NEW	MEXICO	0IL	CONSERVATION	COMMISSION		
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						1010	ing the	S.s.			
			аны — — — — — — — — — — — — — — — — — — —	NEW MEXICO) OIL CON	SERVATIO	ON COMMISS	STON			
		2 .					the second second			Form C-12 evised 12-1-5	
			MUI	LTI-POINT	BACK PRE	SSURE TI	EST FOR GA	S WELLS	05 R	evised 12-1-5	
Poo	1 Jalı	mat									
										5 to 4-19-5	
										1	
Uni	t <u>1</u>	Sec	2 Twp	24 _R	ge. <u>37</u>	Pur	chaser	El Paso I	Natural C	Jas	
Cas:	ing 7"	Wt. 24	4.0 I.D.	S	et at <u>3</u>	627 F	erf		_To	*	
Tub:	ing_2"	Wt.	4.7 I.D.	S	et at <u>3</u>	531 F	erf	3528	_To	3531	
Gas	Pay: From	3430	_To3	510 L	3531	cG_0.6	60	2330	Bar.Pres	s. 13.2	
Proc	ducing Thru	: Cas	sing	Tı	ubing	X	Type W	ell 💼	ingle		
Date	e of Comple	tion:	6-24-19	39 Packe	er	Si	ngle-Brad Reserv	enhead-G. oir Temp.	G. or G.	0. Dual	
						ED DATA			<u> </u>		
Test	ed Through	(Prov	er) (Choke	e) (Meter)		20 0		Time Tar	os		
			low Data		-	Tubin	g Data			······································	
No.	(Proven) (Line)	(Che	Pres	SS. Diff	Temp.	Press	Temp.	Casing I Press.	Temp.	Duration	
	Size	Si	ice) ze psi	ig h _w	° _F .	psig	° _F .	psig	⊃ _₽	of Flow Hr.	
SI L. 2. 3.		L				705		P6	+	72	
2.	4	2.0			94 92	650			1	24	
3.	4	2.0			93	<u>631</u> 612	+		┿┈╍╌┝╸	24	
4. 5.		2.0	00 59	0 1 2.96	89	-593			++-	24	
					FLOW CAL		1	I	II		
Io.	Coeffici			Pressure	Flow	the second s	Gravity	Compre	ss. Ra	te of Flow	
	Flange (24-Hou	r) -	V ^h w ^p f	psia	Fact		Factor	Facto	r Q	Q-MCFPD	
	25.58		54.03	psia	F.		Fg	Fpv		@ 15.025 psia	
2.	25.58		65.88				.9535	1.05		1349	
<u> </u>	25.58 7		76.75		. 9706		. 9535	1.05		1646	
• • •	25.58		88.40		. 9732		.9535	1.05		2213	
				PRI	ESSURE CA	LCULATT	ONS		L	;	
s Lj	quid Hydrod	carbon	Ratio		cf/bbl.	_		fic Crowid	tur Somewood	tor Gas660	
avit	y of Liquic 9.936	i Hydro	carbons (1-e-s		deg.		Speci	fic Gravit	ty Flowing	z Fluid	
			(1-6 -	0.148			^P c	718.2	_P ² 51	5.8	
T	Park I	2							1	II	
0.	Pt (psia)	P_t^2	₽ _с Q	$(F_cQ)^2$		$\left Q \right ^2$ e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Cal.	Pw Pc	
:	663.2 644.2	439.8	13.40	179.56	26.	37 -	466.4	49.4	P _w 684	P _c 95.2	
•	625.2	390.9	16.35	267.32 361.38			454.6	61.2	674	93.8	
•	606.2	367.5	21.99	483.56	71.		439.1	71.4 76.7	666 663	<u>92.8</u> 92.3	
bsol	ute Porenti		13,00	0	MCFPD;	L n	. 957				
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	and TITLE	{	SALV TI	odman			Engineer				
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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_w). MCF/da. @ 15.025 psia and 60° F.
- PcI 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
- P_f Meter pressure, psia.
- hw Differential meter pressure, inches water.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{py}_ Supercompressability factor.
- 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_t .