MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised	12-1-55

Po	ool	793	ecto		·	Formatio	on Pic	tured	111	<u> </u>	County_	Jo A	ori)ta	
PoolFormation Pictured CliffCounty														
Company Southern on a Company Lease Jicarilla Well No. 4 &														
Unit Sec. 2 Twp. 25 Rge. 5 Purchaser Southern Union was Lowestay Casing 5 1/2" Wt. 15.5 I.D. 1.950 Set at 1562 Perf. 2936 To 3036								<u> </u>						
	Tubing 2 3/3 Wt. 1.75 I.D. 2 Set at 2976 Perf. 236 To 2976													
														33 -3
											11 <u>8.</u> ,			3109
									ベコワか	10-Hmndc	nhead-G. ir Temp.		A D	al
			_					VED DA		_110361 40	ti temb.	<u> </u>		
Tes	sted Th	rough	(Pro	ver) (Choke)	(Meter		.VED DA.	, A		m m			
				Flow Da		Transaction	1	T			Type Tap			
	(Pr	over)	(Ch	oke)	Press	Diff	. Temp.	Proc			Casing I)ata	-i _	
No.	I)	ine)	(Ori	fice)		7 211	1		3.	Temp.	Press.	Temp.		ration
***************************************	S	Size		ize		h _w	o _F .	psi	g	°F.	psig	∫ o _F .	C	of Flow Hr.
SI								103			1051		 	
1. 2.	 		ئــــا	/4°	12		63	13	9	63	217		3 500	re
<u>~•</u> 3.		·	 		 	 	 		+					
<u>4.</u> 5.						 	 	 	╌┼			 	 	
5.												 		
							ET OU CAI						· *	
	Co	effici	ent	-	Pi		FLOW CA				Common		Det	
No.							l Fa	rtor	١,	Factor	Compre	ss.	Rate of	Flow
	(24-Hou	r)	¬√ h _w p	of	psia	1	et.		Fg	Facto Fpv	1	@ 15.02	5 psia
1.	轮	2557				31	0.997		0.	21/13	1.0		1,548	7 7010
1. 2. 3. 4. 5.													43,,44,5	
30														
5.														
														<u> </u>
						PR	ESSURE C	ALCULA:	r'ION	S				
lae I	ianid	Uzzdano		Ratio										
Gravi	ity of	Liquid	aroon 1 Hvdr	ocarbo	ns	····	cf/bbl. deg.			Specif	ic Gravit	ty Sepa	rator Ga	as
Fc				(1	_e -s)		ueg•			p 1	ic Gravit %2	p2 P2	ing flu:	id
No.	$P_{\mathbf{W}}$		P _t .	F _C	a	$(F_cQ)^2$	(7	2			-2 -2			
	Pt (r	sia)	¹t	, c		(rcQ)	(1	cQ) ² -e ^{-s})		P _w 2	$P_c^2 - P_w^2$	Ca		W C
1. 2.							- 			52.99	1033.73	P	w I	С
2.		1										 		
3. 4. 5.		3 1		T 1	VATIC	SASKO:	2 10							
5.	···		3017	(* * *						-		
	7 r													
COMP	ANY	prenti	a1:	1,4	IJ		MCFPD;	n	9.	.85				
ADDR				7.14	· · · · ·									
		TITLE_												 -
	WITNESSED													
COMP	COMPANY													
	REMARKS OIL CON. CON. CON. CON. CON. CON. CON. CON.													
		er elektropiskow, rojikow wo	***									AUD	VI	
		سننظو بنون ويا عوضو		malan a							[9	(J. C. 2)		H
				- S Net metrigie								VON.	1956	1
				·····							1	JOY.	Gar 1	
	Olsr. Cox													
					and the second second second									

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.
- Pc= 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
- P_{f} 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 $P_{\rm t}$.

OIL CONSERVATION COMMISSION							
AZTEC DISTRICT OFFICE							
No. Copies Received 3							
DISTRIBUTION							
	NO. FURNISHED						
rettor							
9 kons F e	/	. 					
Perentian Office							
Committane Office							
u 5 G S.	/						
Transporter							
File							
The resultant makes a section of							