]	MULTI-	-POINT B	ACK PRES	SSURE TES	T FOR GAS	WELLS		Revise	ed 12-1-55	
Pool Blanco Mesaverde Formation						nMesaverde			County Rio Arriba				
Ini	tial After t	vorkove	<u>r</u> Annua	1		Spec	ial	¥	_Date of	Test7	-25-66	5	
Company Blackwood & Nichols LeaseNortheast Blanco Well No. 18													
Uni	Unit /4 Sec. 9 Twp. 30N Rge. 7V Purchaser El Paso Natural Gas Company												
	Casing 4½2" Wt. 10.50 I.D. 4.052" Set at 5676! Perf. 5092! To 5652!												
	Tubing 2 3/8" Wt. 4.7# I.D. 1.995" Set at 5602 Perf. 5564 To 5570												
	Gas Pay: From 5092 To 5652 L 5652 xG .655 _GL 3702 Bar. Press. 11.5												
Producing Thru: Casing Tubing X Type Well Single - Gas Recompletion Single-Bradenhead-G. G. or G.O. Dual Date of Gampletion: 7-4-66 Packer Reservoir Temp.												ıal	
			1-1-00	· · · · · · · · · · · · · · · · · · ·			ED DATA					 ~	
Togs	Tested Through (Choke) (Kotor)									Trong Tong			
								Type Taps					
$\overline{}$	(Prover)	(Cho	ke)	ress.	Diff.	Temp.	Press	Data Temp.	Casing D	Temp.	ľ	Ouration	
No.	(Line) Size	(Orif	ice)	psig		o _F .	psig		psig	Į.		of Flow Hr.	
SI		-	20	L0-2 1.M			830		830	-		111 •	
1.		3/4	57				315		727			hrs.	
2 . 3.		-								ļ			
4.		i								<u> </u>			
5.													
							CULATION						
No	Coefficient			Pr	essure					Compress.			
No.	(24-Hour) 7		$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$	h _w p _f psia		rac F	tor t	Factor F _g	Factor F _{pv}		Q-MCFPD @ 15.025 psia		
1.	12.3650			326.5							4037		
1. 2. 3. 4.		+	 -										
4.													
5.													
	Liquid Hydro							Speci	fic Gravi fic Gravi				
	toy of biqui	-	(1-	-e ^{-s})		deg.			841.5			.u.u	
							•	<u> </u>					
T	$P_{\mathbf{W}}$								2 0				
No.	" Pt (psia)	Pt ²	Fc	1	$(F_cQ)^2$	(F	cQ) ² -e-s)	P_w^2	$P_c^2 - P_w^2$	Ca P	1. w	$\frac{P_{\mathbf{W}}}{P_{\mathbf{C}}}$	
<u> </u>			1					546	162	1		.86	
1. 2. 3. 4. 5.			+						,	 			
4.										1	<u> </u>		
5.													
	olute Potent	ial:				MCFPD;	n <u>.75</u>						
ADDR	RESS P.	O. Box	1237.	Duren	go. Col	orado 81	301						
AGEN	NT and TITLE	Delas	so Loo	s. Fi	eld Sup	erintend	lent	Original Signory DeLasso Lo					
	VESSEDPANY				 			y Decasso Lo)O.)				
	-					REM	ARKS			CI	T		

PREFIVED

AUG 3 1966

OIL CON. COM.
DIST. 3

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
- P_{f} Meter pressure, psia.
- $h_{\mathbf{W}}^{\perp}$ Differential meter pressure, inches water.
- F_g Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ 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 $P_{\rm t}$.