				MULT	I-POINT H	BACK PRE	SSURE TES	ST FOR GA	s wells		Revised 12-1-5	
Poc	l Tapacit	<b>.</b> 0			Formation	Pietur	red Cliff	's	County_	Rio Ara	riba	
Ini	tialX		Annu	al		Spec	cial		Date of	Test_	9-2-64	
Con	pany <b>Secony</b>	Mobil	011 C	o., D	ac.	Lease •	Picarilla	C	— We∶	Ll No.	4	
	t <b>6</b> S											
	ing 44 N											
	ing 2-3/8 W			4								
		1										
	Pay: From										ess12.0	
	ducing Thru:						Sin	gle-Brade	enhead-G.	G. or (	G.O. Dual	
Dat	e of Complet	ion:_	8-24-4	54	Packe	r <b>16</b>		Reserve	oir Temp.			
						OBSERV	ED DATA					
Tes	ted Through	(Pro	ver) (	Choke	) (Meter)	1			Type Tar	)S		
	Flow Data							ng Data Casing Data				
No.	(Prover) (Line)		oke) fice)	Pres	Diff.	1	1	Temp.		1	Duration of Flow	
	Size	S	ize		g h <sub>w</sub>	°F.	<del></del>	°F.	<del> </del>	°F∙	Hr.	
SI 1. 2.	2"	0.750		302			959 302	50	959 708		3 Brs.	
2. 3.			<del></del>									
4. 5.											7 days	
<u></u> !		<u>.                                    </u>			<u></u>		<u> </u>	L	<u> </u>	<u> </u>	<u> </u>	
	Coeffici	ent		I	ressure	Flow	CULATION Temp.	S Gravity	Compre	ss.	Rate of Flow	
No.	(24-Hou	r) $\sqrt{h_{w}r}$		—   De	psia	Factor F <sub>t</sub>		Factor Fg	Factor F <sub>pv</sub>	r	Q-MCFPD @ 15.025 psia	
1.	12.3650		V W.	314		1.0098		.9436			3.870	
1. 2. 3. 4.			<u> </u>									
4. 5.												
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'- T		1	D		110						_	
rav	Liquid Hydro ity of Liqui	d Hyd:	rocarbo	ns		cf/bbl. deg.				ty Flow	rator Gas ving Fluid	
'c			(]	-e <sup>-s</sup> ∑				Pc—	971	_Pc	942.8	
	$P_{\mathbf{w}}$		<del></del>			·	<del></del>		ſ <del></del>		<del></del>	
No.	Pt (psia)	P	E Fo	Q	$(F_cQ)^2$	(F	cQ) <sup>2</sup> -e-s)	$P_w^2$	$P_c^2 - P_w^2$	Ca	P <sub>W</sub>	
1. 2.	720					(1		518.4	424.4	<u> </u>	P <sub>C</sub>	
∠• 3• ¦												
3. 4. 5.										<del> </del>		
	olute Potent	ial:	7,62	 6	<del></del>	MCFPD;	n	.85				
COME	PANY Socony RESS P.O. E	Mobil	IOLI	co., D							<del></del>	
	JT and TITLE		27							<del></del>		

COMPANY

cc: MW Kibre (1)

Well File (1)

El Paso Hat.Gas (3)

Mobil, Fun. (1)

HECCC (4)

WITNESSED

REMARKS Well Shut-in 7 days price.

SEP 1 0 1964

OIL. CON. COM.
DIST. 3

## 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.
- P<sub>c</sub>= 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.
- Fpv 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  $P_{\pm}$ .