NEW MEXICO OIL CONSERVATION COMMISSION

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HOBBS	OF TANENS SAIS

Form C-122

	1420 GT	1101.) O					HOBES	OF THE	acc	Revised 12-1-55
		7.1	c, t A	MULTI-	POINT B	ACK PRES	SURE TES	ST FOR GAS	WELLS	0	Kevised 12-1-)/
Pool	Rimoni	ابن م		Fo	rmation	Que	reta	ISSS OCT	County_	Los	
											3-20-56 to 8-24-5
Comp	any Pl Page	. Natu	ral Ge	a Compr	m y	Lease	She	11 State	We	11 No	7
Unit	r s	ec	32 Tw	o <u>20 1</u>	Rge	e. <u>37 E</u>	Pur	chaser_ Kl	Paso Na	tural G	Company
Casi	ng 🐔 W	't• 15	.5_I	.D	Se	t at	3314 Pe	erf		_To	
	ng <u>2</u> W										
Gas	Pay: From_	3314	_To	31,28	L	x	G <u>0.67</u>	5_GL_			ess. 13.2
	ucing Thru:										
Date	of Complet	ion:_	8-31-5	(h	Packe:	r_ None	Sin	ngle-Brade Reservo	nhead-G. ir Temp.	G. or	G.O. Dual
							ED DATA				
Test	ed Through	(Proj	202) (4	Choko)	(Meter)				Type Ta	ps	Flange
	(Proven X		low Da		Diff	Temp.		g Data Temp.	Casing Press.		Duration
No.	(Line)	(Ori				•					of Flow
_	Size		ize	psig	h _w	°F.	psig	°F.	psig	°F∙	
SI							971	<u> </u>	971		72
1.1	1,0	1.		599	15.2	66	927	 -	95 9 955		24
2. 3.	<u> </u>	1.	750	642	36.0 65.6	66	890 812		914		24
4.), o		750 <u> </u>	635	70.6	67	795_		942		2),
4. 5.]			
						FLOW CAL	CITATTO	NS			
	Coeffici	ent	1	Pr	essure		Temp.	Gravity	Compr	ess.	Rate of Flow
No.			 		j		tor	Factor	Fact		Q-MCFPD
	Fla (24-Hou	r)	√ h _w i	p _f	psia	F	t	$^{\mathtt{F}}_{\mathtt{g}}$	Fpv		@ 15.025 psia
1.	19.27		96.4	6		994	2	9427	1,0	56	57.3
2.	19.27		148 6			7.5	Á		1.0	<u> </u>	2871.7
3.	19.27			2		<u> 994</u>	The same of the sa			<u>9</u>	4003.1
1. 2. 3. 4. 5.	19.27		213, 7	2-1			2		1162		-// a G . /
					DD	BOOKE O	A COTTC A M	TONG 1 6			
					PK	ESSURE C	ALCU AT	$ions_{p} pprox 2^{16}$			
Gas L	iquid Hydro	carbo	n Ratio	0		cf/bbl.		Speci	fic Grav	rity Sep	arator Gas
	ty of Liqui		rocarb	ons		deg.				rity_Flo	owing Fluid
c			(1-e ^{-s})			-	$^{\mathrm{P}}\mathrm{c}$	7 7 -	P ²	168.65
		•									
- 1	$P_{\mathbf{W}}$		<u>. T</u>	T			2 1		2	,	
No.		P	£ F	_c Q	$(F_cQ)^2$	(F	$\left(\frac{c^{Q}}{e^{-s}}\right)^{2}$	P_{w}^{2}	P _c -P _v	; (Cal. Pw Pw Pc
	Pt (psia)					(1		(2) 51	72 .71	,	P _w P _c 9.718
1. 2.	773 5	<u></u>						943.17	23,48		7337
3.	75%.2							1160 30	54.7		.9726
4.	755.2.							912.41		$I \perp \perp$	1.9705

MCFPD; n Absolute Potential: COMPANY_ Page Matural Gas Company ADDRESS AGENT and TITLE Wright - Petroleum Engineer WITNESSED Farl G COMPANY El Paso Matural Gas Company REMARKS

Poer point alignment on this test. Unable to obtain 30% draw down due to choke size up-stream of meter rum. Test No. 1

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_W). MCF/da. @ 15.025 psia and 600 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.
- $h_{\mathbf{W}}$ Differential meter pressure, inches water.
- F_{g} Gravity correction factor.
- F_{t} Flowing temperature correction factor.
- F_{DV} 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 $P_{\rm t}$.