NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

1

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Poc	1 1100	•		·	F	ormation	Mos	a Yerde		County_	San Jus		
Initial Annual				al	Special				Date of	Test	8/7/58		
Con	pany Met	PIG 1		rest 1	717.EAT	3	Lease	39-8		We	ll No	28- 16	
Uni	t G	Se	ec1	6 Tw	p. 31	Rg	e. 🔐	Purc		t connect			
Cas	ing 😘	Wt	· •	I	.D	Se	t at 591	5 Pe	rf. 540	jķ:	To_5	9381	
	Tubing 1.D. Set at Perf. To Gas Pay: From To L xG -GL Bar.Press. 12												
Producing Thru: Casing Tubing Type Well Single Single-Bradenhead-G. G. or G.O. Dual													
Date of Completion:							Single-Br			adenhead-G. G. or G.O. Dual			
240	o or comp	71001	.011			r acke			neservo	ort lemb.			
		-	/4111					/ED DATA				162	
Tes	ted Throu	igh					Sint	12 10 40	78	Туре Тар	os		
	(Prove	r)		low Da		Diff.	Temp.	Tubing Press.		Casing I		Duration	
No.	(Line Size)	(Orif	ice)	psig		$o_{\mathtt{F}_ullet}$	psig		psig	o _F .	of Flow	
SI					Pore	W		1000		1116	 	111 •	
<u>l.</u>			3/4		100		97"	500		ALE.	69	3 38634	
2 . 3.		-+			 				<u> </u>		 	 	
4.				 ,	<u> </u>						 	 	
5.											†		
No.				FLOW CALCULATION Flow Temp. Factor Sia Ft		Temp.	Gravity	, -	r	Rate of Flow Q-MCFPD @ 15.025 psia			
1.	12.35					484	-392.5		.9680	1.0	1	5,238	
1. 2. 3. 4.													
ا د ا					-+-								
5.							············						
PRESSURE CALCULATIONS as Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas ravity of Liquid Hydrocarbons deg. Specific Gravity Flowing Fluid c(1-e^{-S}) P_C													
No.	P _w Pt (psi	a)	Pt2	Fc	Q	$(F_cQ)^2$	(F	cQ) ² -e ^{-s})	512 P _w 2	P _c -P _w ²	1	Pw Pc	
1. 2. 3. 4.					12 (17)	7 7 -			1	1.00.3	 	1.20	
3.						- 100 m	· y						
4.													
٠.						·	-4;						
COMF ADDR AGEN	PANY PANY RESS AT ANY T and TI	78					MCFPD;	n <u>•13</u>	/ 1,1892	crell/c			
	NESSED PANY				* **				/R	LULIYE	n / -		
OFIF	WMT						REM	ARKS	OI	UG1 5 195 CON. 6 DIST. 3	98 ⊕M:		

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_W). MCF/da. @ 15.025 psia and 60° 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
- 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.
- FgI Gravity correction factor.
- F_t 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.							
Operator	20.00							
Santa Fe	7							
Proration Office	And a second							
State Land Office	-							
U. S. G. S.	/							
Transporter								
File	7							
	The second secon							