Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	ool <u>Undesignated</u>			F	_FormationDekote				County San Juan			
Init	ial X		_Annu	al		Spec	ial		Date of	Test 5	26-60	· · · · · · · · · · · · · · · · · · ·
Comp	any Sunray	Mid-Con	tiner	t 011	Co.	Lease n	N. Feder	mal #N#	Wel	1 No		
Unit		Sec. <u>18</u>	Tw	p	Rge	. 12 W	Purc	haser	None			
Casi	ngl 1/2" I	Nt 9. 5 &	11.6	.D	Set	at_ <u>68</u>	7 5 . Pe	rf <u>656</u>	lı	To6	680	
	ng 2 1/8											
Gas 1	Pay: From		To		L	x	.G	<u>=</u> GL		Bar.Pre	ess	
Produ	ucing Thru	: Casi	ng_		Tul	oing	<u> </u>	Type We	ell	le .		
Date	of Complet	cion:	-4-6	0	Packer	-	Sin	gle-Brade Reserve	enhead-G. oir Temp.	G. or (3.0. Di	ual
							ED DATA		_			
Ce s te	ed Through	A Description	<u>r) (</u>	Choke)	(Noter)				Туре Тар	s		
			ow Da				Tubing		Casing Da	ata	<u> </u>	
No.	(Prover) (Line)	Conicio	ne)			_	İ	i		1	• Duration of Flow	
J SI	Size	 		psig	h _w	F.	psig	°F.	psig	[⊃] F•	ļ	Hr.
L.		75		210		80	300		15k5 690			3 Hours
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								<u> </u>				
					_			_				
	Coeffici	ent					CULATION		Compres		Pata	e Flow
io.	$(24-\text{Hour}) \qquad \sqrt{h_{\text{W}}p_{\text{f}}}$			``			- 1	-	Factor		Rate of Flow Q-MCFPD	
				$\mathbf{r}_{\mathbf{f}}$	psia		t	$\mathbf{F}_{\mathbf{g}}$	F _{DV}		@ 15.025 psia	
]	2.3650		1				9258		1.013		2538	
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•												
	.quid Hydro y of Liqui		carbo			SSURE C.cf/bbl.deg.	ALCU ATI	Speci Speci ^P c	fic Gravit	y Flow	ring Fl	
								15) 0	ă	1127	
0.	P _w	P_{t}^{2}	Fc	Q	$(F_cQ)^2$	(F,	_c Q) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$,	l.	P _w P _C
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			T^{-}								- 	
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OMPA												
						REM	ARKS					

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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 = 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.
- 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.
- 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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