NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

MULTI-POINT	BACK	PRESSURE	TEST	FOR	GAS	WELLS
	27.011		-	A 1.73.84	UAU	71 10111111

Revised 12-1-55

Pool	cool Basin Form					rmation Dakota				County San Juan				
Init	ial		Annual			Spec	cial	Shiften grows of all places of the same grows	Date of	Test	6-23-6	1		
Comp	any Int	ernatio	nal Oil	Corp	<u> </u>	Lease	Fifiel	<u>d</u>	¥o1	1 No	1-5			
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									ell Sing enhead-G. (
Date	of Comple	etion:_	6-11-6	1	Packe	r	3 i r	ngle-Brade Reserve	enhead-G. (oir Temp	G. or 60°	G.O. D	ual		
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		F	Flow Data				Tubing	Data	Casing Da	ata				
No.	(Prover)	Che	ke) P	220	Diff.	Temp.	Press	Temp.	Press.	Temp.		Ouration of Flow		
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5.														
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vo.	Coefficient (24-Hour) $\sqrt{1}$					FLOW CALCULATION Flow Temp. Factor Ft			Compress. Factor Fpv		Rate of Flow Q-MCFPD @ 15.025 psia			
			$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$					ractor Fg						
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	quid Hydr y of Liqu					cf/bol. deg.		Speci	fic Gravit fic Gravit	y Sepa	rator	Gas		
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	P _w				·			·		1				
o.	-w Pt (psia)	Pt ²	F _c Q		$(F_cQ)^2$	(F	_ວ ຊ) ^ຂ -e-s)	$P_{\mathbf{w}}2$	$P_c^2 - P_w^2$		1.	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 I Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 600 F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- $P_{\rm W}$ 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.
- $h_{\ensuremath{\mathbf{W}}^{\!\!\!\perp}}$ Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- F_{DV} 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 $P_{\mathbf{t}}$.