MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS Revised 12-1-55

	ial X										
	any Joseph										
nit	<u> </u>	ec. 29	Twp2	6-8	Rge. 37-E	Purc	haser				
asi	ng 5.5 W	t. 14	I.D.	5.012	Set at <u>31</u>	15 Pe	rf3	034	To	3044	
ubi	ng 2" W	ft. 4	.7 I.D.	1.995	Set at 2	995 Pe	rf. OPE	N END	То		
	Pay: From_					•					
									-		
roa'	ucing Thru:	Casi	ng	· ·	l'ubi.ng	X Sin	Type We gle-Brade	ell_ Singl enhead-G.	E BRAD	EN HEAD G.O. Du	al
te	of Complet	ion:	6-14-59	Pacl	cer		Reservo	oir Temp.			
					OBSERV	ED DATA					
est.	ed Through	(Paragraph	ed (neve	wan (Meter	a)			Tune Tan	\c r .		
	ou imougn							Type Tap	/sU	LANGE	
Т	(FXXXX)	F10	ow Data	ss. Difi	f. Temp.	Tubing	Data Temp.	Casing D		Dı	ratio
٠.	(Line)	(Orifi	ce)	1		DWT	1		1		of Flo
4	Size	Siz		ig h _w	°F.	psig	o _F .	psig	[⊃] F.		Hr.
	3.068 3.068	1,000	N 2.	10 CHART 0 6.3	Q1	635		635 593	85		2 HOUR 1/2
	3.068	1.000	.5 %	0 6.6	94			585	85	<u> </u>	1/2
_	3.068 3.068	1.500		0 8.7	96 96			567 551	85		1/2
\pm			4	7.74				3.31	65		1/2
	METER (2000)	K-100#1	M A · A	791	FT.OW CAT	CHILATIONS	3				
	Coefficient P (24-Hour) / hwpf 6.182 (4.4721) 12.6		H Z 707	Pressure	Flow	Temp.	Gravity	Factor		Rate of Flow Q-MCFPD @ 15.025 psia	
•			/h.na	nsia	Fac	tor	Factor F				
十			pozs	.9715 V		1.000		00	338.4		
\mathbf{I}	6.182 (4.4	21) 1	3.2		.9688		1,000			353	.5
╁	6.182 (A.4) 14.36 (4.4)		7.4 9.36		.9671 .9671		1.000			465 581	
I											<u> </u>
vit	iquid Hydroc Ly of Liquic Pw MEASURES	d Hydrod	carbons	HONE HONE	cf/bbl.		Speci Speci	fic Gravi fic Gravi 548.2	ty Flo	wing Flu	
•	P _w	Pt ²	F _c Q	(F _c Q)	2 (F	cQ) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$	С	al. P _w	P _W P _C
T	606.2 568.2						367.5	52.7			
	580.2						357.8 336.6	62.4 83.6			
	564.2						318.3	101.9	+		
			2,200		MCFPD;	n	.966			_ _	
	ute Porent	ial:			,	**					
sol MPA	Lute Potent	L O'N	EILL. J	t							
sol MPA	NY JOSEPH ESS 410 W.	L. O'N	EILL, JI MIBLAND	TEXAS	٠ ٨ لله ٠ ٨ ١	7					
sol MPA DRE ENT	NY JOSEPH ESS 410 W. T and TITLE	OMIO.	EILL, JI MIBLAND, NACE ISEOÈ	Trus	jendre						

AT ABOVE INDICATED RATES TO LIMIT IT TO AS SMALL AMOUNT AS POSSIBLE.

16 a with the the helad to the Toyal the 4th the sent the words

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
- 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.
- FgI Gravity correction factor.
- Ft_ Flowing temperature correction factor.
- Fny Supercompressability factor.
- n _ 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 $P_{\rm t}$.

