2-South 1-Astes 011

Form C-122

MULTI-POINT BACK PRESSURE TEST FOR HAS WELLS Revised 12-1-55 1-File

Pool	Fulche	r-Kuts	<u> </u>	ř'¢	mastion	Pictur	ed Cliff	8	_County_	San Ju	in.
Init	ial X		_Annu	al		Spec	ial		_Date of	Test	12-24-59
Compa	ny Redferr	& Her	4	Taraka dagan d		Lease	Witt		Wel	ll No	1
Unit	X S	Sec33		p. 291	Rge	e. 11W	Purc	haser			
Casin	ng 44 W	t. 9.	5 I	.D.	Se ¹	t at 159	2 Pe	rf. 1552		To	536
Tubir	ng 1} W	t. 2.2	<u> </u>	.D	Set	t at 151	2 Pe	rî. 1512		То 1	508
Gas 1	ay: From	L5 5 2	To_	.536	L	x	g .600			_Ear.Pre	SS•
Produ	cing Thru:	Cas	ing		Tub	oing		Type We	11 Sing	le-Gas	
Date	of Complet	ion: 1	2-17-5	19	Packer	·	Sin,	gle-Brade Reservo	nhead-G. oir Temp.	G. or G	
							ED DATA				
Teste	d Through	APEV	S . ((Choke)	(Neces)				Type Tap	DE	
							Tubing	Data	Casing I		
	(Prover)		low Dake)		Diff.	Temp.			Press.		Duration
No.	(Line) Size	(Orif	ice)	psig	1	_	p si ∉	o _₹ ,	psig		of Flow Hr.
SI	5120			7018	w		268		268		
1.											
2 . 3.		3/		35		58			162	 	3 hrs
4. 5.								 			
<u> </u>		L		 				-	L		<u> </u>
	Coeffici	ent.		Pr			CULATION Temp.		Compre	ess.	Rate of Flow
No.			/			Fac	tor	Factor	Facto	or.	Q-MCFPD @ 15.025 psia
	(24-Hou	r) -	$\sqrt{h_{w}}$	Pf	psia	F.	t	F _g	Fpv		w 15.025 psia
1. 2.											
3. 4. 5.	12.3650				47	1.0019		1.00	1.00		582
5.											
					PR.	RSSUBE C	ALCU ATI	ONS			
									es a Camer	itu Con	matax Cas
as L: ravit	lquid Hydro by of Liqui	carbon d Hydr	ocarb	ons		cf/bbl. deg.		Speci	lfic Grav. Lfic Grav:	ity Flow	rator Gas ving Fluid
			,	l-e ^{-s})				Pc	280	Pc	8.4
									····		
No	$P_{\mathbf{w}}$	P ² t.	T.	્રવ	(F _c Q) ²	(10	0)2	P _w 2	$P_{c}^{2}-P_{w}^{2}$	Ca	al. Pw
No.	Pt (psia)	! ^r t	 ! t	c*	(1. C/4)	(2.	c2) ² -e ^{-s})	* W*	- C . W		P _w P _c
<u> </u>											
1. 2. 3. 4. 5.	174							30.3	48.1		1,63
4.											
	luto Por ort		<u></u>			MCRPD.	n .85_	1.514	·		
COMP.	Lute Potent ANY	edfern	& He	rd							
ADDR	ESS I	174	7. Mi	dland,	Texas	Engineer	,				
WITN	ESSED										
COMP.	ANY					REM	IARKS	<u> </u>	*.		



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 600 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
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- $F_g = Gravity$ correction factor.
- Ft Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.

			<u> 19</u> 1	OFFIC	Έ
		en e	ak (Li 😉		
			-	. o.	
			1	* * * * * * * * * * * * * * * * * * *	-
			<i>'</i>	11 11 1 1 mm 4.	
The state of the s	5 m				; I
	File				-