	· ·			•				. *		
م رم	·		NE	'. W MEXICO (OIL CONS	ERVATION	COMMISSI	ON	ELVIS A.	OTZ
					нс	BBS OFF	ICE OCC		GAS ENG	INEER Form C-12
			MULT	I-POINT B	ACK PRES	SURE TES	T FOR GAS			Revised 12-1-5
Pool	Bunoat			Formation	1955 (Quee t	DCT 8	PM 2:2	2 _County	Les	
	ial X									
	any The T e									
										pe Line Co.
asi	ng 51 W	t. 14.0	I.D.5	.012 Set	t at _	170 Pe	rf. <u>Oper</u>	Hele	ľo	
lubi	ing 2 3/1 W	t. <u>. 70</u>	I.D		t at 🗾		rf	69	ľo3	572
										ess. 13.2
	lucing Thru:									
)ate	e of Complet	ion: 2-1	5-54	Packe	r <u>Nen</u>	Sin	gle-Brade Reservo	nhead-G. (oir Temp	G. or (G.O. Dual
			_			TED DATA				
	= 1.08%) (Meter)				Type Tap:	s P1	
		Flow				Tubing	Data	Casing Da		1
0.	(Prever) (Line)	(Cheke) (Orifice)		s. Diff.	· ·		Temp.			of Flow
_	Size	Size		g h _w	°F.			psig		the second s
5I 	b	2.00	439	5 8.8	78	1002.2		1002.2		73 1/4
-• 2. 3.	İ	2.00		A 16.4		16.0 724.6	<u> </u>	853.8 799.8		21 23 1/2
+• 5•		2.00	442	. .	<u> </u>	628.4		745.9		23
					FLOW CAI		IS			
Coefficie No.		ent		Pressure	Pressure Flow Fac		Gravity Factor	Compre: Facto:		Rate of Flow Q-MCFPD
	(24-Hou	· · · · · · · · · · · · · · · · · · ·	w ^p f	psia		⁷ t	Fg_	Fpv		@ 15.025 psia
2. 3.	29.92		3.12	152.7 157.0	.98		.9359	1.0	0	2,433
3.	29.92		6.0	459.1		5.8	.9159	1.0		2,914
+• 5•										
				PR	ESSURE (CALCULATI	ONS			
	Liquid Hydro Ity of Liqui				cf/bbl deg		Speci	fic Gravi	ty Flo	arator Gas .68 wing Fluid
			(1-e ^{-s}	<u>}</u>		_	P _c	015.4	.P ²	031.0
r			<u> </u>					<u></u>		
No.	Pw psia	P_t^2	F _c Q	$(F_cQ)^2$	ļ ($F_{c}Q)^{2}$ 1-e ^{-s})	P _w 2	$P_c^2 - P_w^2$	С	al. P _w P _w Pc
	Pt_(psia)				(.	<u> </u>	176.1	154.2		^r w ¹ C
2 . 3.	<u>67.8</u>						751.7	279.3		
+• 5•	759.1						\$76.2	454.8		.75
4bs	olute Porent	.ial:	5.600		MCFPD	; n	64			
ADDI	PANY RESS	The Ti	79.		Texas			1-		
	NT and TITLE NESSED	L.I.	Batter	. Mater	Let Ga		Lia	Bal	ken	
	PANY	Permi	in Is	in Pipe		MADYS				

REMARK:

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_w). MCF/da. @ 15.025 psia and 60° 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
- P_f Meter pressure, psia.

 h_w Differential meter pressure, inches water.

 F_g : Gravity correction factor.

· _{t •	X	•	* ,	*	•
Ft Flowing tempe	rature correction fac	ctor. ·	*	*	*
ć +	• • • • •	*	x ,	\$	
Fpv Supercompres	sability factor.	٠	x		*

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_+ .