MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Revised 12-1-55

Poo	ol _Undes	ignated		Formation Dekota					County_	County San Juan		
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	sing 🙌 🕆		i							To 6	296	
	oing 2º I											
	Pay: From		ì									
							Type Well Single - Gas Single-Bradenhead-G. G. or G.O. Dual					
Dat	e of Complet	cion:_ 9 -	26-61	1	Packer	r	Sin	gle-Brade Reservo	enhead-G. oir Temp.	G. or G	.O. Dual	
							ED DATA		_			
Tested Through (C				hoke) (Notes)			Type Taps					
	(Proyect)	Flo	w Dat	a	Diee	m	Tubing	Data	Casing D	ata		
No.	(Line)	(Orific	ce) ii		j				Press.	!!!	Duration of Flow	
SI	Size	Size		psig	h _w	°F.			psig	°F.	Hr.	
$\frac{51}{1.}$		3/4"			-		2032		2032			
2.							360					
3. 4.		<u> </u>						80	345		3 Hours	
5.												
					F	LOW CAL	CULATION	3				
No.	Coefficient $(24-Hour) \sqrt{h_{w}p}$		hwpr	Pressure		Flow Temp. G		Gravity	Factor		Rate of Flow Q-MCFPD @ 15.025 psia	
1.	12.365			357		.9813		1.0	1.032		4555.6	
1. 2. 3. 4.									_			
4.												
5. 1												
	Liquid Hydro					cf/bbl.	OITA IUOLA	Speci	fic Gravit	y Sepai	rator Gas	
ravity of Liquid Hydrocarbon c_1.571 (1				deg. Space P _C					eific Gravity Flowing Fluid			
								Ç		- 0		
No.	P _w	P _t .	F _c Q		$(F_cQ)^2$	(F,	(a) (a)	P _w 2	$P_c^2 - P_w^2$	Cal	P.,	
- 	Pt (psia)				<u> </u>	(1.		10.4		P. 374	P _W P _C	
1. 2. 3. 4.								W .7	4037.5	3/7		
3. <u> </u>												
4. 5.										 		
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										APT		
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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 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
- 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
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.