NEW MEXICO OIL CONSERVATION COMMISSION

HOSES OFFICE OCC

Form C-122

				M	ULTI-PO	INT 1	BACK PRI	ESSURE TI	EST FOR	GAS WELLS	_	Revised	12-1-5	
Po	ool	ment			Form	ation	1 9			19 M 7 County		•		
7.11	Trial .	-		Annual_			Spe	cial		Date o	f Tost	0 0 44		
00	whenth	-		berner			Lease_	Widteln		W	ell Mo	_		
011		se	C. <u>U.</u>	nwb	#J9	Rg	e. 37 1	Pur	chaser	Parent an D				
Ca	sing 7	Wt	. 23/	I.D.	6.366*	Se	t at 💃	22' P	erf.	3572,	The de	000 000		
Tul	oing 2-3/	8 Wt	<u>4.7#</u>	I.D.	1.995	 Se	t at 37	761 p	orf		¹0	2051		
Gas	s Pay: F	rom_3	715° T	。 3 3	65° I.	19	25	VC 0 665		2138	To			
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2. 3.	<u> </u>		2.75	1578	a) 12,		9			862.7		23-3		
<u>4.</u> 5.	4		2.75	107	,5 X	5	4			761.0		74s		
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	Coeff	icient			Process	FI	OW CAL	CULATIONS						
No.	No.				Pressure		Flow T Fact		Gravity Factor	Compre Facto		Rate of Flow Q-MCFPD		
1.	(24-Hour)								F _g	Fpv	Fpv		@ 15.025 psia	
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4.	73-11 73-11			127.15		71.7 12.7			9.95月 1.8			7355	7307	
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ravit	y of Lic	quid Hy	/drocar	bons			f/bbl. deg.		Speci	fic Gravit	y Separ	ator Gas_		
c	40140			(1-e ^{-s}	0.3	37			Pc-	fic Gravit	P ²	ng Fluid_		
- ,	D				Ţ									
No.	$P_{\mathbf{W}}$		$P_{\mathbf{t}}^2$	F _c Q	(F _c Q)2	ر ت ر	1)2	р о	-2 -2				
1.	Pt (psia) 85		3.238	10.1		(1-6	2) ² 2-s)	P _w 2	$P_c^2 - P_w^2$	Cal.	P _W P _C		
1. 2. 3. 4.	875.7	761	02	ham	16.3	-	1.13		156.1 169.5	123.6	925.3	•93		
4.	774.8	700		5.h07 6.737	17.1		4,00		10-1	210,1	877.2	.05		
5.				-7/37	PEOT		6,57		05.0	373.9	778.5	-17		
Absol	ute Pote	ntial:	19,	NGC .		М	CFPD; n		78					
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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.
- Pc 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.
- Fg = Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{pv}- 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 $P_{\rm t}$.