				MULTI	-POINT	BACK PRE	SSURE TES	T FOR GA	S WELLS	151	Revised	L2 - 1 - 5
Pool	1	Eumont	<u> </u>	F	ormatio	n	Queen		County_	Le	<u>. </u>	
Ini	nîtial		Ann	AnnualX		Special		Date o		Test_ <u>5-4/5-59</u>		
Com	pany Anders c	m-Pric	hard (011 Cor	poratio	Lease	Britt "	B"	We	Ll No.	1	
Unit	t <u>n</u>	Sec	5 Ty	wp20	8 R	ge. <u>37</u>]	E Purc	haser <u>Pe</u>	rmien Bes:	la Pipe	Line Com	OSDY
Casi	ing 9-5/8 "											
Come.	Amount P				336" Set at 3700' Perf							
	Pay: From											
												·
Date	ducing Thru e of Comple	tion:_	4-27	7-57	Packe	r	Sin	gle-Brade Reserve	enhead-G.	G. or	G.O. Dual	
	1.81											
	ed Through	_		•					Type Tar	ıs	Pine	
			Flow D			-	Tubing		Casing D		Pipe -	
No.	(Prover) (Line)	(Ch			Diff.	Temp.					Dura	
	Size		ize	psig	h _w	°F.	psig	°F.	psig	o _F .	of Hr	Flow
SI l.	2.00 x 4	 	···	407.0	8.2	82			931.9		71.50	
2.	2.00 x 4			402.4		79		 _	766.8 705.0		3.00	
	2.00 x 4			410.2	28.0	62			631.1	 	3.00	
40	2.00 x 4	ļ		415.4	41.3	62			568.6		3.00	
<u> </u>	2.00 x 4	<u> </u>		412.2	46.1	60			594.3		24.00	
						FLOW CAL	CULATIONS	3				
	Coeffici	ient		Pr	essure	Flow	Temp.	Gravity	Compre	ss.	Rate of F	low
vo.	MCF				1	Fac		Factor	Facto		Q-MCFPD	
	(24-Hou	ır)	$\sqrt{h_{w}}$	p _f	psia	\mathbf{F}_{1}	t	${ t F}_{f g}$	Fpv	N2-	@ 15.025	psia
	29.92		58.7	0 42	0.2	0.9795		0.9225		8 1.014	1631	74:
2.	29.92		82.5		5.6	0.9795		0.9225	1.027 1.046		2200	
3	29.92		108.9		3.4	0.9981		0.9225		2 1.252	3096	
2. 3.	29.92		133.0		8.6	0.9981		0.9225		1.032 1.652		1 1 2
<u>) </u>	29.92		140.0	_ 11 5	5.4	1.0000		0.9225	1.03	2.4	3781 3988	1/2 62
ravit	iquid Hydro ty of Liqui No Frict	d Hydr.	ocarbo	ons no		cf/bbl. deg.	ALCU ATIC	Speci Speci ^P c	fic Gravit	y_Flow		0.705. None
	$P_{\mathbf{w}}$.				145,1		A 22 A 62	
10.	Pt (psia)	$P_{\mathbf{t}}^{2}$	Fo	.Q	$(F_cQ)^2$	(F ₀	Q) ² -e ^{-s})	P _w 2	$P_c^2 - P_w^2$		Pw Pc	
2. 7	780.0	608.4						608 k	260.0	198	8369	82
_	18.0 7/2	515.8						515.8		77.4	7785	126
	81.8	417.7						17.7	450-7 V	12.1	6935	161
	07.5	_338.5 _369.1						338.5	_ 529:9	1.9.7	6243	
						1/0555		369.1	499.3	1211	6529	16 1/2
OMPA	ute Potent	и -д	679	10 A		MCFPD;	n_1.00	Limited	<i>-[</i> .	C Sc	ia - l.	
TUDUE	100 Rox 196	. Mai	and. T	oves					<u> </u>	C 30	ange.	
GENT	and TITLE	Teste	d by	ermian	Ragin E	ine Line	Comes		· · · · · · · · · · · · · · · · · · ·		<u> </u>	
T' T IAT	TODEDROD	e										
OMPA	NY											
D	eviation for	actor o	calcul	ated fr	om Inte	rstate 0	TES Compa	et Commit	tee metho	d of d	etermining	
	uper compe	r 881b1.	lity a	s sutho	rized b	v Mr. R.	A. Ifte 1	for the M	iou Marian	A11 A	~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	_
	ommission. he highest	resu.	lting	sacre 1	n exces	s of 1.0	O: therei	'ore e el	one of 1	00 was	drawn thr	ough

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 ($P_{\rm W}$). 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
- 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.
- For Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ 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 $P_{\mathbf{t}}$.