Form C-122

Revised 12-1-55

piece ...

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Beein	Dahote	<u> </u>	F	ormation		Baketa		_County_		en Juan	
Init	ial		Annu	al		Spec	ial		_Date of	Test	-12-64	
Comp	any PAN AME	ECAN I	PETROL	EQN CO	LP.	Lease	P. O.	Pipkin	We	Ll No	1	
Unit		ec	Tw	p	Rg	e 10	Purc	haser				
Casi	ng 4-1/2 W	t).5 I	.D. 4.1	952 Se	t at	453 Pe	erf. 624	3-71/629	70 63	00/6350-83	
Tubi	ng 2-3/8 W	t	., T	.D. 1.1	95 Se	t at	301 Pe	erf		_To		
Gas	Pay: From_	6263	_To	6363	L	6323 x	.G .700		4426	Bar.Pre	ss <u>12</u>	
Prod	ucing Thru:	Cas	sing	.	Tu	bing	*	Type We	11	9	ingie	
Date	of Complet	ion:_	6	-2-64	Packe	r_ Non	Sir	ngre-Brade Reservo	oir Temp.	G. OF G	.v. buai	
						OBSERV	ED DATA					
est!	ed Through	(FIU	<u>ef)</u> (Choke)	(Meter)	!			Туре Та	osn	Ange	
			low D		D: cc			g Data	Casing 1	Data	Duration	
No.	(2000) (Line)	(Cho	ice)	ŀ		,	l	Temp.	Press.	1 -	of Flow	
SI	Size	Si	ze	psig	h _w	°F.	psig	°F.	psig	°F.	Hr.	
1.	2 Bach	.,	750	432			432	60° est.		60° es	t. 3 Mgs.	
2 . 3•					ļ			-		+		
+•												
5. !					L		L		L			
No •	Coefficient (24-Hour) $\sqrt{h_{W}p_{f}}$				ressure	Flow Fac	CULATION Temp. tor	Gravity Comp Factor Fac		Rate of Flow Q-MCFPD © 15.025 psia		
1.+	12.3630		V ''W	-				.9258	F _{pv}		5363	
2 . 3.												
+•												
5.												
					PR	ESSURE C	ALCUIATI	IONS				
as Liquid Hydrocarbon Ratio					cf/bbldeg.			Speci	Specific Gravity Separator GasSpecific Gravity Flowing FluidP_C			
·			`				_	С				
No.	P _w Pt (psia)	Ρt	F	_c Q	(F _c Q) ²	(F	[cQ) ² [-e ^{-s})	P _w 2	P _c -P _w ²	P	P _W P _C	
1. <u> </u>								11		3		
3. 4.												
5. 1												
Abso COMP	olute Potent	ial	0 727	536 2013 121	CORPORA	MCFPD:	n	75				
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AGENT and TITLE WITNESSED								- Castrivin				
	PANY						(ADVC		THILL	1180	1	
						REI	iarks		JUNI	7 1964	.]	
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										IST. 3		
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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 (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
- PwT 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.
- Ft Flowing temperature correction factor.
- F_{DV} 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} .