NEW MEXICO OIL CONSERVATION COMMISSION

<u>___</u>

э

Poo	.1	Jal	mat							AS WELLS	1.2	Form C- Revised 12-1
										councy		
)	SC	UTH	ERN C	Annu	al CRNTA		Spe	cial		Date of	Test	4-18-58
		TRO	LEUM	CORPO	RATI	ON	Lease			Wel	ll No	
Ini	t <u>-</u>	s	ec <u>2</u>	<u>0</u> Twj 7 O	p_ <u>~</u>		ge. <u>37</u>	Pu1	chaser El	Paso Na	t'1 Q	as Co.
as	ing	/ + 4	't	<u> </u>	•D• <u>•</u>	995 Se	t at <u>3</u>	190 F	erf		_To	
												ess. 13.2
ro	ducing T	hru:	Cas	ing		Tu	bing	x	Type W	ell Sing	le	G.O. Dual
at	e of Com	plet	ion:_(6-11-	38	Packe	r_noi	si ne	ngle-Brad Reserv	enhead-G. oir Temp.	G. or	G.O. Dual
								/ED DATA				
es.	ted Thro	ugh	(Prov	er) (((Meter)				Туре Тар	רק <u>ד</u> יו	ange
				low Da				Tubin				T
٦	(Prove	er)	(Cho	ke)	Press	. Diff.	Temp.		g Data . Temp.	Casing D Press.		Duratio
>.	(Line Size	∋) ∋	(Orif Si	ice) ze	psie	Diff.	° _F .	psig	° _F .			of Flo
[BB		377	r•	Hr. 72
	4		2.00	0	21	12.96	60	56		95.0	<u>↓</u>	24
					.	+				testing	<u> </u>	
••	Coefficient (24-Hour)		√ ^h w ^p f		ressure psia	Flow Temp. Factor Ft		Gravity Factor	Compre Facto		Rate of Flow Q-MCFPD @ 15.025 psia	
	25.58			20.9	~		1.000	-	•94 9 3	F _{pv}		508
												500
+						<u> </u>						
yj	iquid Hy ty of Li sasured	droc quid	arbon Hydro	carbo	w1 th ns _e ^{-s}	PRE tr. of	cifbbl. deg.	ALCU'AT:	Spec: Spec:	ific Gravit Ific Gravit 9 0.2	ty_Flow	rator Gas67 ring Fluid 52.3
•		P _t (psia)		$P_t^2 F_c$		(F _c Q) ²	(F _c Q) (1-e	$\left(\frac{c^{Q}}{c^{e-s}}\right)^{2}$	P_{w^2}	$P_c^2 - P_w^2$		1. Pw W Pc
Ŧ	69.2		4.8	<u> </u>					11.7	140.8	+	<u>w</u>
+				+								
						- -	-+		— <u>———</u> ————————————————————————————————	<u> </u>	+	
	lute Por ANY ESS	SOU	al: THERN 1071	540 CAL	FORM	IA PETT	OLEUM	n .771 CORPOR	ATION	└	L	<u> </u>
so MP	data in the second s					Ja		D	ivision	Engineer	•	5-2-58
MP. DRI EN'	I and TI	-				<i>_</i>						
so: MP DRI EN' I'NI	T and TI ESSED ANY	Te	sted	by E Nat		Saith Gas Co						

1

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_c= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- P_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
- P_f Meter pressure, psia.
- h_w 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_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_+ .