Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	Blanco Me	esa Verde	<u> </u>	_For	nation.	Hogg Ve	rde		County San Juan			
Init	ial	Ar	nnual_			Spec:	ial <u>xx</u>		_Date of T	e st	20-62	
Comp	any Southern	union F	roduct	ion C	o	Lease <u>Qu</u>	inn		Well	No	1	
Unit	. <u>L</u> S	ec20_	Twp	31-N	Rge	e. <u>8-₩</u>	Purch	aser <u>Sol</u>	ithem Uni	on Gath	ering Co.	
Casi	ng li ⁿ W	t. <u>10.6</u>	#I.D	3.47	<u>'6 Se</u>	t at <u></u>	Per	f. 51,22	T	o <u> </u>	6	
Tubi	ng 2 1/15W	t. 3.11 #	I.D	1.75	<u>(0</u> Se	t at_ <u>5</u> 80)2Per	f. <u>5787</u>	TT	o <u>58c</u>	2	
Gas	Pay: From_	5422 To	<u>5876</u>		L 5787	, 10	G <u>72C</u>		167B	ar.Pre	3812.0_	
Prod	lucing Thru:	Casin	3		Tu	bing <u>x</u> y		_Type We	11_Single	Gos -		
Date	of Complet	ion: <u>7</u> -	12-62		_Packe:	r			nhe sd-G. G ir Tem p.			
							ED DATA					
Test	ed Through	(Prover	(Chok	e) (4	Meter)				Type Taps	<u> </u>		
Flow Data								Tubing Data		ta		
No.	(Prover) (Line)	(Choke	e)		Diff.	1 19				Temp.	of Fl	Low -
70.7	Size	Size	ps	ig	h _w	°F.	psig	°F.		°F.	Hr.	
SI 1.	2**	3/4	67	, +		690	8 13 5 7	690	880 J.33	690	7deys	-
2.		2/4									— 	
3.						, , ,						
4. 5.												
						<u></u>			!			
			<u>-</u> .				CULATIONS				Dada of Ele	
No.	Coefficient (24-Hour) $\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$			Pressure Flow Fac				emp. Gravity or Factor			Rate of Flow Q-MCFPD @ 15.025 psia	
NO.							t.	F	F _{DV}			
1.	72,3650		H- T		70	991		9129	F.		881: 1	
2.					13						Ootigz	
3.												
4. 5.												
				 -			alcui ati o					
	Liquid Hydro ity of Liqui					.cf/bbl.deg.					rator Gas_ ing Fluid_	
	toy or hidar	-	1-e	3)		ues•		P _c	892	Pc 79	5.7	
·—			 -					U				
	P _w				·					T		
No.	*W	$P_{\mathbf{t}}^2$	F_cQ		$(F_cQ)^2$	F	_د و) ²	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$	Ca		
1	Pt (psia)						-e ^{-s})			P	7	
1.				—				198.0	597.7		1199	
3.				- -				<u>.</u>		400		
4.									11 1			
5.										<u> </u>		
	olute Potent PANY <u>Southe</u>			. 1. 1		MCFPD;	n7	5		9 12	† 1	
ADDI	RESS Rev 80	S Same	cton 3		orri oo		Original Sign	sd By	\			
AGE	NT and TITLE	<u>Jern</u>	e Rocki	old.	7- Fr	ninoer	VEK	COLD				
WIT	NESSED	Vern	e Rockin	old								
OOM	PANY_Southe	ern Union	roduc	tion		F.ED	ARKS		est taken l			

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
- 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.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{nv} 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_{+} .