Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

	Undesignated											
Initi	al X		Annual_		1	Spec	ial	31	_Date of	Test_ 7-	23-24-1962	
Compa	ny TE	KACO D	1C.			Lease G .	L. Erw	in "B"	NCT-2Wel	.1 No	2	
	J S											
	g 2 3/8 w										06	
	ıgW											
											ss. <u>13.2</u>	
Produ	cing Thru:	Casi	ng	X_	Tu	bing	Sin	Type We	ell <u>011</u>	- 011 G. or G	- Gas	
Date	of Complet	ion:	4-0-02		Packe			Reservo	oir Temp.			
						OBSERV	ED DATA					
Teste	d Through	(Hotel	er ton	KK)	(Meter)				Туре Тар	s F18	inge	
·		Fl	ow Data				Tubing	Data	Casing I			
No.	(Line)	(Orifi	Pr	ess.	Diff.			l .		! !	Duration of Flow	
	Size	Siz		sig	h _W	° _F .	psig	°F.	+	+	Hr.	
SI									1642		72	
1.	3,000	1.50	0	45	43	75			1512	ļ	3	
2.	Ħ	2.00		55	22	77			1432	 	3	
3.	Ħ	2.00	0	54	44	78			1278	 	3	
4.	H	2.00	0	53	72	76			1088	ļ	3	
5.	11	2.00	0	48	18	75	L	1	1423		15	
						FLOW CAL	CULATION	S				
	Coefficient			TPr		Flow	Temp.	emp. Gravity			Rate of Flow	
No.	(24-Hour) 7					Fact		Factor	Factor F _{pv}		Q-MCFPD	
					psia	F	'+	F_{σ}	Fpv		@ 15.025 psia	
								.9484	- 		671.9	
1. 2.	14.30		50.03	4-	58.2	- , 90	59	, 9404		+	994.6	
2.	14.36 27.52 27.52						40 "				1395	
3.	81.28		54.38		67.2 66.2	.98	50 "				1775	
4. 5.			69.04	3.20 61.		. 9850 . 9859		н			854.2	
as Li	iquid Hydro	ocarbon	Ratio_	117	PR . 320	cf/bbl.		Spec:	ific Grav: ific Grav:	ity Sepa ity Flow	rator Gas <u>667</u> ing Fluid <u>600</u>	
C	9.93		(1-	-s)	.20		-	Pc	1655.2	P ²	2740	
No.	P _w	P _t ²	F _c Q		(F _c Q) ²	2 (F	[cQ) ² [-e-s)	P _w 2	P _c -P _w ²	Ca P	w Pc	
1. +	1525.2	2326	6,6	76	44,5		1.092	2335	405	1528	3 .923	
1. 2.	1445.2	2089	9.8	132	97.6	5 19	9.92	2109	631	145		
3.	1291.2	1667			192.1		19	1706	1034	1300		
4.	1101.2	1213			311.2		3.48	1276	1464	1130		
5.	1436.2	2063			72.0	3 1 1	69	2078	662	144	870	
Absol COMPA	Lute Potent	tial:	2526 XACO		340	MCFPD:	, n	759	709			
ADDRI			x 127		dland	, Texa						
	r and TITLE		V. N				s Fores	nan I	m. m	roore		
	ESSED	- <u>-</u> -										
COMP												
O OPIL I						REI	MARKS			-		

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.

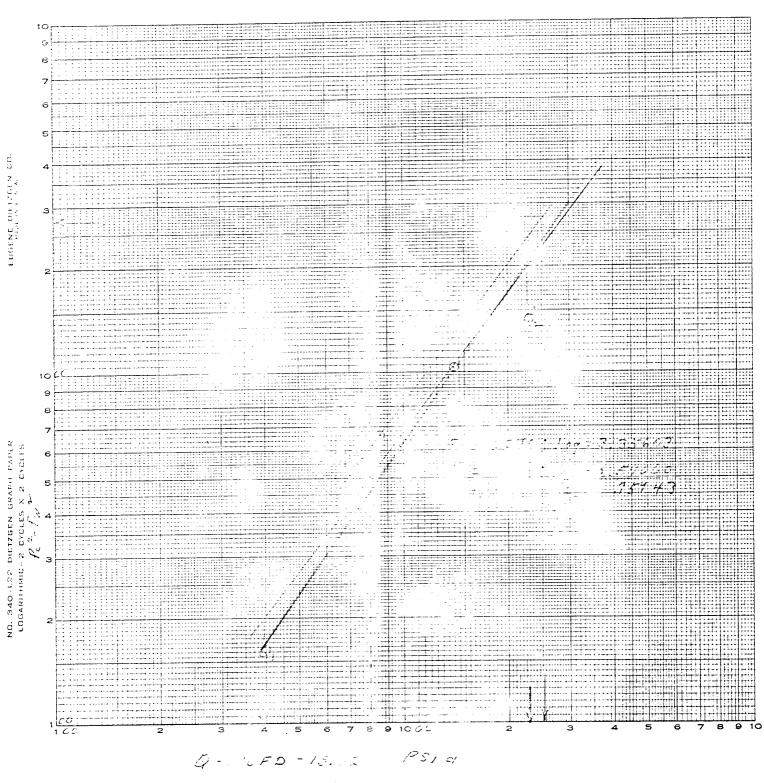
The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q = Actual rate of flow at end of flow period at W. H. working pressure ($P_{\rm W}$). MCF/da. @ 15.025 psia and 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- 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.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.

· Texaco Inc. G.L. Ermin "B" Mc. -2 Well 1/22 Unit J, 5-35, T-24, A-37 Lea County July 23-24, 1962



resolut dential 2520 MCFD