NEW MEXICO OIL CONSERVATION COMMISSION

NOVE CESS

L001	Eumon	t	HOLLI	. - POINT `ormatio	n Seven I	Soure Tr Rivers -	ST POROCA Queen	Si WEILLS 9	: 56	evised 12-1-	
		Anı								-26-56	
Comp	any Amera	da Petroleu	m Cerpa	ation	Tongs	Lambert			1030	1	
11	В	. 6.	20.	s			1	we.	II NO	- 4	
onic	6_E/8H	Sec	(wp	R _E	ge	Pur	chaser	ermian ba	sin Pipe	Line Company	
Casi	ng	Wt. 20.0#	I.D	Se	et at	P	erf	30 '	_{To} 33	501	
Tubi	ng_2-3/8*	Wt. 4.7#	I.D. 1.	95" Se	et at 33	671 P	erf. 31K	14.1	_To_ 336	571	
		25851 To									
Prod	ucing Thru	: Casing		— <u>—</u> Тı	nbing	x V	Type W	Sing	10		
Date	of Comple	: Casing_	53	Packe	302	a. Sin	ngle-Brade	enhead-G.	G. or G.	O. Dual	
				r acke			neservo	orr temb.			
				,	OBSERV	ED DATA					
Teste	ed Through	(Prover)	(Choke)	(Meter)				Type Tap	s	····	
	(Prever)	Flow	Flow Data				Data	Casing D			
No.	(Line)			Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration of Flow	
	Size	Size	psig	h _w	°F•	psig	1	psig	[⊃] F•	Hr.	
SI l.	4*	2.25**	452.0	10.0	67	982.0 864.0			/	72 S.I.	
2. 3.	4W	2.25*	456.9	17.4	65	795.6	 		 	24-1/4	
3. 4.	4" 4"	2.25*	45753		65	716.0				24	
5.			47183	27.0		654.5				24	
			+ -	<u> </u>		///-					
	Coeffici	ent	- I Pr	essure		CULATION		Compre	15-	1	
No.		,		ODO UTAÇO	Factor		Gravity Factor	Facto		Rate of Flow Q-MCFPD	
	(24-Hou	, , , , ,	•- 1	psia	F,	•	F_{g}	Fpv		15.025 psia	
2.	40.53	4652. 8179.				3	0.9463	1.05		2738	
3.	40.53	11549		75.3	0.995		0.9463	1.055		364.1 4378	
4. 5.	40.53	13664	.50 1	70.5	0.994		0.9463	1.05		4699	
_										/	
avit	quid Hydro	carbon Rati d Hydrocarb (o D	_	CSSURE CA	ALCU ATI	Speci	fic Gravit	y Flowin	tor Gas 0.66 g Fluid -	
lo. F	Liquio	d Hydrocarb (Pt F	ons = 1-e-s)	(F _c Q) ²	cf/bbl. deg. (Fo	Q) ² -e-s)	Speci Speci P _c	fic Gravit	y Flowin Pc 990 Cal.	s Fluid -	
lo. F	Liquid	d Hydrocarb (Pt F	ons = 1-e-s)	0.14k	cf/bbl. deg. (Fo	Q) ² -e-s)	Speci Speci P _C	P _c -P _w ²	y Flowin Pc 990 Cal. P.	P _w P _c	
lo. F	Pw Pt (psia)	P _t ² F	ons 1-e-s)	(F _c Q) ²	cf/bbldeg(F_c_(1-	(Q) ² -e ^{-s})	Speci: Speci: Pc	P _c -P _w 220,916	Cal. P. 677.21	P.W. P.C. 85.14	
Fig. F	Pw Pt (psia)	P _t ² F	ons 1-e-s)	(F _c Q) ²	cf/bbldeg.	Q) ² -e ^{-s}) 07 70 88 6	Speci Speci P _C	P _c -P _w ²	y Flowin Pc 990 Cal. P.	P _w P _c	
bsolu OMPAN DDRES	Pw Pt (psia) Pt	P _t ² F	cQ cQ cQ	(F _c Q) ² 180 266 314	cf/bbl.deg. (Fociliary) MCFPD;	(Q) ² (e ^{-s}) (66 5)	Specis Special P _c	P _c -P _w ² 220,916 336,078	Cal. P. 806.91	P.W. P.C. 88.14	
Pavity FO	Pw Pt (psia) Pt	Pt F	cQ cQ cQ	(F _c Q) ² 180 266 314	cf/bbl.deg. (Fociliary) MCFPD;	(Q) ² (e ^{-s}) (66 5)	Specis Special P _c	P _c -P _w ² 220,916 336,078	Cal. P. 806.91	P.W. Pc. 88.14	

ELVIS A. UTZ

Form C-122

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 (Pw). MCF/da. @ 15.025 psia and 600 F.
- Pc= 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:
- F_t 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 $P_{\rm t}$.