NEW MEXICO OIL CONSERVATION COMMISSION

								• • • • •		
								Arme		Form C-12 Revised 12-1-5
_				TI-POINT						
										<u>y</u>
Initial Annual Annual				Special			Date of	Test_A	ugust 17, 1965	
Com	pany Rel	bert A.	Deen		Lease P	n Americ	ean 13 Ste	teWe]	1 No	1
Uni	t	Sec. <u>13</u>	Twp	16 8 R	ge 31 _	E Pur	chaser	Not Conne	cted	
										3370
	,			2	. *					ess. <u>13.2</u>
Date	ducing Thru	tion:	9/65	Packe		Si	ngle-Brad	enhead-G.	G. or C	G.O. Dual
J	or compre	<u></u>	9/97	racke				orr temb•		
		1-				VED DATA				
l'est	ed Through			e) (Meter)	<u>)</u>			Type Tap	s	
т	(Prover)	F1	ow Data	Dice			g Data	Casing D		
Vo.	(Line)	(Orifi	ce)	ss. Diff.	•		. Temp.		Temp.	Duration of Flow
SI	Sigo	Sia	ps:	ig h _w	° _F .	 	 -	+	°F∙	Hr.
L. 2. 3.	219	3/8	160		72	Choke S	i se	958	 	1
- [2"	3/8			63	13/64		874		i
•	2# 2#	3/8			67	17/64		784	ļ	1
		3/4			75	36/64		659		
					FLOW CAL	CULATIO	NS			
	Coeffic	ient		Pressure		Temp.	Gravity	Compre	l l	Rate of Flow
0.	(24-Ho)	ur) ¬	/hwpf	psia		tor	Factor F	Facto		Q-MCFPD @ 15.025 psia
┰┼	3.0691		/WPI				Fg	Fpv		
	3.0691			173.2 310.2	9887		*8136	1.029		<u>- 456</u>
٠_	3.0691			479.2	.9933		.8426	1.089		1340
C	3.0691			653.2	-985	9	.81.26	1.12	2	1869
			· · · · · · · · · · · · · · · · · · ·	PR	ESSURE C	Δ (.CIT(.Δ.T'	TONS			
~ T	iania Hadaa		Dati							
s L avi	iquid Hydro ty of Liqui	ocarbon id Hydro	carbons		cf/bbl.			fic Gravit fic Gravit		rator Gas ing Fluid
	5.866		(1-e ^{-s}	0.177				971.2	-2	943.2
0.1	E _N	Pt.	F _C Q	$(F_cQ)^2$	(F	0)2	р 2	$P_c^2 - P_w^2$	Co	, p
	Pt (psia)	¹t	, c	(LCAS)	(1	cQ) ² -e-s)	P_w^2	Pc-Pw	Ca.	$\begin{array}{c c} P_{\mathbf{W}} \\ P_{\mathbf{C}} \end{array}$
-	935.2	874.6	2.675	7-16		.27	875.9	67.3	935.9	96
-	887.2 797.2	787.1	7.860	61.78		28	791.4	151.8 296.8	889.6	
	672.2	451.9	10.964	120,21		1.28	473.2	470.0	687.9	
	luto Per ·	<u> </u>	<u> </u>						<u> </u>	
OMP.	lute Povent	ral:	3125		MCFPD;	n0	.72			
DDR	ESSe/o	Oll Rene	rte 4 Ge	s Services	Ber 76	3. Hebb	s. New Mer	dee		
	r and TITLE ESSED		X. Sm	<u> </u>		Inde	pendent O	e Tester		
OMP	ANY_						·			
		-	************		REM	ARKS				

^{*} Gravity exceeds highest in New Mexico tables. Factors were taken from Texas RRC Menual.

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
- 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
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ 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_{+} .