Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Poo	1 Astes			F	ormation	Pia	stared C	Liffe	_County	San	Juen
Ini	tial	·····	Annu	al		Spec	ial		_Date of	Test_	ovember 2, 1956
Com	pany A	itec O	11 & C	as Com	party	Lease	ilare	,	Wel	1 No	<u>k</u>
Uni	t <u> </u>	Sec	25_Tw	p. 29	Rg	e. 10	Purc	haser_ 80	nthern Un	don Car	в Соврему
Cas	ing 5 1/2 W	it. <u>15</u>	. 5 _1	.D	Se	t at 2	Pe	rf. 193	<u> </u>	To 19	70
Tub	ing 1º W	/t. <u>1</u>	<i>•7#</i> I	.D	Se	t at	%5 Pe	rf. 193	<u> </u>	To 19	<u> </u>
Gas	Pay: From_	1932	_To	1970	L	x	.G			Bar.Pre	·ss
Pro	ducing Thru:	Cas	sing	x	Tu	bi.ng	<u> </u>	Type We	11 Single	- Gas	Gas
Date	e of Commplet	ion:_	Qa tobe	e 26,	195 acke	r_ Kon	Sir	ngle-Brade Reservo	nhead-G. (oir Temp	G. or G	3.0. Dual
							ED DATA				
Test	ted Through	(Dans		Choke)	(Makinus)	7 day St	mt-dn		Type Tap	s	
			low D				Tubing		Casing Da		
No	(Prover) (Line)	(Che	oke)	Press.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration of Flow
	Size	Si	ize	psig	h _w	o _F .		o _F .	psig	°F.	Hr.
SI 1.		3/4					705	60	706 30h	60	1 hours
2. 3.											
4.											
<u> </u>		 		 	<u> </u>	PT OW CAT	CIT ATTON	re		<u> </u>	
	Coefficient			Pr				Gravity	ity Compress. Rate of Flow tor Factor Q-MCFPD		
No.	(24-Hour) √ h _w i			p _f psia		Factor F _t		F _g F _p			@ 15.025 psia
1. 2.	12.3690			11/4		1.00		0.961	1.014		1398
3. 4.											
5.											
					PR	essure c	alcui ati	ONS			
	Liquid Hydro					cf/bbl.					rator Gas
C	ity of Liqui	а нуаг	(]	ons L-e ⁻⁸		deg.		-	iic Gravi	P2 PC	ring Fluid
						· · · · · · · · · · · · · · · · · · · 					
No.	$P_{\mathbf{W}}$	P_{t}^{2}	F,	Q	$(F_cQ)^2$	(F	cQ) ² -e ⁻⁸)	P _w 2	$P_c^2 - P_w^2$	i	P _W
1.	Pt (psia)	·				(1		Lagh	500610	P	y Pc
2: 3.	e s - ÇAS								5,0045		
4.			#			#				+	
Abso	olute Potent	ial:_		24.74		MCFPD:	n n			_1	
ADDF	PANY	*****	ac ott	A GAS	CORPAR						
AGEN	T and TITLE ESSED	ORIG	RALL-SI	GNIDU	A Dalle l	rlinoise	GS 7 Produc	Man Ingl			
	PANY			···········		DEM	ARKS				
						U.C.M.	WITTI				CI'I R A

NOV 23 1956 OIL CON. COM. DIST. 3

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 (Pw). MCF/da. @ 15.025 psia and 600 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
- 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.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.

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