MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

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Revis	6	£		12.	-1	- 5	5

Pool	Besta B	ebots		F	ormation		Bahota		_County	See J	lvas.	
											2-11-64	
Compa	iny pas and	BIGAN	PETRO		3407.	Lease	treingten	Ges Unit	" B" We]	1 No	1	
Unit	E/4 S	ec1	5 _Twp	291	Rge	. 120	Purc	haser	Pass Nat	ural Ga	e Campany	
								6126-40)		224-32	
								ř				
Tubing 2-3/8 Wt. 4.7 I.D. 1.995 Set at 6119 Perf. com star coded Gas Pay: From 6126 To 6232 L 6279 xG.760 cotGL 4393 Bar.Press												
Producing Thru: Casing Tubing Type Well												
					Single-B			gle-Brade:	adenhead-G. G. or G.O. Dual rvoir Temp. Not Available			
Dage	or compact.						ED DATA					
.		4			4		DD DAIR				Flores	
Teste	d Through				()		·					
	(Frover)	(Cho	low Da	Press	. Diff.	Temp.	Press.	Data Temp.	Casing I	Temp.	Duration	
No.	(Line)		(character)		1		1	o _F ,		į.	I AF KIAW I	
SI	7 day						2062		2062			
2.	3	0.73	0	413			413	60° est	>11	907 61	it. 3 hour	
3.										ļ		
4. 5.					+				<u> </u>	 	 	
No.)f	Pressure Flow Fac psia F		tor Factor		Factor F _{pv}		Q-MCFPD @ 15.025 psia		
1.	12.5650				123	1,60		.9250	1.65	2	5118	
2 . 3.												
4.												
5.			<u> </u>		PR	ESSURE C	ALCUIATI	ONS				
Gas I.i	quid Hydro	carbor	n Ratio	.		cf/bbl.		Speci	fic Gravi	ity Sep	arator Gas	
Gravity of Liquid Hydrocarbons			ns	deg.			Speci	Specific Gravity Flowing Fluid				
P_{c} (1-e ⁻⁸) P_{c} 3994 P_{c}^{2} 4,384,836												
<u> </u>	Pw								2 6			
No.	-	P	E F	,Q	$(F_cQ)^2$	(F	$\left(\frac{cQ}{ce^{-s}}\right)^2$	$P_{\mathbf{w}}^2$	$P_c^2 - P_w^2$	C	$\begin{array}{c c} al. & P_{\underline{w}} \\ P_{\underline{w}} & P_{\underline{c}} \end{array}$	
1.	Pt (psia)					- (1	<u>-€ °) </u>				P _w P _c	
2.												
3.										+		
4. 5.												
Losdy	ute Potent			371		MCFPD	n	<u> </u>				
ADDRESS See 480, Variables, Nov Maries												
AGENT	and TITLE	7. 1	, libe	es, 3	letriet l	Too of London			-/4	CF III		
WITNE		4	(Vivi	ref					/R 1	PFIL	hb \	
COM	ANT					RE	MARKS		F	EB18' L CON DIST	, 60. /	
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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 (Pw). MCF/da. @ 15.025 psia and 600 F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_w 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.
- F_t Flowing temperature correction factor.
- Fpv 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_+ .