NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

	(+)	-	Fo	m	C	1,22
	4.	1.				
*			has	10	· 7_	. 6 5
w	ΔT	77 (200	1/		-,,

Poc	ol <u>- Wildea</u> r	•	Fo	ormation	M	orrow Sai	nd	_County	Eddy			
Ini	tialX_	A	nnual		Special_			Date of Test 1/10-11/1963				
Company Ralph lowe					Lease Indian Hasin		Posin "A	."Wel	1 No	1(Lower)	
Uni	t	Sec. 22	_ Tw p2]§	Rg	e. 23E	Purc	haser <u>No</u>	ne				_1
Cas	ing 7 I	Vt.26.0	I.D _{6.276}	Se Se	t at_ 93;	85 Pe :	rf. 9118	!	To 9	2 6 6		1 10 27
	ingon TORD I								To	14		
Gas	Pay: From	9118 T	o <u>9285</u>	L_90	<u>52</u> x	Air=_608		5504	Bar.Pr	ess	13.2	
Pro	ducing Thru	: Casin	g	Tu	bing	X	Type We	11 Cas-Ca	s Dual	·		
Dat	e of Complet	tion:	-21:-57	Packe	Parkan II	Sin ₍ 7296	gle-Brade Reservo	nhead-G. (ir Temp.]	G. or	G.O.	Dual	
			,		Beken "			- 4				
Tes	ted Through	(Brover) (Choke)	(Meter)				Type Tap	s <u>rla</u>	nea -		, ·
			w Data			Tubing		Casing D		T -	<u> </u>	
No.	(Prover) (Line) Size	(Choke (Orificon Size	e)		Temp.	Press.	Temp.	Press.	Temp.		Duratio of Flo	
SI	0126	5126	herg	11W	r •	Sauc berg	F 4	hark	r.	Ouer		
1. 2.	3.068	3,750	900	13.0	55	2857				6		
2 <u>.</u> 3.	3.068	7,750	905	311.0	59	2773				-6		
4.	3.068 2.068	7.750 7.750		67.0	63	<u> 2651</u> 2515				6		
5.	# 1003	2,130	300					7				
	Coollia	ont	Tp.		FLOW CAL		S Gravity	10		Data	- 6 FD	
No.	No. (24-Hour) $\sqrt{h_w p_f}$			Pressure		Flow Temp. Factor			Factor		ate of Flow Q-MCFPD 15.025 psia	
<u>1.</u>	 		190 23		3 0048		F _g	1 083	1 1 m	2193		
2.	20,15	20.15 348 45					6975	1,083		3241		
3. 1.	20.15 198.		· +=-				9975	1 083		R327		
<u>4.</u> 5.	20.15		7.35	- 35			9975 1.081		5360			
rav	Liquid Hydro ity of Liqui	d Hydroca		.560	essure care care cf/bbl. deg.	ALCU'ATI	Speci Speci	fic Gravi fic Gravi	ty Flo		Fluid <u>766</u>	
NO.	Pt (psia)	Pt Pt	F _c Q	(F _c Q) ²	(F.	Q) ² e-s)	P _w 2	$P_c^2 - P_w^2$	C	al. P _w	P _W P _C	And the second of the second o
1. 2.	2970.2		21, 79	474.8	349	6 8	387 5	505,9	2896	1	7,1,1,1	2 - IF
2• 3•	2786.2 2884 2		32,20 112,09	1036.8 1848.1	- 226 582		0 80.5 680.2	304.0 1213.3	28lul 2771		9537 9293	
4.	2528 2		53 26	2836.6	893		285.3	3608.2	2699		9051	
COM ADD AGE WIT	olute Potent PANY RESS NT and TITLE NESSED PANY	Palpit I	08 482 m		Tawai Ann	n . 76		തിലെ ഒര	ham			
	Appropriately						โดยอย่าง ร	3: 2112-9 12-3-4				

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
- P- Meter pressure, psia.
- has Differential meter pressure, inches water.
- Fg. Gravity correction factor.
- FL Flowing temperature correction factor.
- F_{DV}- Supercompressability factor.
- n 🔁 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 $P_{\mathbf{t}}$.