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				NEW	MEXICO (OIL CONSE		ON COM		•	Form	C 10	
								OBBS OFFI			Revised 12		
		sagan ya Nu	MU	LTI-	POINT BA	ACK PRESS	SUBE 11 1957	EST FOR GAS	S NELLS M 9:56	1990 (p. 3.	•		
	Bumont			Fo	rmation	Qu	een		County	Lea			
Init	tial X	<u></u>	Annual			Speci	ial		Date of	Test 6-	11 to 6-	15-5	
Comj	pany VRM 01	Comp	any]	Lease	Stat	e A- 20	We]	L1 No	1		
Unit		ec. <u>20</u>	Twp	29-5	RgeRge	∍. <u>37-</u> ₿	Pu	rchaser El	Paso Na	tural	Gas Co		
Casi	ing 5-1 W	t. 17.	<u>0</u> 1.D.	4.89	92 Set	t at 363	1	Perf. 34	15	_To35	10		
Tubi	ing _2 W	t. 47	I.D.	1.99	9 5 _Set	t at 361	21	Perf		_To			
	Pay: From											2	
	ducing Thru:							Type Weingle-Brade					
Date	e of Complet	ion: 1	1-17-5	1.	Packer	- 3612'	S	ingle-Brade Reserve	enhead-G. oir Temp.	G. or G	.O. Dual		
	01 00mp100		<u> </u>			OBSERVE							
. .		()		1 \	(Materia)	ODDINAT	D DRI	1	Type Tap	M .	794		
Test	ted Through				(Meter)				······································				
	(Prover)	Fl	ow Data		Diff.	Temp.	Tubin Press	ng Data 5. Temp.	Casing I Press.	Jata Temp.	Dura	tion	
No.	(Line) Size	(Orifi Siz	.ce)		h _w	° _F	psig	s ^o F.	psig	[⊃] F.	of Hr	Flow	
SI		512		518	¹¹ W		Pack	-	993		72-Hr -		
1.	44	1,250	<u> </u>	3.0	14.44	60			906 846		24-Hr/		
2. 3.	4.00	1.250		4. 7.	31.34	60 60			791		24-Er.		
4. 5.	jų i	1.250		φ.	60.	60			755	$\overline{-}$	24-Ex.		
2. !					I				· <u> </u>			<u></u>	
	Coeffici	ent		Pressure		FLOW CALC Flow 7		Gravity			Rate of Flow		
No.	(24-Hou	r) -	hwpf	psia		Factor F _t		Factor	Factor Fpv	or	Q-MCFPD @ 15,025 psia		
	9.643	91		21 576.2		1.0000		0.9393		3+	/ 882		
2.	9.643		134.5	1 5	77.2	1.0000)	0.9393	1.06		1301	/	
3.	9.643		171.9		70.2	1.0000		0.9393	1.06		1663 /		
1. 2. 3. 4. 5.	9.643		191.8		13.2	1.0000		0.9393	1.076				
·					PRI	ESSURE CA	ALCULA	TIONS					
ae T	Liquid Hydro	ca rhon	Ratio	Dev	Ges	cf/bbl.		Spec	ific Grav:	ity Sepa	arator Gas	·	
ravi	ity of Liqui			_	0.148	deg.		Spec			ving Fluid		
c	1,812	<u></u>	(1-6		Verto	<u></u>		- c		C			
	522					_			2 0				
No.	Pt (psia)	P_t^2	F _c Q		$(F_cQ)^2$	(F.	$\left(\frac{Q}{e^{-s}}\right)^2$	P _w 2	$P_c^2 - P_w^2$	Ca I		L :	
1.]	919.2	Silaite .	9 1.59	3	2.554	0.3	18	845.3	167.1	919	4/ 91	4	
2.	859.2	738.	2 2.35	2	3.555	0.8	32	739.0 648.0	273.4	859		-0-	
3. 4.	804.2	<u>590</u> -	$\frac{1}{1}$	 1	9.078 1.38	1.	58	591.8	420.6	769	3 76		
5.							/	01			<u>I</u>	<u> </u>	
	olute Porent PANY VRM		3793			MCFPD;	n	5.81	<u></u>				
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	PANY	June	h	y a			A DKO						

REMARKS

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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.

P_c= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia

P_W 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.

hw= 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_t .