MULTI-SCINT BUCK PRESSURE TEST FOR GAS WELLS

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Initial x Axe 1						Spe	cial		Date of TestNly 31, 195				
mpa	any	<u>As</u>	tec	011 &	Gas (company	7	Lease	Hanks		We	ell No	9
it		P	_Set	· <u>5</u>		271	Ag	e 9 W	Purc	haser_ So	uthern U	nion Cat	thering Compan
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ıbir	ng 1 "	•	_Wt.	1.7#	I.I	, <u>1.</u> ()49 _Se	t at	2478 Pe	rf. 24	56	То	2466
s F	Pay:	Fro	m_ 24	53 _T	:o_ _2 l	96	L a	453	kG 0.65	_GL_		_Bar.Pr	ess. 12
							•		Sin	gle-Brade	enhead-G.	G. or	G.O. Dual
		o.ii.b.T		····	<u> </u>	4947.29					out 10mp		
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ste	ed Th	roug.	h 💆	- nover	<u>) (Ch</u>	<u>oke)</u> .	(COOO)	£			Type Ta	ps	
					w Dat				Tubing		Casing		T
		over ine)		(Choke Orific		ress.	Diff.	Temp.	Press.	Temp.	Press.	1	Duratio of Flo
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+													
-	***************************************							ET OUT CAT	CUIT A TONI	c	•		
Τ	Coefficient Press							CULATION:		- 1 - 1			
•	(24-Hour) -			_/	/h _w p _f psia		eis	Factor Ft		Factor Fg			Q-MCFPD @ 15.025 psia
\pm	(24-nour)									F _{pv}		3093	
		-40-1	<u> </u>				-674-			0.yeue	4-4		3395
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					atio						fic Gray	rity Sen	arator Gas
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Li	quid y of	Hydi Liqu	rocar	rbon R	arbon			cf/bol.	,	Speci Speci		ity Flo	
Li	quid y of	Hydi Liqu	rocar	rbon R	arbon	S		cf/bol.	,	Speci Speci	fic Grav	ity Flo	wing Fluid
Li	quid y of	Hydi Liqu	rocar	rbon R	arbon(1-	s e-s)		cf/bbldeg.	-	Speci Speci ^P c	fic Grav	rity Flo	wing Fluid
Li	quid y of	Hydi Liqi	rocar uid H	rbon R	arbon	s e-s)		cf/bbldeg.	,	Speci Speci Fc—— P _w 2	fic Grav 628 P _c -P _w ²	rity Flo	wing Fluid
Li	quid y of	Hydi Liqi	rocar uid H	rbon R	arbon(1-	s e-s)		cf/bbldeg.	-	Speci Speci ^P c	fic Grav	rity Flo	wing Fluid
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Li	quid y of	Hydi Liqi	rocar uid H	rbon R	arbon(1-	s e-s)		cf/bbldeg.	-	Speci Speci Fc—— P _w 2	fic Grav 628 P _c -P _w ²	rity Flo	wing Fluid
Liivit	quid y of Pw Pt (r	Hydi Liqu osia	rocar uid H	rbon R lydroc	arbon(1-	s_e-s)	(F _c Q) ²	cf/bbl.deg.	-	Speci Speci Pc— P _w 2	fic Grav 628 P _c -P _w ²	rity Flo	wing Fluid
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Li vit sol MPA DRE ENT	quid y of Pw Pt (r	Hydi Liqu Dsia	cocar nid H	rbon R lydroc	arbon (1-	e-s)	(F _c Q) ²	cf/bbl.deg.	CQ) ² -e-s)	Speci Speci Pc P _w 2	P _c -P _w	rity Flo	al. Pw Pc
Li vit sol MPA DRE ENT	quid y of Pw Pt (r	Hydi Liqu Dsia	cocar nid H	rbon R lydroc	arbon (1-	e-s)	(F _c Q) ²	cf/bbl.deg.	CQ) ² -e-s)	Speci Speci Pc P _w 2	P _c -P _w	rity Flo	al. Pw Pc

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 ($P_{\rm W}$). 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
- P_t 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.
- Fg Gravity correction factor.
- $F_{\mbox{t}}$ Flowing temperature correction factor.
- F_{DV} 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 $P_{\rm t}$.

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