NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE OCC

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For	rm	C-	122
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Poo	ol <u>Eu</u>	ront_			TI-POINT 1 1958 SEP Formation					Lee_	revised 12=1-)
				Special							
											2
											inolino Comp
	sing 7"										
	oing <u>-1/2"</u>										
				-							ess. <u> 1২,</u> ০
Pro	ducing Thru	: Ca	sing_		Tı	ubing	X Si	Type We	ell <u>Sing</u> enhead-G.	<u>le Jo</u> G. or (<u>pletfor</u> G.O. Dual
Dat	e of Comple	tion:_	4-70	- 27	Packe	er		Reservo	oir Temp		
	do, a.54%	1.	<u>,</u> 1.3	93		OBSERV	ED DATA				
	ted Through								Type Tap	s <u> </u>	<u>pe</u>
			Flow D					Data	Casing D	ata	
No.	(Prover) (Line)		oke) fice)	Pres	ss. Diff.	•	Press	Temp.	-	i	Duration of Flow
F	Size	S	ize	psi	g h _w	°F.	psig		psig	[⊃] F•	Hr.
SI 1.	<u>).</u> 11	+	ੂਵਨਜ਼	162	6.0	3.12	984.8	3	 		72-1/1 Ur. 24 Hrs.
2.	15.11].	50H	467	3 14.3		30.5	<u> </u>	 	<u> </u>	Ers.
<u>3. </u>	<u> </u>		. ភ្លាម	475	<u>.6 95.9</u>	70	L_756.7	7			24 Hrs.
<u>4.</u> 5.):11	+	<u>.50"</u>	1.51	<u>.1 1-2.0</u>	64:	670.3	3			24 Irs
		<u> </u>		 		<u> </u>	!	1	<u> </u>	L	1
						FLOW CAL					
No.		Coefficient		Pressure		1	*	•	, -	I .	Rate of Flow
No.	(24-Ho:	ır)	$\sqrt{h_W}$	<u> </u>	psia	rac F	tor	Factor	Facto	r	Q-MCFPD @ 15.025 psia
1.			<u> </u>	37	poia	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1	Fg	Fpv		708F
2.	15.26 15.26			<u> </u>		0.0700	 +-	0.0kg	1.0		1222 1222
$\frac{\tilde{3}_{c}}{3_{c}}$	15.06	5	77-	5		7.000	{	0.000	1.0		
3. 4. 5.	15.26 15.27	5	11:1			0.9962	2	0.0498	1.0		2120
						RESSURE C					
	Liquid Hydro ity of Liqui				Dry Cas	cf/bbl.deg.					arator Gas ving Fluid
c				1-e ⁻⁸) 0.1½			Pc	702 . 4	Pc	0,75° 0
No.	$P_{\mathbf{w}}$	P	2 7		(E 0)2	(7)	0)2		$P_c^2 - P_w^2$, ,
	Pt (psia)	<u> </u>		_e Q 	$(F_cQ)^2$	(+	cQ) ² -e ^{-s})	P _w 2		F	Pw Pc
1. 2. 3. 4.	0): 2 G	<u>06.</u>		<u>.622</u>	21.30 51.30	3.1		გინ.6 71 0.4	175.32	800.	<u> </u>
3.	8 <u>1-3-7</u> 750-0	711. 592.	$\frac{2}{3} + \frac{7}{5}$	_160 _884			(년 조	6°7.2	255.50 377.70	770	2 70
4.1	483.5	1.67		$\lambda_{\rm LC}$	156.0	23.00		490.3	404.6	700	<u>.2 .79</u> .2 .71
5.				,-							
	olute Potent	B. 110	n yuq	50 ો, ટ	12	MCFPD;		0.90			
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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.
- 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
- Pr Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{pv} Supercompressability factor.
- n I 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 $P_{\mathbf{t}}$.