \sqrt{h}	w ^p f	psia	F ₁	t	Fg	Fpv	` @	15.025 psia
L. 2.	12.365		46	33	1.000		0.9608	1.055		X 66
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					SSURE CA	ALCU ATI				
	iquid Hydro ty of Liqui				cf/bbl. deg.			fic Gravit fic Gravit		
		•	(1-e ^{-s})				Pc	047	Pc 1 10	0 200
								·		
10.	$P_{\mathbf{w}}$	P _t .	F _c Q	$(F_cQ)^2$	(F	Q) ²	D 2	$P_c^2 - P_w^2$	Col	D
	Pt (psia)		. c	(1, C.A.)	(1:	c√) _e−s)	P _w 2	, c	Cal P _w	P _w P _c
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	lute Potent	 ial:	7289		MCFPD.	n0				
OMP	ANY Astec	oil and Ja	S COMPANY				- ()			
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REPL 9 1900

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 (P_w) . MCF/da. @ 15.025 psia and 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- Pw⁻ 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.
- $h_{\mathbf{W}}$ Differential meter pressure, inches water.
- $F_g = Gravity$ 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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