								TEST FOR GA			Revised 12-1-55
Poo	olea_Pe	nnsy l	vanian	F	'ormatio	n	Bend	···	County_		
Ini	Initialx			L		Spec		Date of	Test	12-13, 14-61	
Company The Chic Oil Company											
Uni	.t	Sec		20	S R	ge 3 /	4 E Pu	ırchaser	-		
Unit Sec11 Twp20S											12,849 13,172
Tubing 2 3/8" Wt. 4.7# I.D. 1.995 Set at 12,779 Perf. Open ended To											
											ess13.2
	ducing Thru:										
Dat	e of Complet	ion:_	12-3-6	<u>.</u>	Packe	r <u>12,</u>	5 776	ingle-Brade Reservo	enhead-G. oir Temp.	G. or (3.0. Dual 78
						OBSERV			•		
Tes	ted Through	(Pro	ver) (Ch	eke.)	(Meter)				Type Tar	os :	Flange
~			Flow Data				Tubing Data		Casing Data		T -
No.	(Prover) (Line)	(Ch	oke) P	ress.	Diff.	Temp.	Pres		Press.	~	1
	Size	S		osig	h _w	°F.	ps i į	g °F.	psig	∍ _F .	of Flow Hr.
SI 1.	<u>(111</u>	ļ.,,	000	348	50.6	86	5 37 6		Pkr.	ļ	234 Hrs. 5.1
2.	411		750	855	13,0	92	4321		PKF.	-	3
3.	<u></u>		750	855		81	3304		11	-	3
4.	<u> </u>		750	855	73.0	76	2861	76	16	-	3
	Coeffici	ent	1	Pr	essure	FLOW CALO		ONS Gravity	Compre	ss.	Rate of Flow
No.	(24-Hour)		$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$		psia	Factor ^F t		Factor ^F g	Factor F _p v		Q-MCFPD @ 15.025 psia
1. 2. 3. 4.	6.135		208.72		861.2	.9759		1.0033	1.057		1325
3.	19.27		125.07 206.23		863.2 .93 863.2 .93			1.0033)5 7)59	2481 4139
4.	19.27		260.21		868.2			1,0033		163	5267
ravi	iquid Hydroc ty of Liquid	i Hydr	ocarbons	1		cf/bbl. deg.	LCU AT	Specif Specif	ic Gravit	Ly Sepa Ly Flow P2 C	rator Gas .556 ing Fluid
No.	P _w	Pt	F _c Q		$(F_cQ)^2$	(Fc	Q) ² e ^{-s})	P _w 2	$P_c^2 - P_w^2$	Cal P	
1. 2. 3. 4.				_		1				 	
4.				\pm							
	Lute Potenti	۵۱۰	4 00	<u> </u>		MCERR	T	0,,,,,			
COMPA	NY	E 25.	6.89	ווים שת		_MCFPD;	n	855572			
ADDRI AGENT	ESS <u>Br</u> Cand TITLE	2 2 X 0	7/ Hobbs	2 Ney	Mexico	-	Dat	roleum Engl	no.n.e		
Wltne	ESSED			\(FOL	CITCH CRUIT	116.61		
Pf8 688 635 575 461	MPANY FEPs					REMARKS *Back Pressure Curve based on measur BHP's.					sed on measured
: 466,	/ · Æ	7,009	,	47.53)/						

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.
- PcI 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.
- hall Differential meter pressure, inches water.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- F_{py} 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_{+} .