NEW MEXICO OIL CONSERVATION COMMISSION

	<u>/</u>	•			1000	_				Form C-122 Revised 12-1-55
-	- Baalon Ba						est for 22			
	1 Bagley-Per									
Ini	tial		Annuali		Spec	cial	<u>x</u>	_Date of	Test_2	2-4-57
Com	panyArierada	Pet. Con	• p •		Lease	rada-St	nell St. "A	" Unit Wel	1 No	1
Uni	t <u>-</u>	Sec. <u>33</u>	Two.	us_ _{3g}	e. <u>33</u> E	Pu	rchaser_1	Paso Natu	ral Gas	3 C o.
Cas	ing 5-1/2 *	Wt. 15.5	I.D.	4.906 _3e	t at 9 8	8 9'	Perf. 980	51	To98	315'
	ing 2-3/8"									
										ess. 13.2
									-	
Date	ducing Thru e of Comple	tion • 10-	-22-51	 	~ 075F	S	ingle-Brade	enhead-G.	G. or (G.O. Dual
240	e er sompre	<u> </u>	~~ /1	acre				TI Temp.		
m						TED DATA	4			
Test	ted Through			••• (Meter)				Туре Тар 	sf16	ange
T	TTEATAY)		w Data	ss. Dif:.	Temp.	the second s	ng Data 5. Temp.	Casing D Press.	ata Temp.	Duration
No.	(Line)	(Orific	ce)						_	of Flow
ст	Size	Size	e ps	ig h _w	°F.	psie	^o F.	psig	^{>} F.	Hr.
SI 1. 2. 3.	<u>Ти</u>	1.7	5" 75	8 16.00	68	2233 2038		<u> </u>	╉────	48
2.	4#	1.7	5" 76	4 27.04	66	1936			1	3
$\frac{3}{1}$	<u>4</u> #	1.7	5 ^{°°} 77	0 42.25	66	1827	-+		+	3
4. 5.										
					FLOW CAI	CULATIO	ONS			
N	Coeffic:	ient		Pressure	Flow	Temp.	Gravity	Compre		Rate of Flow
No.	(24-Ho	ur) -1/	/hwpf	psia		tor t	Factor Fg	Facto F _{pv}	r	Q-MCFPD @ 15.025 psia
$\frac{1}{1}$	19.27	Y	1.06	771.2	•992	-	•9129	1.10		2.135
2.	19.27		4.95	779.2	.99/		.9129	1.10		2.791
3.	19.27	<u> </u>	31,88	783.2	•994	13	.9129	1.10	1	3.502
1. 2. 3. 4. 5.										
<u> </u>									4	
				PR	ESSURE (CALCULAT	TONS			
	Liquid Hydro				cf/bbl.					arator Gas
ravı C	ity of Liqu: 9.936	ia Hyarod	arbons	³) .365	deg.	i		110 Gravi 246.2	P ² 5	ving Fluid
C					<u> </u>	-	- c		_• c	
	Р _W	2	<u> </u>					2 0		
No.	Pt (psia)	P_t^2	F _c Q	$(F_cQ)^2$	(F	$\begin{bmatrix} c^{Q} \\ -e^{-s} \end{bmatrix}^2$	P _w 2	$P_c^2 - P_w^2$	Ca t	$P_{\mathbf{w}} = \frac{P_{\mathbf{w}}}{P_{\mathbf{c}}}$
1.	2051.2	4207.4	21,2	449.4		54.0	4371.4	674.0	2090	• Pc • • 93
2.	1949.2	3799.4	27.7	767.3	28	30.1	4079.5	965.9	2019	.90
$\frac{3.}{1}$	1840.2	3386.3	34.8	1211.0	<u> </u>	2.0	3828.3	1217.1	1957	87
4.		 	┝	-+				<u> </u>	- <u>+</u>	

Absolute	Potential:	10,700	MCFPD;	n_•74		
COMPANY_	Amerada	Petroleum	Corporation			
ADDRESS	Drawer	D - Monumer	t. New Mexico	6	<u> </u>	
AGENT and	TITLE W.	G. Abbott -	District Engineer	W.G.	abbett	
WITNESSEI		ttlefield				
COMPANY	E	P.N.G.				

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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 I 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.
- F_{DV} 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 .