1-W. G. Cutler

1-Northwest Production

1-Southern Union (Dallas, Texas)

1-File

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 12-1-55

Poo]	Pool Blanco			Fo	Formation			Mesa Verde		R	lo Arriba	
Initial XX Annual								Date of Test 5-4-59				
Comp	oany PACIFIC	MARTH	ast 1	PIPKLIN	<u> </u>	Lease	San Jia	n 29-7	We:	ll No	72-26	
	; 18 S											
Casing 53" Wt. 15.54 I.D. Set at 5500' Perf. 4844' To 5456' Tubing 1-1/4" Wt. 2.44 I.D. Set at 5455' Perf. To												
Gas Pay: From 1841 To 5456' L xG .650 -GL Bar. Press												
Producing Thru: Casing X X X TubingType Well												
							Sin	Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp.				
							ED DATA					
Test	ed Through	(Exter	dok ((Choke)	HEERY				Type Tap	os		
			ow Da				Tubing	Data	Casing I)ata	<u> </u>	
No.	(Prover) (Line)	(Chok	ce)	Press.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	1	
	Size	Siz	se	psig	h _w	o _F .	psig	°F.	psig	o _F .	of Flow Hr.	
SI							1044	L	1112	 		
1. 2.		3/4"		678		77,70	696		678		3 hours	
3.										 		
4.										 		
5.	· 											
					ī	דו. מען ראדו	ጉዞ የተጠቀ	3				
	Coefficient Pre				FLOW CALCULATIONS			Gravity Compress. Rate of Flow			Rate of Flow	
No.	(2) 77 \ /					Factor		Factor	Factor		O_MCTPD	
	(24-Hou	y n _w r		of psia		Ft		$_{\rm F_g}$	Fpv		@ 15.025 psia	
1. 2. 3. 4.	12.3650			69	D	. 9905		9608	1.068		8672	
3.												
4.												
5.1												
ravit	iquid Hydrod ty of Liquid	d Hydro	carbo			CSSURE CAcf/bbl.	ALCU ATIO	Speci Speci		ty Flow	rator Gas_ ing Fluid	
·	······································		_	- -				· с		¹ C	1203,4	
No.	P _w	$P_{\mathbf{t}}^{2}$	Fc	2	(F _c Q) ²	(F _C	Q) ² -e ^{-s})	708 P _w 2	$P_c^2 - P_w^2$	Ca	1. Pw Pc	
1.	1 ((psia)	 	-					01.3	762.1	P.	w rc	
1. 2. 3. 4.										 		
ر 4. ا			+							 	<u> </u>	
5.												
COMPA	Lute Potenti LNY LSS	CHORT	ELST.	PIPELI	NE CORP	MCFPD;	·	4624				
AGENT	Tand TITLE_	C. R.	Hagne	r, Wel	l Test	Degineer						
W1TNE COMPA	ESSED	Jesse					-/	War 16 -				
OUMPA	TAT T	<u> </u>	o mar	ural Ca	- COOP	REMA		Bew Hext	<u>co</u>			
						I WITH THE						



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 \equiv Actual rate of flow at end of flow period at W. H. working pressure (P_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
- 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.
- F_g : Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv 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 $P_{\mathbf{t}}$.

OIL CONSERVA	COMMISSI 4							
AZTEC DISTRICT OFFICE								
No. Copies Rece	ved 3							
	Print 4							
	NO.							
Operator	La Probleman Control							
Large Co.	7							
Proration Order	A CONTRACT OF THE PARTY OF THE							
State was det e	Western Committee of the Committee of th							
U. S. G. S.								
Transporter								
Flie								