NEW MEXICO OIL CONSERVATION COMMISSION

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	,							4	· ·	• • •	Form C-122	
				MULTI	-POINT 1	BACK PRE	SSURE TES	ST FOR GA	S WELLS	2 45	Revised 12-1-55	
Po	olJalmat	<u> </u>		F	ormation	n T	ates		County	Lea		
In	itial		Annu	al		Spe	cial	<u>x</u>	Date of	Test_3	(3-3/11/60	
Cor	mpany <u>Dalp</u>	ort Oi	1 Corp	oratio	n	Lease	Lunt B		Wel	1 No	1	
Uni	it <u>p</u>	Sec	20	0- <u>22</u>	s Rg	ge•36)	<u>e</u> Purc	haser	El Paso Na	tural G	as Company	
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											ss. <u>13.2</u>	
Do+	oducing Thru	tione	· ·				Sin	gle-Brade	enhead-G.	G. or G	.0. Dual	
Dat	e or compre	tion:	34	59	Раске	rNo	De	Reservo	oir Temp			
						OBSERV	TED DATA					
Tes	sted Through	(Pro	ver) ((<u>hoke)</u>	(Meter)				Type Tap	S PT	bge	
							<u> </u>		• <u>-</u>			
~	(Basedan)		Flow Da		Diff.	Temp	Tubing	Data Temp.	Casing D Press.	ata Terro	Duration	
No.		(Orif	fice)				1	°F.	psig	{ }	of Flow	
SI	5126			psig	ⁿ w	F .	↓	Ľ.	psig	·F.	Hr.	
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1. 2. 3.	↓ − − ↓		000		16.00	70	327	<u> </u>			2]	
3.			000	218	74.14	7)	325	1			2)	
<u>4.</u> 5.	<u> </u>		000	220	16.00	_68	330				21	
No.		Coefficient (Flange) (24-Hour)		_	essure psia	Flow	CULATION Temp. tor	S Gravity Factor Fg	Compre Facto Fpv	r	Rate of Flow Q-MCFPD @ 15.025 psia	
1.	6.135			52 3	231.2 .99			<u>91,35</u>	1.022		267.2	
2.	6.135				199.2 989				1.019		329.1	
3.			- 57-		231.2			-9435	1.02		337.1	
1. 2. <u>3.</u> 4. 5.	6.135		61.(<mark>≻8- </mark>	233-2	-992	•			3	-358.9	
rav	Liquid Hydrc ity of Liqui 9.936	id Hydr	ocarbo		PRJ	cf/bbl. deg.	ALCULATIO	Speci. Speci	fic Gravit fic Gravit 5 73.2	y Flowi	rator Gas <u>.674</u> ing Fluid 3.2	
No.	rax Pt (psia)	Pt ²	F _c	2	(F _c Q) ²	(F (1	$\left(\frac{c^{Q}}{c^{e^{-s}}}\right)^{2}$	P _w 2	$P_c^2 - P_w^2$	Ca] P	P _W Pc	
<u>].</u>	340.2	115.		555	7.05	0.5	6	116.7	336.5	341.	6 .5074	
2.	320.2	102.		273	10.71			104.0	349.2	322.		
<u>4.</u> 5.	338.2	117.6		349 66	11,21			115.9 119.5	<u> </u>	340		
Abso COMP ADDF AGEN	olute Potent PANY RESS WT and TITLE NESSED	DALPO		100	Life B	MCFPD;		8			· · · · · · · · · · · · · · · · · · ·	
	PANY		-B-B	Natura			Jal ¥~	Nexico				
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*This well produced an undertermined amount of water during this test. Poor point alignment on back pressure curve. Therefore the average Jalmat slope of .777 was drawn through the data point corresponding to the highest rate of flow.

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
- P_f Meter pressure, psia.
- hw= Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{pv} Supercompressability factor.
- n 🛄 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_{i_1} .