NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Poc	ol Furchs	R-KUIZ	:X	<u> </u>	ormation	PICAU	RED CLI	15	County	SAN J	AN	
Ini	tial	X	Ann	:21		Spe	cial		Date of	Test_	5/1	5/59
Com	npany	TTC OF	L& CAS	CTAN	<u> </u>	Lease	MCLAMA	IAN	Wel	l No.	20	
Uni	t <u> </u>	Sec.	24 Tv	ф. 28 н	Rg	e. 10 m	Pur	chaser_S	outhorn un	1 N A	E 30	- PANY
Cas	ing 1.5	Wt	9.5	.D. <u>.</u>	090 Se	t at 19	69 F	erf 191	٥	ToI	19 <u>1</u> 8	
Tub	ing 1	Wt	1.7I	.D. <u>1</u> .	<u>ok9</u> Se	t at_ 19	32 F	erf. 190	7	To]	917	
Gas Pay: From 1010 To 1018 L xG GL Bar.Press. Producing Thru: Casing Type Well Single-Gas Single-Bradenhead-G. G. or G.O. Dual												
Dat	e of Comp	letion:		:/<0	Packe	r	Si	ngle-Brad Reserv	enhead-G.	G. or	G.O.	Dual
	RT To	B: 5770 tal Dep D: 1961 gh	oth 1 1 21 19493) (1971' Choke)	e	OBSER'	VED DATA		Туре Тар	s		
	(Prove		Flow D		. Diff.	Temp.	Tubin	g Data Temp.	Casing D	ata Temp.	-	Duration
No.	(Line Size) (Or	ifice) Size			o _F .	psig			o _F .		of Flow Hr.
SI				1 - 3	- W		617	79	617	79		7 days
1. 2.			750	 	ļ	<u></u> .	305		287	70	-	3 hones
3.			<u> </u>	 	┿		 				┼─	
4.												
5.				<u> </u>			<u> </u>		<u> </u>		⊥	
No.		icient Hour)		<u> </u>	ressure			NS Gravity Factor Fg	Factor	r	Q-N @ 15	of Flow MCFPD 5.025 psia
1. 2. 3. 4.	- 12,3650		- 		299	990	5	-9608	1.027		-3,	613
3。												
4.												
	Liquid Hydity of Lic		drocarb		PRI	cf/bbl. deg.		Speci Speci	ific Gravit ific Gravit 629	yFlo	wing	Fluid 650
No.	P _W (psi	i)	Pt. F	Q. 3.	(F _c Q) ²	(I ()	$\left(\frac{cQ}{e^{-s}}\right)^2$	P _w 2	$P_c^2 - P_w^2$	1	al. Pw	P _w P _c
1. 2. 3. 4.	317				aret i i sa	_		100,189	295152	 -		
<u>3. T</u>												
4.					··································				 	 		
Abso COMF ADDF AGEN WITN	PANY RESS WT and TI WESSED PANY	TEO CI	A GAP	63) COPAN TON, N	D K BRY		n	***	RI	CEN AN 22	ED 1959	
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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 I Actual rate of flow at end of flow period at W. H. working pressure ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° F.
- P_c 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwT Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_{t} 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 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_{+} .

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