NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE OCC

Form C-122

MULTI-POINT BACK PRESSURE THE TOTAL GES WILLS 9:15

Revised 12-1-55

Pool		Fo	restion	Per		Produktyja saaluulkus 200 gaala, ga aa, akkyy ayaa	County_		les	
	nitial Special Special									
Company										
Unit										
Casing T										
Tubing 1/8 W	vt. 6.59 I	.D. 2.3	M Set	t at	5 Pe	rf.		То		
Gas Pay: From									ess. 13-2	
Producing Thru:	ion: 5-14	-37	Packer	3463	Sin	gle-Brad Reser v	enhead-G. oir Temp.	G. or	G.O. Dual	
					ED DATA					
Tested Through	(Prover) (Choke)	Meter)				Type Tap	os_		
	Flow D	2+2			Muhina	Doto				
(Prever)	(Chelse)	Press.	Diff.	Temp.	Press.	Temp.	Casing I	Temp.	Duration	
No. (Line) Size	(Orifice) Size	psig	h _w	\circ_{F}			psig		of Flow	
SI					993				72	
1. 1 1.790 2. 1 1.790		531 531	9.70	_77	96					
3. 1.70		973	20.70	4	938 988		 			
4. 1.730 5. 1.730		74	77.44	73	573					
	,						Ara Langue		1 days.	
Cooffici	ont	- I Dona			CULATIONS					
No.			Pressure Flow Te		Temp.	mp. Gravity r Factor		ss.	Rate of Flow	
(24-Hou	$r)$ $\sqrt{h_{W}}$	p _f psia		Ft.		F'g_	Fpv		@ 15.025 psia	
1. 19.5	25.	12		. 93%		.947	1.0	A	3,999	
2. 19.5 3.	1760			- 323		.937			1.40	
3. 4. 10. 7. 5.				.3577		A	1.6	9	- 1.003	
5.1		, .								
•			PRE	SSURE CA	ALCU: ATIC	ns		- ;	. ·	
as Liquid Hydrod	earbon Ratio)		cf/bbl.	•	Speci	fic Convi	tr Sone	rator Gas_	
Fravity of Liquid	i Hydrocarbo	ns_		deg.		Speci	fic Gravi	ty Flow	ing Fluid	
c 5.866	(1	-e ^{-s})	. 149			Pc	3096.8	. Pč	2012-4	
		-								
P _w	Pt ²	A	$(F_cQ)^2$	(F	$(Q)^2$	פ פ	$P_c^2 - P_w^2$	Co	l. Pw	
Pt (psia)	- t		(+ C&)	(1-	e-s)	P _w 2	, C_, M	F	P _w P _c	
1. 977. 2. 2.	22-2		11-12	2.2		72.5	114		*	
3.	M. I	7.4		2.9		10.4 19.1		 		
4. 6. 5.	103.4	7.0 5	11.4	52.57		63,0	244.4	- Comment		
Absolute Potenti	al: 16.00			MCFPD;	n	.618		1		
COMPANY		COLL CO	Terror	morro,	**	70447			- Ot 1 D	
ADDRESS AGENT and TITLE	2.0	30 A	M, M	No. No.	Heaten				Signed By Cabaniss	
WITNESSED	6.6	ALL THE								
COMPANY				REMA	BKS					

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.
- 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.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I 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 $P_{\rm t}$.