MULTI-POINT		~~~	7707	~ ~ ~	1.7137 T C
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MULLIFECTION	DAUL	LUCI	ron	UAL	حسيده

LOI	. 188	U−Trr
Revised	12	-1-55

Poo!	Basir.	Dakota		Fc	rmation	Dak	ota	County San Juan				
Init	tial	x	Annua	al		Spec	ial		_Date of	Test	1-15-64	
Comj	pany Sou	thern U	nion Pr	roducti	on Co.	Lease	McCor	d	Wel	l No	13	
								haserEl P				
Cas:	ing_4-1/2	Wt. 1	.0.50 I	D. 4.0)52 Set	t at 652	0Pe	rf. 6266		To 62	102	
Tub:	ing 1-1/2	Wt. 2.	90 I.	D. 1.6	510 Set	t at 635	O Pe	rf. 6340		To	350	
Gas	Pay: Fro	m 6266	To	6402	L 63	t0 x	G735	GL4	660	Bar.Pre	255.12.0	
Proc	ducing Thi	ru: Ca	sing		Tul	bing_	XX	Type We	ll Singl	e Gas		
Data	e of Compl	etion:	1-6-6	5la	Packet	r	Sin	gle-Brade Reservo	nhesd-G.	G. or C	.O. Dual	
	0 01 00 <u>m</u> p.						ED DATA		• •			
		•					ED DATA					
Test	ted Throug	h (P X	(1338) ((Choke)	CARRES.				Туре Тар	S	:.	
			Flow Da	ata			Tubing	Data	Casing D	ata		
	(Prove	(Cr	noke)	Press.	Diff.	Temp.	Press.	Temp.	Press.	Temp.	Duration of Flow	
No.	(Line Size	(Ori	lice)	neio.	h _{w_}	O _F	nsig	o _F .	psig	op.	Hr.	
	D120		7120	P0-8	W		1846	+	18k2		9 days	
SI	2*	1 2/		306		780	306	780	1072	 	3 brs.	
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3.												
4. 5.								<u> </u>		ļ		
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					•	FT.OM CAT	CULATION	is				
\neg	Coeff	cient		Pı	ressure	Flow	Temp.	Gravity	Compre	55.	Rate of Flow	
No.				ł	Facto		tor			tor Q-MCFPD		
l	(24-Hour) $\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$		P _f	psia F _t		't	$\mathbf{F}_{\mathbf{g}}$	Fpv		@ 15.025 psia		
1.		12.3650			318 .981			.9035	1.037		3622	
1. 2.												
3. 4. 5.												
4.						·						
5.									<u></u>			
	Liquid Hydity of Lice		irocarb			essure of the control		Speci	fic Gravi	ty Flo	arator Gas wing Fluid 3452.2	
No.		P _w P _t ²		_c Q	$(F_cQ)^2$ (F _c Q)		F _c Q) ² L-e ^{-s})	P _w 2	P _c -P _w ²	C	Cal. Pw Pc	
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1. 2. 3.		- 							 	+-/	entil M	
7.	L									1/2		
4. 5.										1/ 1/4	FOELLE	
Abs	olute Pot PANY S	outhern	Union	Produc	tion Com	MCFPD	-	.75		1	AN 28 1964 L CON. COM	
ADDRESS P.O. Box 000 - Farmington, sew Maxico Original Signed By												
AGENT and TITLE Verne Rockhold, Jr. Engineer VERNE ROCKHOLD WITNESSED Herman McAnally												
COMPANY El Paso Natural Gas Company												
(3) New Mexico O.C.C. REMARKS												
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	(1)	El Fas	o Natur	al Gas	Compar Paso, Ie		ation Dep	pt.				

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 (Pw). 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.
- F_g : Gravity correction factor.
- Ft 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 $P_{\mathbf{t}}$.