					MULTI	-POINT B	ACK PRES	SSURE TES	T FOR GAS	WELLS		Revis	ed 12-1-55
Pool		Wildea	t		Ţ	ormation	Total	to		_County_	Rio Ar	riba	
Init	ial_	<u> </u>	<del></del>	_Annu	al		Spec	cial		_Date of	Test_D	ec. 11	, 1956
Comp	any_	South	ern Uni	on Ga	s Comp	any	Lease	Jicari	lla	We]	ll No.	5-E	
										-			eny
Casi	ng	54° 55°	1 <b>7.0</b> Wt. <b>15.5</b>	<b>5</b> I	.D. <b>k.</b> 9	<b>50</b> Se <sup>-</sup>	55. t at <b>0</b> 00	Purc <b>17-8018</b> <b>10-551.8</b> Pe:	rf. 711	0	To	7153	
								. <b>30</b> Pe:					
		·						G 0.73					12.0
											_		
Prod Date	ucin	g Thru Complet	: Cas	ing	100	Paglaga	oing,	Sin	Type We gle-Brade	nhead-G.	G. or (	G.O. I	ual
Date	01	Compre	C1011;	و مثل	3 3721	racke			neservo	ır Temp.	<del>, -</del>		· · · · · · · · · · · · · · · · · · ·
								ED DATA					
Test	ed T	hrough	Property		Choke)	(Motos)				Type Tap	os	<del></del>	
	/p	roven	F. (Cho	low D	ata Tproce	Diff	Town	Tubing Press.	Data	Casing I	ata	1	D
No.	()	Line)	(Orif	ice)	rress							ł	Duration of Flow
CT CT		Size	Si	ze 	psig	h <sub>w</sub>	─	psig				ļ	Hr.
SI   1.		3/4			1.75			1730 175	770	1732 1106	770		7 day 3 hr.
2 <b>.</b> [						<del>-</del>							
4.													
5.			<u> </u>	<del></del>	<b>↓</b>	<u> </u>		L			<u></u>	L	
	C	oeffic:	ient		Гр			CULATIONS Temp.	S Gravity	C	- T	Data	-C El
No.	Coefficient (24-Hour)					Pressure psia		tor	Factor	Compress. Factor Fpv 1.056		Rate of Flow Q-MCFPD @ 15.025 psia	
1.						437	0.9840		F <sub>g</sub> 0.9766				
1. 2.													
4. 5.							<del></del>						
5.		<del></del>											
						PRI	ESSURE C	CALCU ATI	ONS				
as L	iqui	d Hydro	ocarbon	Ratio	0		cf/bbl.		Speci	fic Gravi	ty Sepa	rator	Gas
	ty o	f Liqui	id Hydro	carb	ons 1-e <sup>-s</sup> )		deg.		Speci	fic Gravi			
c					1-6 2 <u>7</u>		<del></del>	-	Pc		_ <sup>P</sup> c	<del></del>	
- T	$P_{\mathbf{W}}$			Т-			1						
No.		<i>(</i>	$P_{\mathbf{t}}^2$	F	<sub>c</sub> Q	$(F_cQ)^2$	(F	$\left(\frac{1}{cQ}\right)^2$	P <sub>w</sub> 2	$P_c^2 - P_w^2$	Ca	1.	Р <u>w</u> Рс
1.	Pt	(psia)	-	-	***	38WC	<u> </u>	€-3)			- I	w	P <sub>C</sub>
2 <b>.</b> 3.			0.750	75:8	TRICI	OF 124							
4.				<del>- 130</del>		1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>				AT.		
4. 5.		e a plantage with the	<b>)</b> {		4118	il 👢 🗓						A	
Absol COMP			ial,		 		MCFPD;	n		<i>-+</i> "	T I		
ADDRI	ESS_	Desc (		HITC	40.	w Norte				-	11: 1	· MO	
AGEN' WITNI		TITLE	- 011			N. 4		cer		OIL	CON.		
COMPA		1	Payme oil a	lef	ining	Partiers.						1	
		3					REM	MARKS					

winter potential not calculated since factor "N" was not well finded back to a T.D. of 7200 ft.

## 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 I Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 F.
- $P_c$ = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- , PwT 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.
  - $h_{\mathbf{W}}$ Differential meter pressure, inches water.
  - FgI Gravity correction factor.
  - Ft Flowing temperature correction factor.
  - Fpv Supercompressability factor.
  - n I Slope of back pressure curve.

Note: If  $P_W$  cannot be taken because of manner of completion or condition of well, then  $P_W$  must be calculated by adding the pressure drop due to friction within the flow string to  $P_+$ .

OIL CONSERVATION COMMISSION AZTEC DISTRICT OFFICE									
No. Copies Received									
DSTR	DISTRIBUTION								
	NO. FURNISHED	<del></del> -							
Operator		<del></del> -							
Canta Fe	1 .								
Proration Office									
State Land Office									
U. S. G. S.	/								
Transporter									
File	/	>							
·		_							