3-CCC, 1-EPMG-Parrish 1-Tidewater Burange, 2-Tidewater Midland 1-MW Prod. 1-Lien, 1-Texas Mat'l. 1-Moncrief, 1-D, 1-F

## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

Poc	ol	Bas	in	Dako	ta					ST FOR GA	County_	San J	revised in		
													8/8/61		
													1		
													Gas Company		
Cas	sing_4		Wt	t <u>10</u>	).50# <u>1</u>	.D4	•040 Se	t at_65	15 Pe	erf6	362	To 63	64		
Tub	ing H		Wt	·	2.7# I	.D. <u>1</u>	<b>.610</b> Se	t at 63	<b>61</b> Pe	erf		To 63	61		
Gas	Pay:	Fro	om_	6362	_To_	6384	L_ <b>63</b> (	<u>51</u> ,	cG67		61.8	Bar.Pr	ess		
Pro	ducing	Thr	u:	Ca	sing_		Tu	bing	X	Type We	ell <b>Sing</b>	le-Gas	G.O. Dual		
Dat	e of Co	ompl	.eti	on:	7/28/	/61	Packe	r	Sir	ngle-Brade Reserve	enhead-G. oir Temp.	G. or	G.O. Dual		
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res	Thi	roug	n				Mecer)				Type Tap	os			
	(Prover)			Flow D		ata Press	• Diff	Temp.		Data Temp.	Casing I		Duration		
No.	(Li	ine) ize		(Ori:	fice) ize		h <sub>w</sub>	o <sub>F</sub> .	psig		1	oF.	of Flow Hr.		
SI		5120			DIZE ps.		11W	· · ·	2016		psig <b>2016</b>	F.	7-Day		
l. 2.				3/4"		181	1	70	181	70	942	<b></b>	3-Hr.		
3.			_			<u> </u>									
4. 5.			$\dashv$			<u> </u>									
					<del></del>	<del></del>		T OU OUT	OUT AUTON	1	<del> </del>	<del></del>	<u> </u>		
$\Box$	Сое	Coefficient (24-Hour) $\sqrt{h_w}$									1 - 1		Rate of Flow		
No.	(2				$\sqrt{h_{\mathbf{w}}}$	 Pr	psia	Fac F	tor	Factor Fg	Factor F <sub>pv</sub>		Q-MCFPD @ 15.025 psia		
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	<del></del> _														
l. 2. 3.															
									alcut <b>at</b> i						
	s Liquid Hydrocarbon Ratiocf/bbl. Specific Gravity of Liquid Hydrocarbonsdeg. Specific Gravity												y Separator Gas y Flowing Fluid		
					(]	l-e <sup>-s</sup> ∑			i	Pc	2028	Pc4	112.7		
						· · · · · · · · · · · · · · · · · · ·	·	<del></del>		Pw	954 1	W2 9	910.1		
io.	P <b>₩</b>			Pt	F	Q	$(F_cQ)^2$	(F	$c_{\alpha}^{Q}$	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Ca	l. Pu		
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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 I Actual rate of flow at end of flow period at W. H. working pressure ( $P_W$ ). MCF/da. @ 15.025 psia and 600 F.
- $P_c$ = 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
- P<sub>f</sub> Meter pressure, psia.
- $h_{\mathbf{W}}^{\perp}$  Differential meter pressure, inches water.
- $F_g$ : 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  $P_{\mathbf{t}}$ .