NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE OCC Form C-122

			міл	TT-POTNT	BACK P	RESSURE	TEST :	rd85 6/R			Revised 12-		
Pool	Eumont			_Formati	on Seve	a River	& Qu	0 4 0.5	_County_	10: C	17		
Init	ial		Annual_		s	pecial_			_Date of	Test_	ly 5, 1956		
	any Amerada												
Unit	D S	Sec. 12	Two. 2	.OS	Rge. 3	6- 3	urcha	ser Per	mian Basi	n Pipel	ine		
					36" Set at 3770' Perf. 5" Set at 3528' Perf.								
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	Pay: From_										ss. V.		
Producing Thru: Casing					DTIKTE-DIGO					eliliead - G. G. Of G.O. Dual			
Date of Completion:					Packer 2974 Reserve					oir Temp. 88°7			
					OBS	ERVED DA	ATA						
Tested Through					(Meter)				Type Taps				
Flow Dat				a			ing Da	ata	Casing Data				
No.	(Prover) (Line)	(Orifi		ss. Dif	f. Tem	p. Pre	ss.	Temp.	Press.	Temp.	Durati of Fl	. 1	
	Size	Siz		ig h	°F	_ 1		°F.	psig	°F∙	Hr.	\	
SI							.9				71-1/2		
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3.		- 11		7.0 23.9							24.75		
	411	11		5,6 31.0							24.00		
4. 5.							L			<u></u>			
						CALCULAT			 				
No.	Coefficient (24-Hour)			Pressure		Flow Temp. Factor Ft		ravity Factor	Compress. Factor		Rate of Flow Q-MCFPD @ 15.025 psia		
			$h_{\mathbf{W}} \mathbf{p_f}$	psia				Fg					
1.	29,92	 '	63.80		0.986		· 6		1,082		// 1950.7		
2.	29,92		84.16		0.	7752			1.081		2592.7		
3。	29.92		107.30		0.	7713			1.0		3253.7	7	
3。 4. 5.	29.92		21.96		0.9	9857			1.0	20	3646.4		
as L	iquid Hydro ty of Liqui 9.936				_ cf/b	E CALCU bl. eg.	ATIONS	Speci Speci		tv Flow	rator Gas ing Fluid 19.2	655	
No.	P _w	Pt ²	F _c Q	(F _c Q)2	(F _c Q) ² (1-e ^{-s}))	P _w 2	P _c -P _w ²	F	Pw Pc		
1. 2.	819 762	620 19.38 375.58 51 581 25.76 643.58 96		25 98	726 679		72 97		~ }*****				
3.	668	446	32.33	1045.	23 +	155		601	218	824 776		7	
4.	568	323	26.22		56 3	194		517	302	719			
5.			4				<u> </u>						
COMP. ADDRI AGEN	ESS Draw T and TITLE ESSED	eda Pet	Comment	new Mex	on xlco	PD; n	5348						

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
- $P_{\rm W}^-$ 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.
- $h_{\mbox{\scriptsize W}}\mbox{\footnotesize =}$ Differential meter pressure, inches water.
- FgI Gravity correction factor.
- Ft Flowing température 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 $P_{\mathbf{t}}$.