MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised	12-1-55

Pool	Astec			Formation	lation	ed Olice	ŧ	County	, an J	ion
Init	ial <u>y</u>	A	nnual		Spec	ial	4,0	_Date of	Test_1	1/15/9
Comp	oany <u>ztec</u>		SS (TO) S	ay .	Lease	ælla	a an	Wel	1 No	12
Unit	7F C	Sec <u>13</u>	_Twp26_	Rg	e. <u>1</u>	Purc	chaser <u>ga</u>	toorg ni	30 8 6	Sor any
Casi	ng V	Vt. <u>9}</u>	I.D. <u></u> .	Se	t at 1	<u> </u>	erf15	8	To	1336
Tu bi	ng <u>l</u>	Vt. <u>1.7</u>	_I.D <u>1</u>	<i>ეს</i> ე Se	t at_ <u>l</u> g	<u>11</u> Pe	erf. 1	6	То	1%
Gas	Pay: From	<u>1 1/2 </u>	o <u>19%</u>	L	x	:G			Bar.Pre	ess
Prod	ucing Thru:	Casin	g <u>X</u>	Tu	bing	Sir	Type We	oll state	<u>ு as</u>	T O Duol
Date	of Complet	ion:	/10/ s	Packe	r		Reservo	oir Temp	G. OF C	r.O. Dual
- • ·	1935				OBSERV	ED DATA				
Test	ed Through	(Prover	(Choke)	(Meters)				Type Tap	s	
		Flor	w Data		1	Tubing	Data	Casing D	2+2	
	(Prover)			. Diff.	Temp.		Temp.		Temp.	Duration
No.	(Line) Size	(OPPPE) Size	584)		o _F .	psig		psig	o _F .	of Flow
SI		- D120	poig	W W			P 4		Г•	Hr.
$\frac{51}{1}$		•750	260	+		<u> </u>		<u>်22</u>		An a
2.		•1.50		+		259	50	260		3 2000
3.]		1								
4.										
5.		<u></u>								
				.	OT OUT OLD T	OUT AUTON	0			
-т	Coeffici	ent	D	ressure	LOW CALC	Temp.		Company		Rate of Flow
No.	00011101			ressure		tor	Factor	Compre	I	Q-MCFPD
	(24-Hou	r) /	hwpf	psia	Ft		Fg	Fpv		@ 15.025 psia
1.	2.305	- 		272		-	<u>&</u> 99,18	1.027		3.31
2.				- 1 Mar	<u>#8.∰ 'a : *1⊅</u>		<u> </u>			
3.					····					
4.										
5.										
	iquid Hydroc by of Liquic				CSSURE CA	ALOU! ATI	Speci Speci		y Flow	rator Gas ring Fluid Dr. 56
No.	P _w (psia)	Pt ²	F _C Q	$(F_cQ)^2$	(F ₀	Q) ² -e-s)	P _w 2	P _c ² -P _w ²	Ca P.	
I.	231						9.9	322.09€		<u>w. </u>
1. 2. 3. 4.										
3•										
5.										
Absol COMPA ADDRE AGENT	ute Potenti NY ztec SS OX and TITLE SSED_NY	11 Mr.	as Comma via tom,	ay San Sylco Y D. K. BRY	ANT			. P & S.	ero de la Cal	na zyisee:
					REMA	RKS				

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. 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
- P_{t} 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 $P_{\mathbf{W}}$ 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 $P_{\mathbf{t}}$.

OIL CONSERVA	TION COMMI	SSION					
AZTEC DISTRICT OFFICE							
No. Copies Received							
DISTRIBUTION							
The second secon	NO.						
Charator	1						
Tenta Fe							
Prora Di Cifico		1					
sero Land Ornico	1						
G. S. G. S.							
Transporter							
File	17						