				MULTI	-POINT	BACK PRE	ssure te	ST FOR GA	s wells		Form C- Revised 12-1-	
<sup>2</sup> 00	Basin De	kota										
					Special							
om	pany Mobe	011 G	onpasy		_	Lease	Nickels	(KD)	 We	- 11 No.	1	
	<b>K</b>											
											660', 6644'	
ub:	ing 1-1/2" V	/t. 2	.75 <sub>]</sub>	.D. 1-1	/2 <sub>Se</sub>	et at 66	33' Pe	erf.	•		••	
	Pay: From											
rod	lucing Thru:	Ca	sing			ihi ng	X	Two W	-11 Gas/G			
at.e	e of Complet	ione	5-25	-61	Pools	Yes	Sir	Iype w	enhead-G.	G. or	G.O. Dual	
	or compress			<del></del>	racke			neserv	olr Temp.			
							ED DATA					
est	ed Through	(Pro	ver) (	<u>Choke)</u>	(Meter)	<u>)</u>			Type Ta	ps		
	Flow Data (Prover) (Choke) Press.				Tubing Data			Data	Casing 1			
	(Prover) (Line)		oke) fice)		Diff.	Temp.	Press.		Press.	Temp.	Duration of Flow	
	Size	1 '	ize	psig	h <sub>w</sub>	°F.	psig	°F.	psig	o <sub>F</sub> .	Hr.	
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T	Coeffici	ent		Pre	essure	FLOW CAL		Gravity	Compre	ess.	Rate of Flow	
•	(24-Hou	~)	_ / h .	_   .		Fac	1	Factor	Facto		Q-MCFPD	
- 1	14,1605		T A 42 T				t	F <sub>g</sub>	F <sub>pv</sub>		@ 15.025 psia	
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	Pv = 453									
No. Pt (psia)	Pt <sup>2</sup>	$F_{\mathbf{c}}^{\mathbf{Q}}$	$(F_cQ)^2$	$(F_cQ)^2$ $(1-e^{-S})$	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Cal.	Pw Po		
2.	14.16	26.40	696.96	190.97	205.2	2243.8	453 P <sub>w</sub>	.2917		
3.										
5.										
bsolute Potential: 1,713 OMPANY ABOUT OIL COMPANY			}	MCFPD; n	.75					

AGENT and TITLE A. Y. Sindel, Vice-Fresident WITNESSED Adobe Oil Company COMPANY\_ REMARKS

JUL1 0 1961 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  $\equiv$  Actual rate of flow at end of flow period at W. H. working pressure (P<sub>W</sub>). MCF/da. @ 15.025 psia and 60° 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
- $P_t$  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.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n \_ Slope of back pressure curve.

Note: If  $P_{\rm W}$  cannot be taken because of manner of completion or condition of well, then  $P_{\rm W}$  must be calculated by adding the pressure drop due to friction within the flow string to  $P_{\rm t}$ .