NEW MEXICO HOBBOSER FACEON COMMISSION

				NEW	MEXICO	HOBBB IS	BRFACEON	COMMISSI	ON	AS ENGINE	, K
	MARLO	FFIOT	000		404				EL	AS ENGS	Form C-12
	14.3.14 0	ni i Enclus	050	мп.тт-	POINT B	SOCT 1 ACK PRES	O PM 3	:05 T FOR GAS			Revised 12-1-5
Pool	iece cap Bunont	u Ali	010	11					_County	-	
											5-20 to 5-24-56
	any El P										
											Gas Company
							_				
	ng 2 W										• • •
											ess. 13.2
Prod	ucing Thru:	Cas	sing	·	Tu	bing		Type We gle-Brade	nhead-G.	G. or (G.O. Dual
Date	of Complet	ion:	5-	18-55	Packe	r_ lion)	Reservo	ir Temp.		
						OBSERV	ED DATA				
Test	ed Through	(1200		i in the second s	(Meter)				Type Tap	s T	lange
			'low Da				Tubing	Data	Casing I		
		(.			Diff.	Temp.			Press.	Temp.	Duration
No.	(Line) Size			psig	h _w	o _F	psig	°F.	psig	°F.	of Flow Hr.
SI				P010	W		925		925	+	72
1.	4.	1.5		568	3.92	66	897		913		
2.	4 "	1.9		559	7 644	63	869		903 892	_	24
2. 3. 4. 5.		1.9		547	9.54	6	759		138	1	<u> </u>
5.								L			
					_	and the second	CULATION				
No.	Coeffici	ent	2	Pr	essure		Temp.	Gravity Factor	Compre Facto		Rate of Flow Q-MCFPD
	(24-Hou	r)	√ h _w p _f				^F t ^F g		Fpv		@ 15.025 psia
1.	13.99	13.99		a	.9%		24	.9463		062	1,112
1.	13.99	13.99		9			4	.9463		064	2,003
3。 4. 5.	13.99		181.9			•9 •9		.9463	1.	064	2,354
5.											
					PR	ESSURE C	ALCUATI	ONS			
an T	iquid Hydro	an rhar	. Rati	•		cf/bbl.		Sneci	fic Gravi	it.v Sen:	arator Gas
	ty of Liqui					deg.		Speci	fic Gravi	ity Flow	wing Fluid
c	Measured		(1-e ^{-s}			-	^Р с	938.2	P ²	880,2
	Pw				(?		2		$P_c^2 - P_w^2$		
No.	Barr (psia)	Pt		cQ	(F _c Q) ²	() ()	$\left[\frac{c^{Q}}{c^{-s}} \right]^{2}$	P _w 2	rc-rw		al. $\frac{P_{W}}{P_{C}}$
1.+	996.2					`		857.8	22.4		
$\frac{1}{2}$	916.2							839.4	40.8		.9643
3.	905.2							819.4 799.6	<u>60.8</u> 80.6	_	.9224
4. 5.	· · · · · · · · · · · · · · · · · · ·										
	lute Porent	ial:	1	5,800		MCFPD;	n	.676	<u> </u>		
COMP ADDR		<u>F1</u> P.	Paso J		Cas Co	SY Horis	0			1	
AGEN	T and TITLE		1. 2. 1	tright	- Jetro	Loun Ing	inter	P.J. 1	Unia	ht-	
	ESSED		iarl G.		-	Company					<u> </u>
COMP	ANY		N. 248				ARKS	=	*		

Unable to get 30% draw down - maximum capacity of meter run.

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 \equiv 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 méter pressure, inches water.
- F_g : Gravity correction factor.
- F_t : Flowing temperature correction factor.

F_{pv}- Supercompressability factor.

n _ 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_t .