NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE OCC

Form C-122

ool'	1	Sumont	MULT	I-POINT Formation	BACK PRES	ssure tes: on	₩	S WHILE,	8:00 R	evised 12-1-	
							T Date of Test				
ompa	any Shell	l Oil Comp	any		Lease_	State (Dev	onian)	We]	ll No		
nit	G	Sec. 20	Twp2	ns Re	ge 36	E Purch	naser	Rl Paso Na	tural Ge	s Company	
asir	ng 7	Wt. 24	_I.D. 6.	. 336 _{Se}	et at	30 Per	.f. 3060)	To		
ıbir	ıg 2½ (wt. 6.5	_I.D	2.441 Se	et at	Per Per	·f		То		
s F	ay: From	3060 _{To}	3620	L30)60 x	_{.G} 660	_ _GL	2019	Bar.Pres	S•	
odu	cing Thru:	: Casing	I	Tu	lbi.ng		Type We	all G. C.	Dual		
te	of Complet	tion: 9-2	2-53	Packe	r371	o Sing	le-Brade Reservo	enhead-G. oir Temp.	G. or G.	O. Dual	
ste	d Through			(Meter)		ED DATA		Type Tap	Flang	9	
Т	(Prover)	Flow (Choke)	Press	. Diff.	Temp.	Tubing Press.		Casing D	Temp.	Duration	
٠	(Line) Size,	(Orifice Size)	h _w		ps i g	_ •	psig	o _F .	of Flow	
1	<u> </u>	1.750	547	2.82	-55			1014 952		72	
╁╌		1.750	536	5.52	- 58			886		2h - 2h -	
	4	1.750	553	7.42	61			820	╂╌╌╌┼┈	2h	
-	4	1.750	555	8.4	63			780		24	
		•			FLOW CAL	CULATIONS		 	<u> </u>	·	
	Coeffici	cient		Pressure Flow T		Temp.	Gravity	Compress.		Rate of Flow	
	(24-Hou	(\mathbf{r})	wpf	psia	Fac		Factor	Factor		Q-MCFPD @ 15.025 psia	
-	19.27		00.20 Berg		7.0040		₽ -> 555	F _{pv}		1,270 psia	
	19.27 120.0		0.07			.99		1.062		2,527	
	19:21	17.27 270.05 17.27 200.20		•7770			•9535	2,002		3,431	
	A/ (C)	200,20			•271		•9535	1.00	2	3,007	
				PRI	essure ca	alcui atioi	is				
	uid Hydro of Liqui 0.865			0,130	cf/bbl. deg.			fie Gravi			
Ī	W									 	
	t (pala)	Pt Pt	F ₀ Q	(F ₀ Q) ²	(F)	Q) ² -e-s)	P _w 2	P@-P 	Cal.	Po	
	099.2	800-6	2,20	1.025		640	9,1,0	129,5	70707	•7391	
	20066	094.2	2.57	4.13	1 1	.02 .13	307.4 377.4	245.9	033.5	61.10	
	793.2	629.2	3.35	11,00			630.1	424.4	794.2	•1732	
	A Dana da	[a]: 7,8	00		MCFPD:	n 0.	778				
olu	te Potent:		743-5410		 ,						
PES	te Potent Y She	1957 . Ho	DE, New	Mescac	0						
RES NT		1957 . Ho	JOS, NOW	Here							

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
- PwI 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.
- $\mathbf{F}_{\mathbf{p}\mathbf{v}}\mathbf{I}$ 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 $P_{\mathbf{t}}$.