NEW MEXICO OIL CONSERVATION COMMISSION ON COMMISSION OF CO

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			MUETI	+POINT1	BACKIPRE	SSUPE T	EST FOR GA	AS WELLS	PH 3 :	00 Form C- Revised 12-1
Pool _Jalmet	ı <u>5</u>		F	'ormation	Tai	tes		County_	Ica	4 <i>(</i>
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										3050
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re of combi	etion;	0-20	-20	Packe	r353	32	Reserv	oir Temp.		J.O. Dual
						VED DATA				
ested Throug				(Meter)				Type Ta	ps	
(Prover) (3)	Flow D		Diff.	Temp.		g Data . Temp.	Casing Press.		Duratio
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			hare	h _w	Γ•	psig	- r.	psig 938	F.	Hr.
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Coefficient		FLOW CAI		CULATIONS Cemp. Gravity		Compress. Rate		Rate of Flow		
. (24-Hour) $\sqrt{}$		√ h _w	— √p _f psia		$ \begin{array}{c} {\tt Factor} \\ {\tt F_t} \end{array}$		Factor F _g	Factor Fpv	1	
1.4030			173.2		0.9645		0.960a	1.01		227
3.0691	5.523			82.2	0.9636	5	0.9608			233
1.4030 3.0691 5.523				46.2	0.9653	3	0.9608			236
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				PRI	ESSURE C	ALCUIAT:	IONS			
Liquid Hydr vity of Liqu	rocarbo uid Hvd	n Ratio	o <u> </u>		cf/bbl. deg.		Speci	ific Gravi	ty Sepa	rator Gas
		(L-e ^{-s})		uog•		Pc	951.2	-PC-90	ing Fluid
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Pt (psia)					(1	-e ^{-s})			P,	P _w P _c
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	-						2.2	902.6		
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solute Poten	tial:_	240			MCFPD;	n_1.00	0			
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REMARKS

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
- PwT 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.
- $h_{\mathbf{w}}^{-}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t 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 $P_{\mathbf{t}}$.