NEW MEXICO OIL CONSERVATION COMMISSION

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

		Form C-122					
Revised 12-1-55							
San Juan							
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r.Pre							
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or G	.0.	Dual Gas					
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3.		Duration					
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•	Q-	e of Flow					
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•	Q-	e of Flow MCFPD 5.025 psia					
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•	Q- @ 1	e of Flow MCFPD 5.025 psia 8179					
Sepa	Q- @ 1	e of Flow MCFPD 5.025 psia 8179					
Flov	Q- @ 1	e of Flow MCFPD 5.025 psia 8179 or Gas Fluid					
Sepa Flow C 42	Q- @ 1	e of Flow MCFPD 5.025 psia 8179 or Gas Fluid					
Flov	Q- @ 1	e of Flow MCFPD 5.025 psia 8179 or Gas Fluid					
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nit _	<u> </u>	ec. <u>17</u>	_Twp _	28N Rg	e. <u>10W</u>	Purc	haser So	uthern Uni	lon Gas	Co.
asing	5-1/2" 7-5/8*W	15.50 ₁ t. 26.40	# # I.D.	Se	6596 t at 44	0 80 Pe:	rf. 6309		To 6	560
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ate o	f Complet	ion: 1	2-20-58	Packe	r	D#11	Reservo	ir Temp	Singl	e - Gas
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ested	Through	CREEK	(Choke	e) (Nepren)						
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a v ity	of Liqui	d Hydroc	arbons_		deg.		Speci	fic Gravi	ty Flow	ving Fluid
			(1-e ⁻¹	2		-	Pc	2055	_Fc4	(L) • UL)
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P.		$P_{\mathbf{t}}^{2}$	F_c^Q	$(F_cQ)^2$	(F	(cQ) ² (-e-s)	P_{w}^{2}	$P_c^2 - P_w^2$	Ca	Pw Pc
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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 \equiv 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
- Pw 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.
- Fg Gravity correction factor.
- Ft Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ 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 $P_{\mathbf{t}}$.

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