MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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Pari s	ha	12	-1-	-55

Pool	Basin 1	Dakota		Fo	rmation_	Delo	ota		_County	San Ju	LET		
									Date of Test <u>12-28-62</u>				
							Well No. 1-13						
Unit K Sec. 13 Twp. 28N Rge. gw Purchaser No pipeline connection													
Casing 4-1/2" Wt. 10.50 I.D. 4.052 Set at 7453 Perf. 7048 To 7430													
	ing 2-3/8" W												
	Pay: From_				•								
Prod	ducing Thru:	Cas	ing		Tut	oing	Sing	_Type We	ell <u>sinc</u>	G. or (Well	hal	
Date	e of Complet	ion:	11-10-	52	Packer			Reservo	oir Temp				
		(D) (0)-	-1 \	(Mat a)		ED DATA		тта так				
rest	ed Through				(Mecer)		m 3.2	D. A.	Type Tap				
	(Prover)		low Dat		s. Diff.	Temp.	Tubing Press.	Data Temp.	Casing D				
No.	(Line) Size	Si	ze	psig	h _w	°F.	p sig	o _F .	psig	o _F .	1	of Flow Hr.	
<u>SI</u>			75"	125			2040		2046			hre.	
$\frac{1}{2}$.		<u> </u>	<i>13</i> "	7.5			4040		21/45			OF#	
3.													
4. 5.		ļ <u>.</u>			 						 	· · · · · · · · · · · · · · · · · · ·	
No.			$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$	wp _f psia		Flow Temp. Factor Ft		Factor	1		Rate of Flow Q-MCFPD @ 15.025 psia		
2.				1									
3. 4. 5.				+-	 +								
5.													
PRESSURE CALCULATIONS Sas Liquid Hydrocarbon Ratio cf/bbl. Specific Gravity Separator Gas specific Gravity Flowing Fluid													
_	Pt (psia)						<u>-</u>	19 164	2 922 200		P _w	P _C	
1. 2. 3. 4. 5.	642							12,164	3,823,200				
3.				\Box									
<u>4• </u>									 	+			
Abso COMI ADDI AGEI	plute Potent PANY Delha RESS P. O. NT and TITLE NESSED None	l-Tayl Draw	er 1198.	Ter	nington,	New Me				relv	ED		
COM	PANY					T) EPA	(A DVC		——/ <i>K</i> /	Thi.	-000		
						KER	ARKS		0'	EC 4	1963 I. C OF I. 3	ri)	

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 I 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
- 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.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{DV} Supercompressability factor.
- n I 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_{t} .