			MUL	TI-POINT E	BACK PRES	SSURE TE	ST FOR GAS	S WELLS		Revised 12-1-55
Pool	Chdosignat	ed laket	a	_Formation	1 <u></u>	Dekote		_County_	ian Je	1.62
Init	ial <u>X</u>	A	nnual_		Spec	cial	·	_Date of	Test	5-27-50
Comp	any elhi-	Taylor C	il Corp.		Lease	Tolhi-	#cCulley	We]	Ll No	2
Unit		Sec. 24	Twp .25-	Rg	e. 🤼	Pur	chaser			
Casi	ng <u>1-1/2</u> W	t30#	I.D	Se	t at 598	5 pe	erf	750	То	E 947
Tubi	ng 3-3/8 W	t. 4.71	I.D1	Se	t at 🍱	97 Pe	erf. Two	odet	То	
Gas	Pay: From_	6730 T	o 047	L_	x	(O. (E)		·	_Bar.Pr	ess. 14
Prod	ucing Thru:	Casin	g	Tu	bing) Sir	Type We	enhead-G.	G. or (G.O. Dual
D4.00	or complet	1011.		racke		ED DATA	neser ve	orr remp.		
Test	ed Through	(Ptbter) (Choke	e) (Melet)		ED DATA		Type Tap)£	
			w Data				g Data	Casing D		
No.	(Line)	(Orific	e)	ss. Diff.	_	l	Temp.	Press.		Duration of Flow
SI	Size	Size	psi	ig h _w	° _F .	psig	°F.	psig	1	Hr.
1.		3/4"	23		785	***	1	120		3 Jours
2 . 3										
4.									<u> </u>	
5.1					<u> </u>		<u> </u>			
	0 00: :				FLOW CAL	CULATION	NS			
No.	Coeffici	ent		Pressure		tor	Factor	Facto	r r	Rate of Flow Q-MCFPD
	(24-Hou	r) _{\[\}	h _w p _f	psia	F	t	$\mathbf{F}_{\mathbf{g}}$	Fpy		@ 15.025 psia
1. 2. 3.	12.395			4.4	• 3	*31	•0535	1.00	79	1134
3.										
1. 5.										
5.										
				PR.	ESSURE C	ALCUI AT I	ONS			
_										
	iquid Hydro ty of Liquid				cf/bbl. deg.					erator Gas
ravity of Liquid Hydrocarbons deg. Specific Gravity Flowing Fluid										
V						•	Ç 		_	
	$P_{\mathbf{W}}$	2		, ,,		.2		2 2	T	
No.	Pt (psia)	$P_{\mathbf{t}}^2$	$^{ ext{F}_{f c}}$ Q	$(F_cQ)^2$	(F	_{cQ)} ² -e-s)	P_{w}^{2}	$P_c^2 - P_w^2$		Pw Pc
1.	· C (bora)			 		- / 			+	w Pc
2.				1					 	

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REMARKS

SEP 29 1950 OIL COM

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_w). MCF/da. @ 15.025 psia and 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_{\mathbf{w}}$ 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.
- hw- 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 $P_{\mathbf{t}}$.

STATE OF NEW MEXICO									
OLE CONSERVATION COMMISSION									
ALTIC DISTRICT OFFICE									
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DISTRIBUTION									
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