MARKINE-POINT BACK PRESSURE TEST FOR GAS WELLS

	Besin-Dal	iota .		rmation		<u></u>		comicy			
niti	al X	Annı	ual		Spec:	ial		_Date of '	Test_	7-13-61	
		Petroleum									
1.0		Sec. 3 4, 15	A 10		3 •	r ur c	ار ماهاد. (الأنهابي)		CAPE	6308	
sir	ng_5_1/2_V	vt. <u>25 1/2</u>	I -]]	Set	t at <u>.</u> <u>.5</u>	9 Pe	rf 📆	·	To		
	2.3/8	Vt. 4.7	n n i.o	30 Sof	⊦ n∔ Giti	ania Do	me Alle	L m.k.	To.	546 e	
10.11	ıg	VC •	1.0.		, au <u>u</u>	1 C	· · · · · · · · · · · · · · · · · · ·		10		
										ess. 12.025	
odu	cing Thru:	: Casing_		Tul	oi.ng	Sin	Type We	llnhead_(or l	G.O. Dual	
te	of Complet	cion: (mig-	F. 2	Packer	r_Bo		Reservo	ir Temp	178		
					OBSERV	ED DATA					
ste	ed Through	(Prover)	(Onoke)	(Meter)				Type Tap	ε		
		Flow I	Data			Tubing	Data	Casing D	ata		
	(Prover)	(Choke)	Press.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration of Flo	
0.	(Line) Size	(Orifice) Size	: psig	h.,	o _T	psig	°F.	psig	[⊃] F.	Hr.	
	2*		1	w			30	2013			
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Li vit		ocarbon Rati		PR	essure d. cf/bbl. deg.		Speci Speci		ty Flo	arator Ga s .6 wing Fluid	
vit	y of Liqui	id Hydrocar	bens (1-e ^{-s})		cf/bbl.deg.		Speci Speci P _C	fic Gravi	ty Flo	wing Fluid	
Livit	P _W Pt (psia)	id Hydrocar	bons	PR: (F _c Q) ²	cf/bbl.deg.	(cQ) ² -e-s)	Speci Speci P _C	fic Gravi	ty Flo	wing Fluid	
Li vit	by of Liqui	id Hydrocar	bens (1-e ^{-s})		cf/bbl.deg.	(cQ) ² -e-s)	Speci Speci P _C	fic Gravi	ty Flo	al. Pw	
Li vit	P _W Pt (psia)	id Hydrocar	bens (1-e ^{-s})		cf/bbl.deg.	(cQ) ² -e-s)	Speci Speci P _C	fic Gravi	ty Flo	al. Pw	
Livit	P _W Pt (psia)	id Hydrocar	bens (1-e ^{-s})		cf/bbl.deg.	(cQ) ² -e-s)	Speci Speci P _C	fic Gravi	ty Flo	al. Pw	
Livit	P _w Pt (psia)	p2	bons (1-e ^{-s})		cf/bbl.deg.	(cQ) ² -e-s)	Speci Speci P _C	fic Gravi	ty Flo	al. Pw	
Livit	Pw Pt (psia)	p ² t	bons_(1-e-s)_	(F _c Q) ²	cf/bbl.deg.	(cQ) ² -e-s)	Speci Speci P _C	fic Gravi	ty Flo	al. Pw	
Livit	Pw Pt (psia) 16% Lute Pocent	p ² :t	bons (1-e-s)	(F _c Q) ²	cf/bbl.deg. (F (1MCFPD;	(cQ) ² -e-s)	Speci Speci Pc_3 P _w 2	P _c -P _w	ty Flo	al. Pw	
Livit vit	Pw Pt (psia) Lute Pocent ANY ESS 100 11	tial: 10,	bons (1-e-s)	(F _c Q) ²	cf/bbl.deg. (F (1 MCFPD;	n_ J.7;	Speci Speci Pc_3 P _w 2	fic Gravi	ty Flo	al. Pw	
Livit	Pw Pt (psia) lute Pocent ANY Pubeo ESS 100 Pu T and TITLE	tial: 10,	bons (1-e-s)	(F _c Q) ²	cf/bbl.deg. (F (1 MCFPD;	n_ J.7;	Speci Speci Pc_3 P _w 2	P _c -P _w	ty Flo	al. Pw	

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 (Pw). MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- 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.
- $h_{\mbox{W}}$ 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 $P_{\mathbf{t}}$.