MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool	West	Ku	tz C	anyon	<u> </u>	Forma	ation	Pict	ured C	liffs	County	San	Juar	-		
Initi	nitial X Annual					Spe	cial		Date of Test 0.22.58							
Compa	mpany Basin Company				Lease Hageod			d	Well No. <u>1-X</u>							
Jnit	P	S	ec. <u>2</u>	OTw	p	9_N	Rg	e. <u>18</u>	w Pur	rchaser						
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[ubin	g <u>1</u> "	W	·1	20 I	:D. o	824	Se	t at	1891 I	Perf		To				
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)ate (of Comr	let:	ion:	9-15-	58	F	 Packe	r No	S: 10	Type Wingle-Brade	enhead-G oir Temo	. G. or	G.O.	Dual		
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	<u> </u>			Flow D				· 	Tubir	- Dot o	Type Taps					
T			(Ch	oke)	Pres	s. I	iff.	Temp.		ng Data s. Temp.					ation	
No.	(Line) Size		(Orifice) Size		psi	g	h _w	o _F .	psig	, o _F ,	psig	o _F .		of Flow Hr.		
SI					3W			321		321						
2.			1/	4* 2*	112			62			112:5	62	25	hour min.	sta	
3.																
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				+					LCULATIO		- 12-		1 2 -1 -	. 0 . 703		
Io.	Coefficient		F		Pressure			Temp.	Gravity Factor			Q-M	te of Flow -MCFPD			
	(24-Hour)		$\sqrt{h_{W}p_{f}}$				Ft		Fg	Fp	v		@ 15.025 psia			
2.	12.3650 5.4315				61.		1.000		0.964		1.054		773			
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							PR.	ESSURE (CALCULAT	TIONS						
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avit;	y of Li	.quio	l Hyd	rocarb ()	ons 1-e ⁻⁵)		deg	•	Spec:	ific Gra	vity Flo P ² 1	owing	Fluid_ 29		
· ————————————————————————————————————				`					_	°T:	1.] 333 2.] 333	1	10.8	89		
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										10,000	1 34.0	07				
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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 (er 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.
- Ft Flowing temperature correction factor.
- Fny Supercompressability factor.
- n _ Slope of back pressure curve.
- Note: If P_W cannot be taken because of manner of completion or condition of well, then P_W must be calculated by adding the pressure drop due to friction within the flow string to P_+ .

OIL CONSER	VATION COMMISSION
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Operator Dis	RIGUTION
Santa Fe	7
U. S. G. S.	
Transporter File	