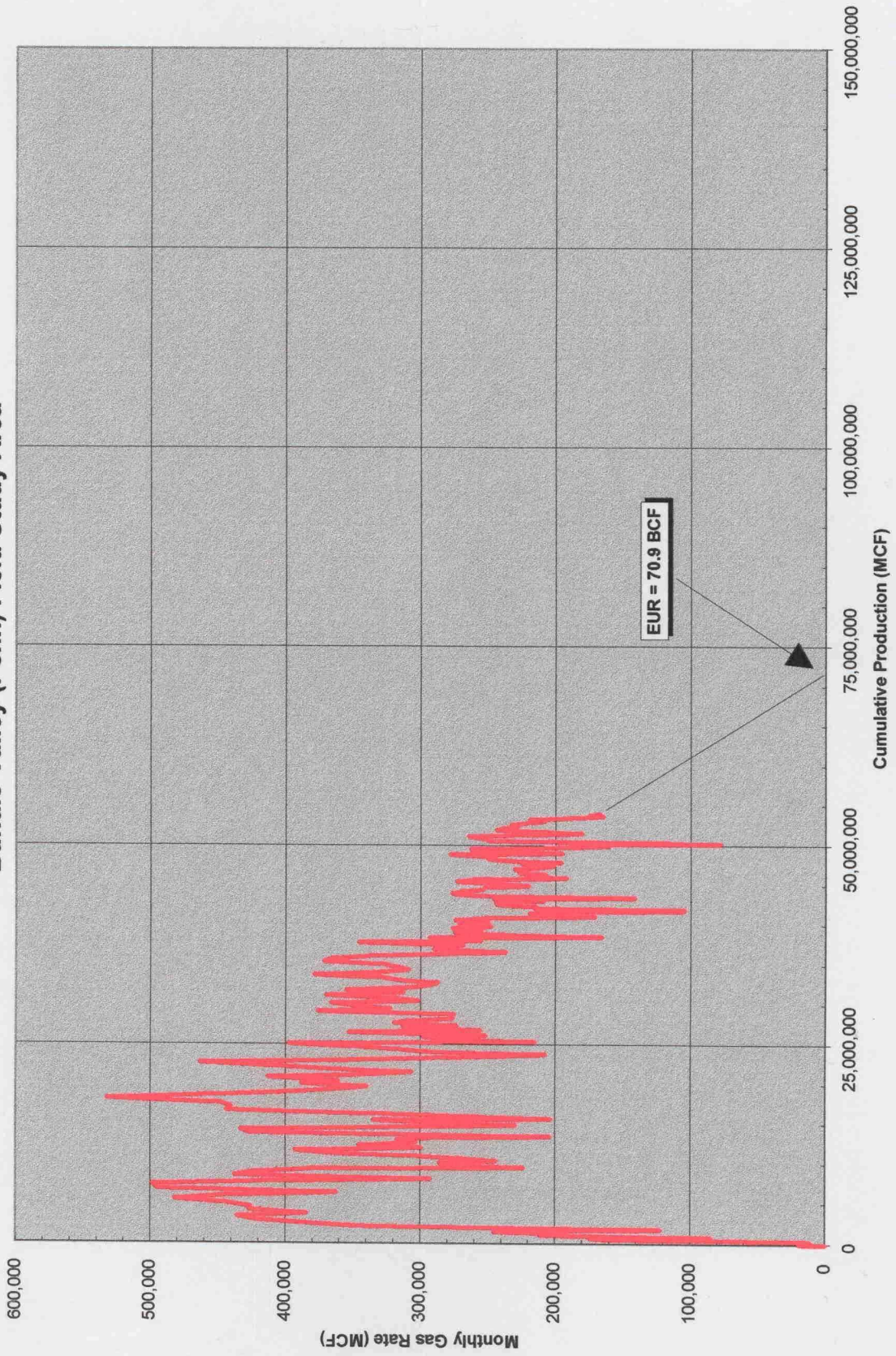
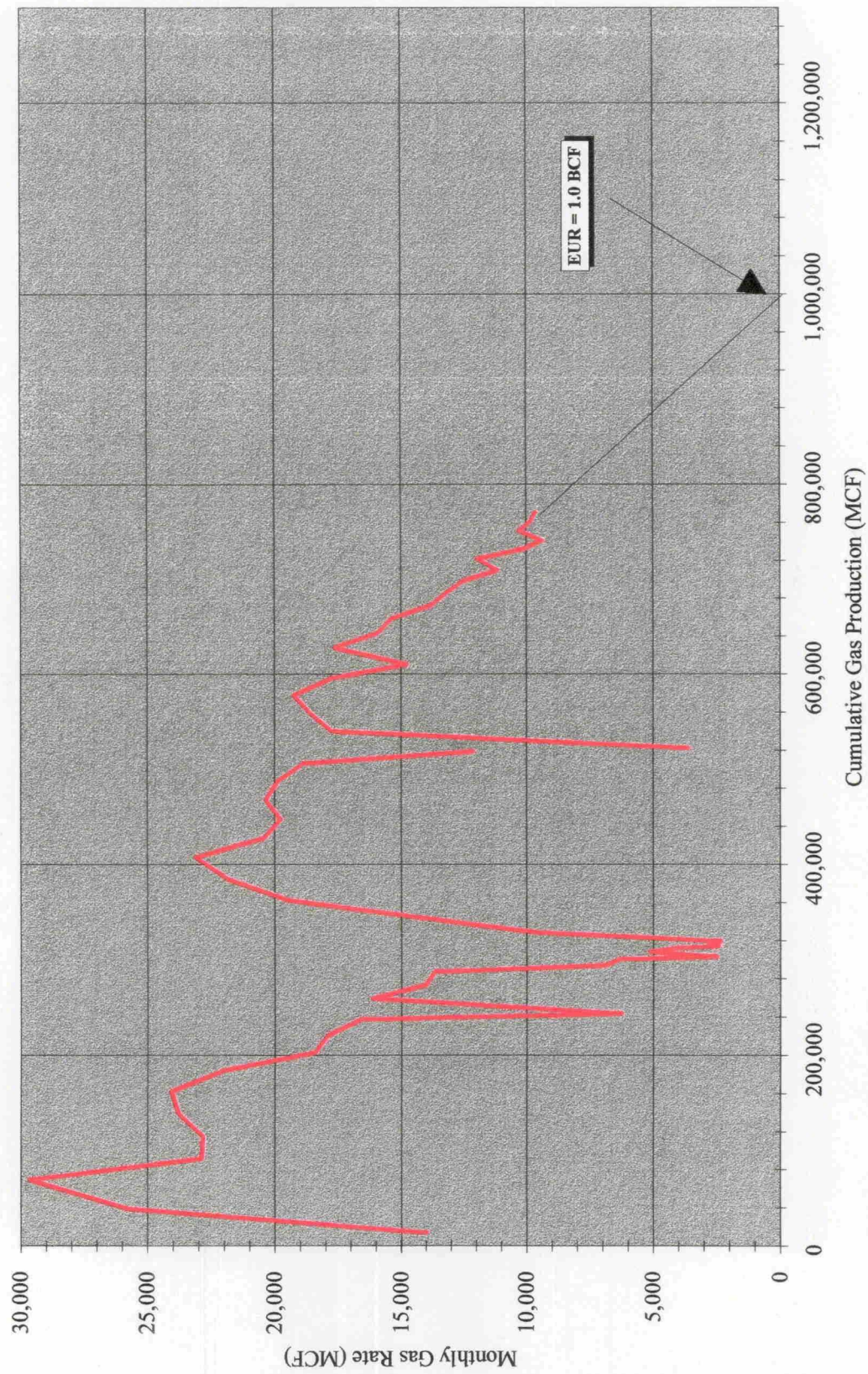


**Monthly Rate vs. Cumulative Production  
Buffalo Valley (Penn) Field Study Area**



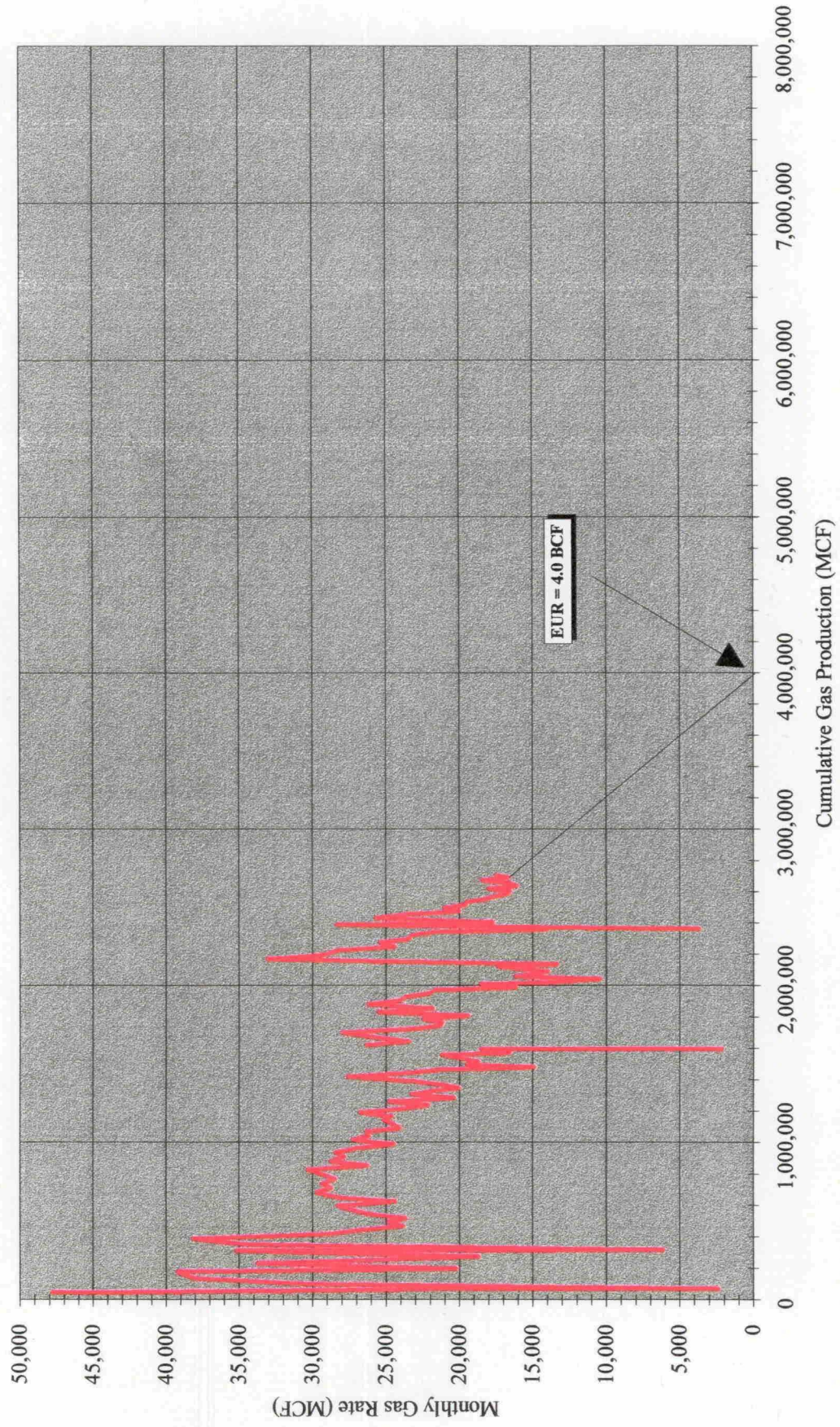


Langley Federal No. 5  
Buffalo Valley (Penn) Field  
Read & Stevens Inc



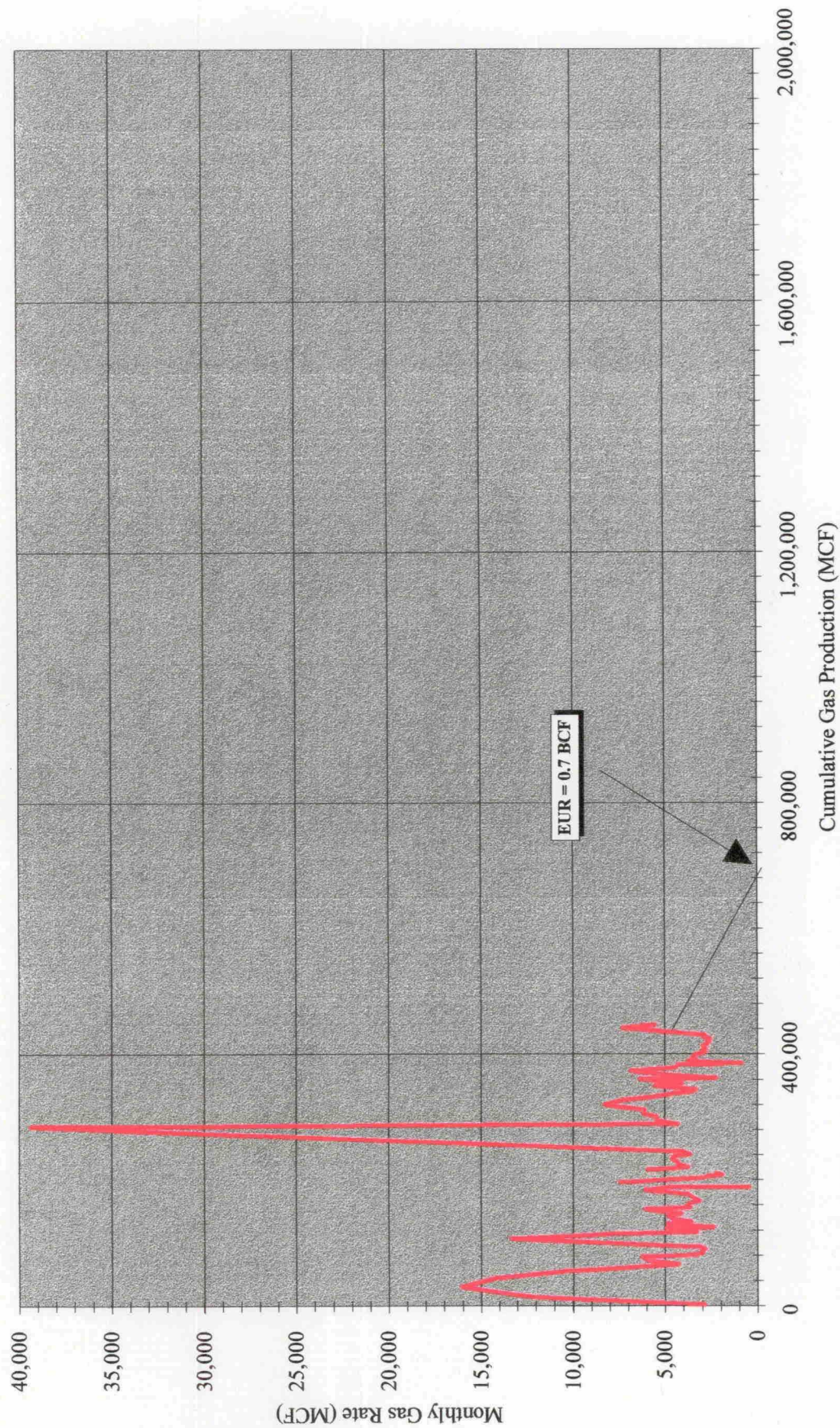


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Read & Stevens Inc



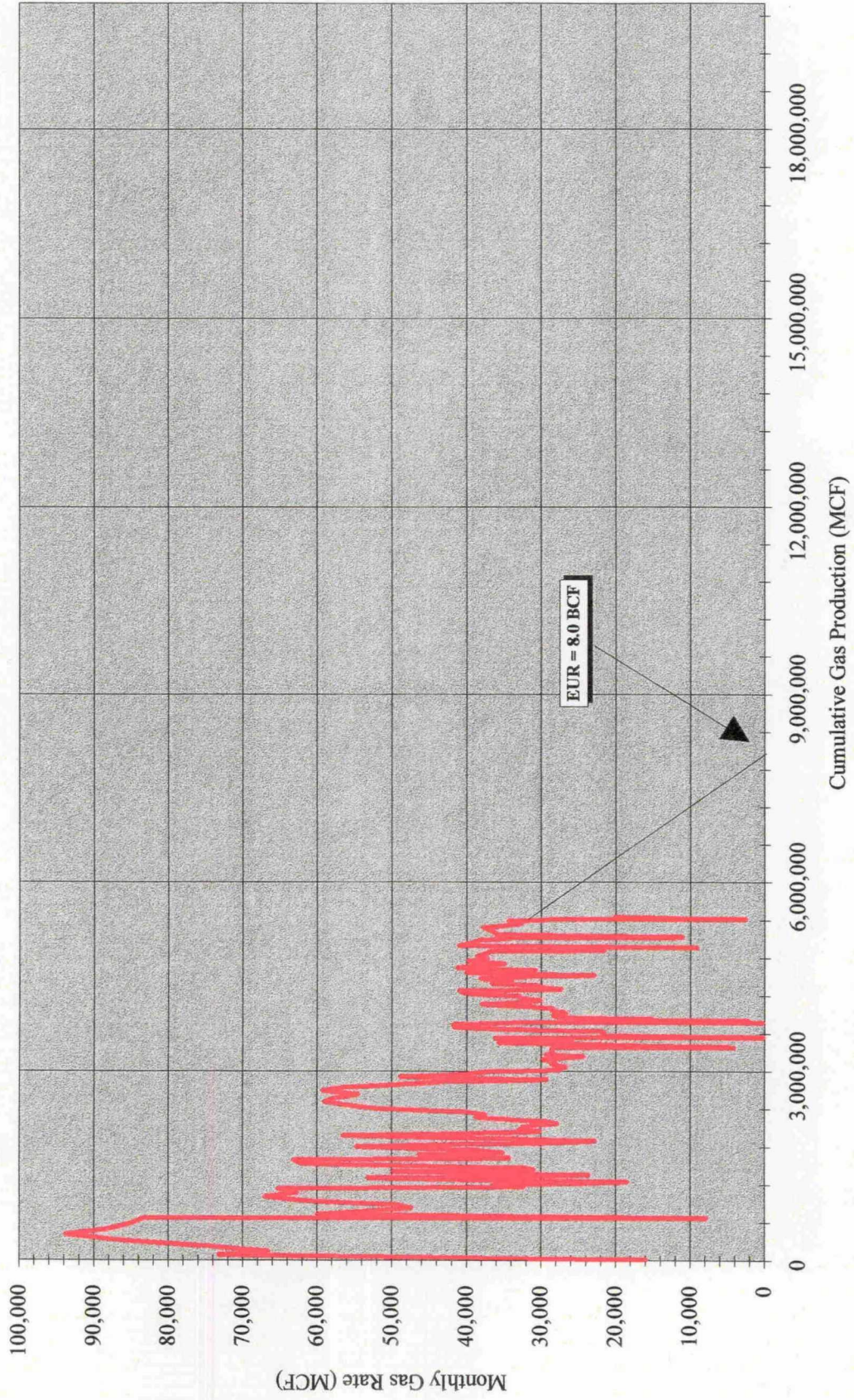


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Read & Stevens Inc



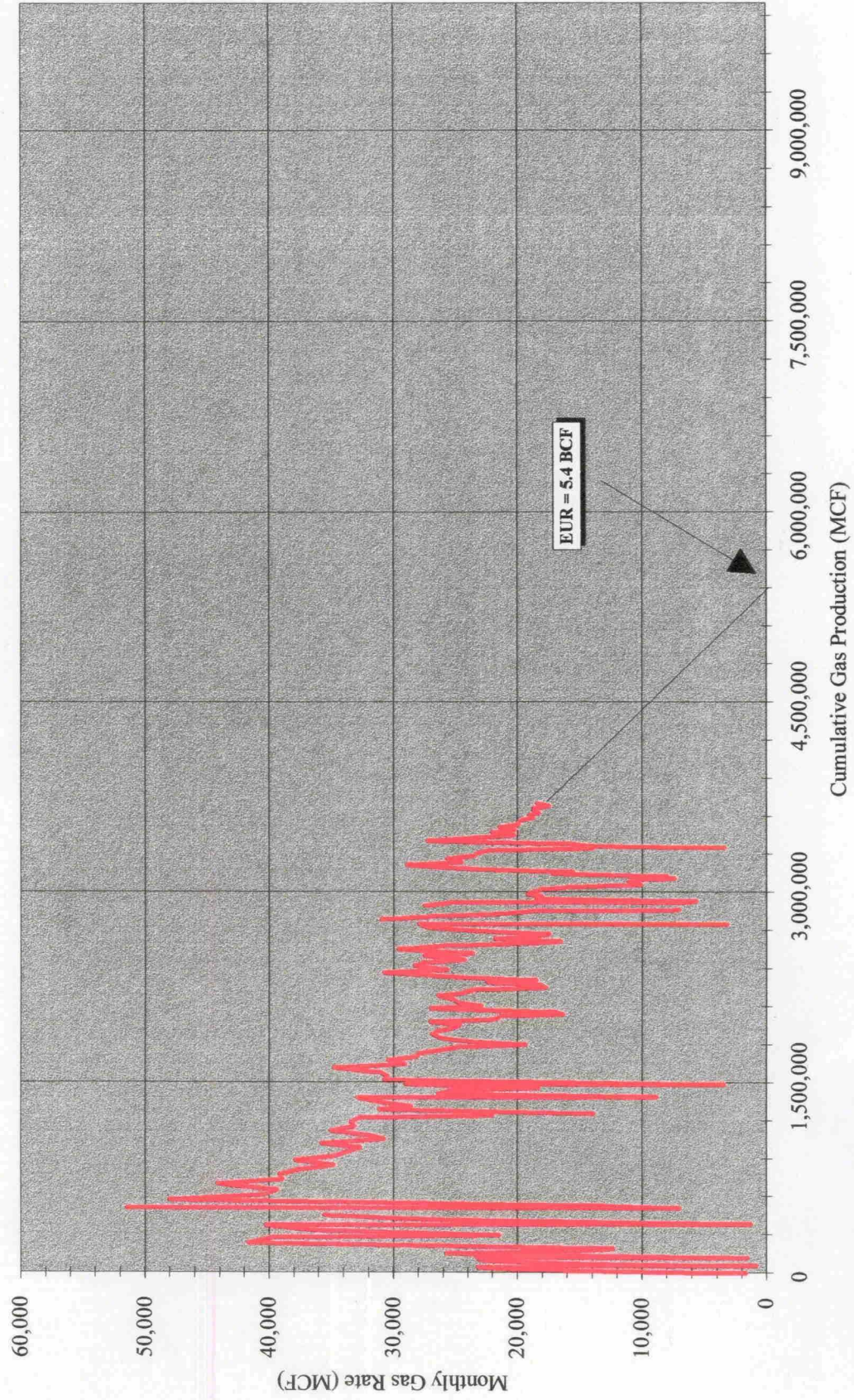


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Read & Stevens Inc



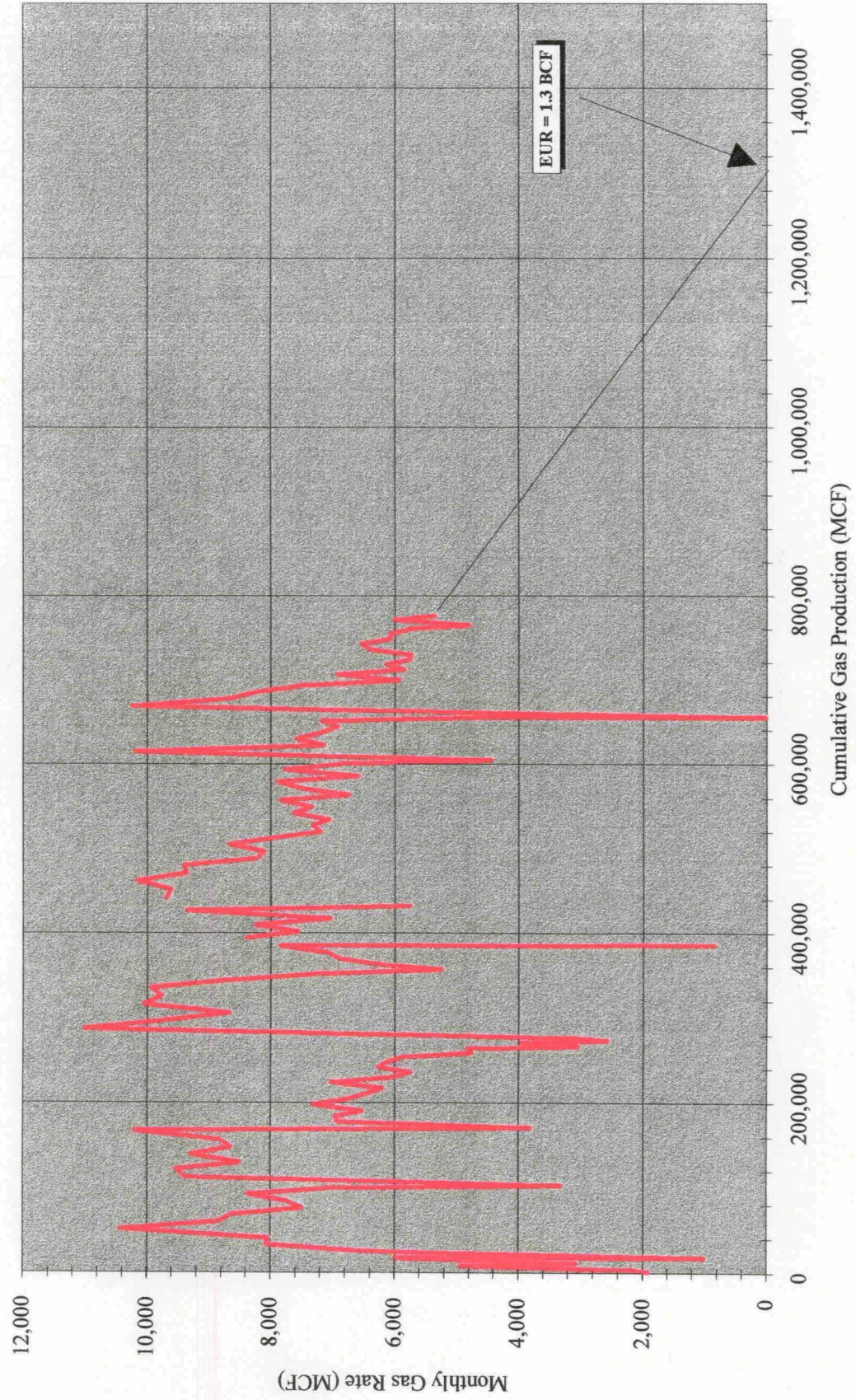


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Read & Stevens Inc



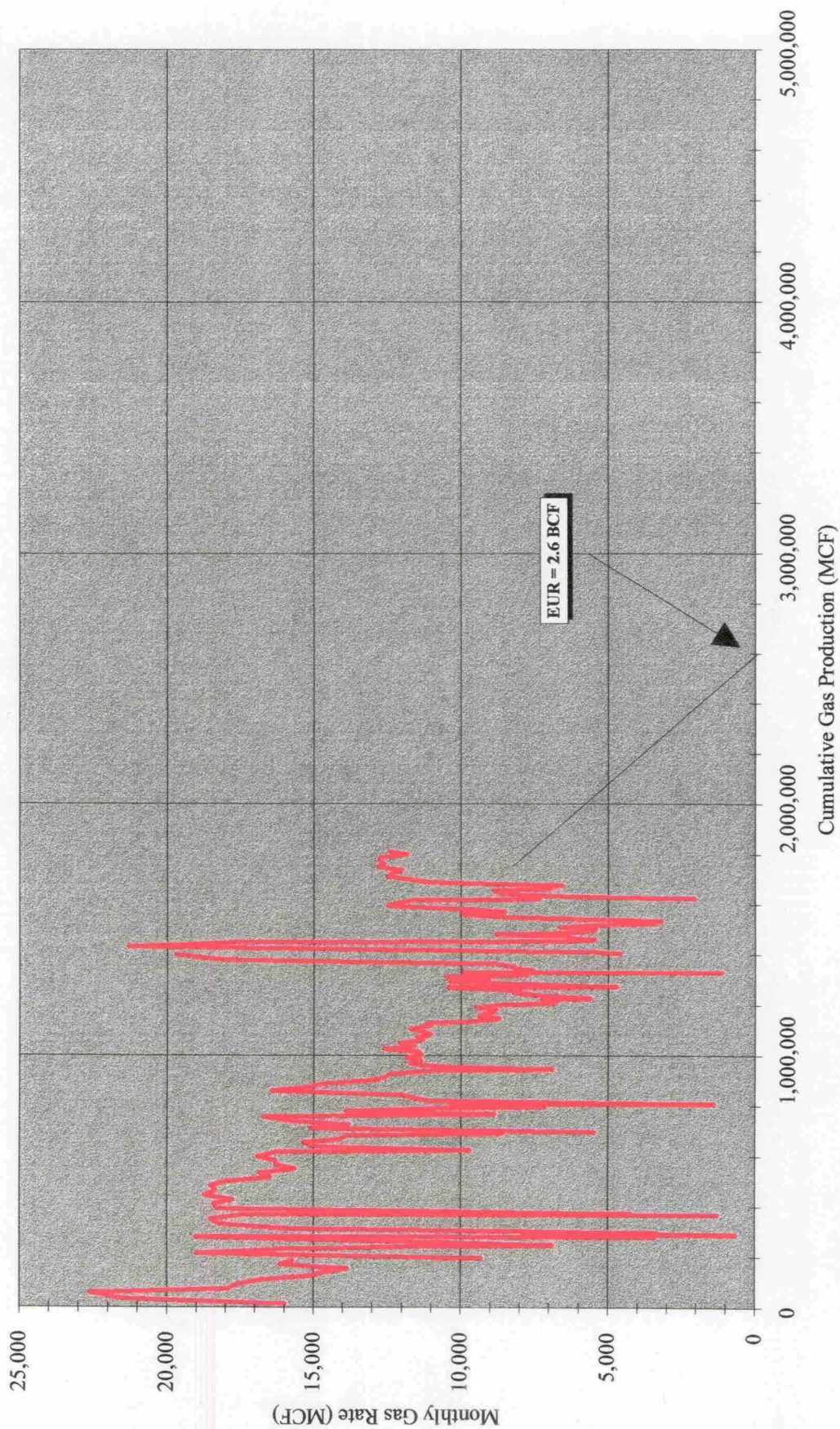


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Read & Stevens Inc



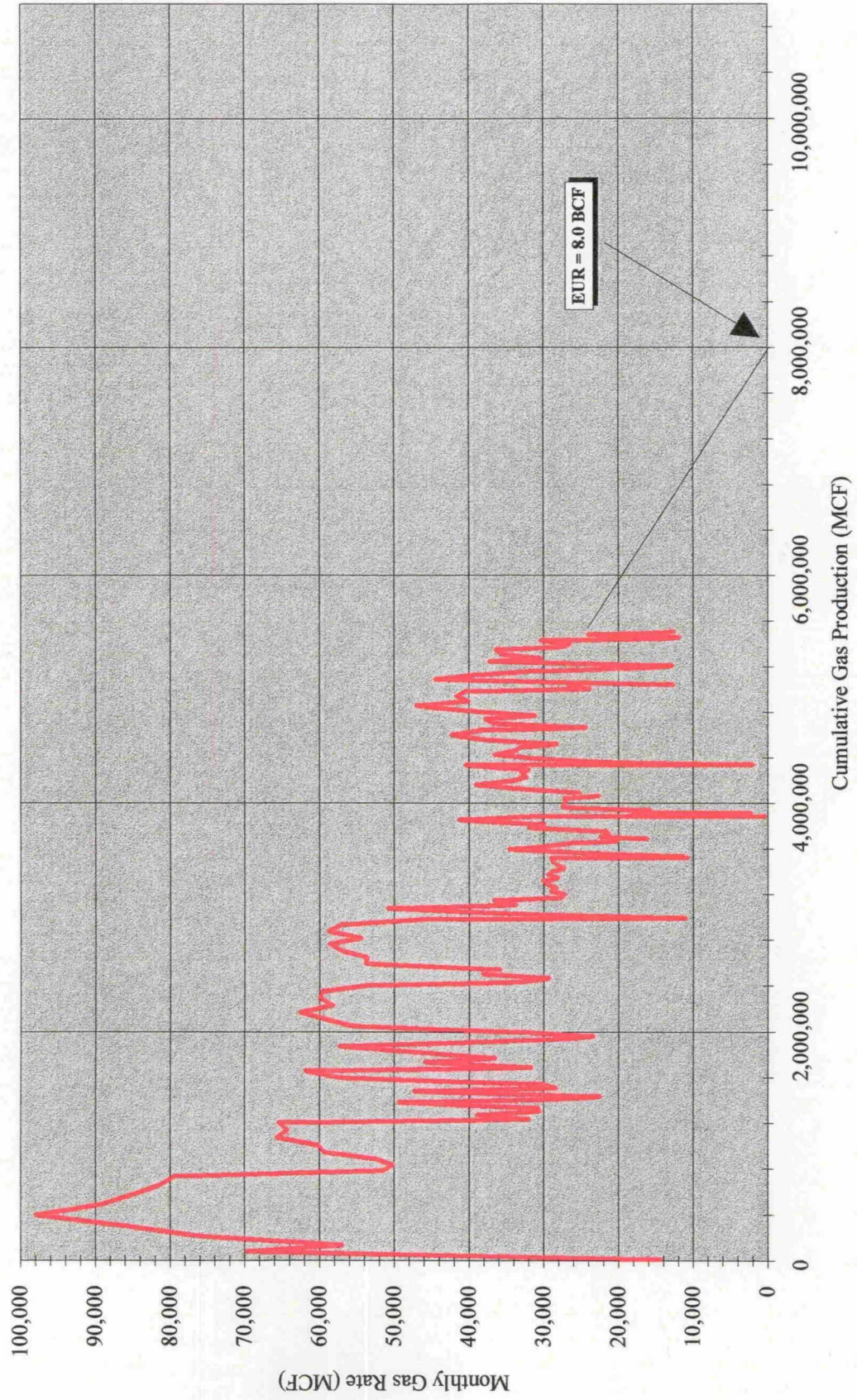


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Read & Stevens Inc



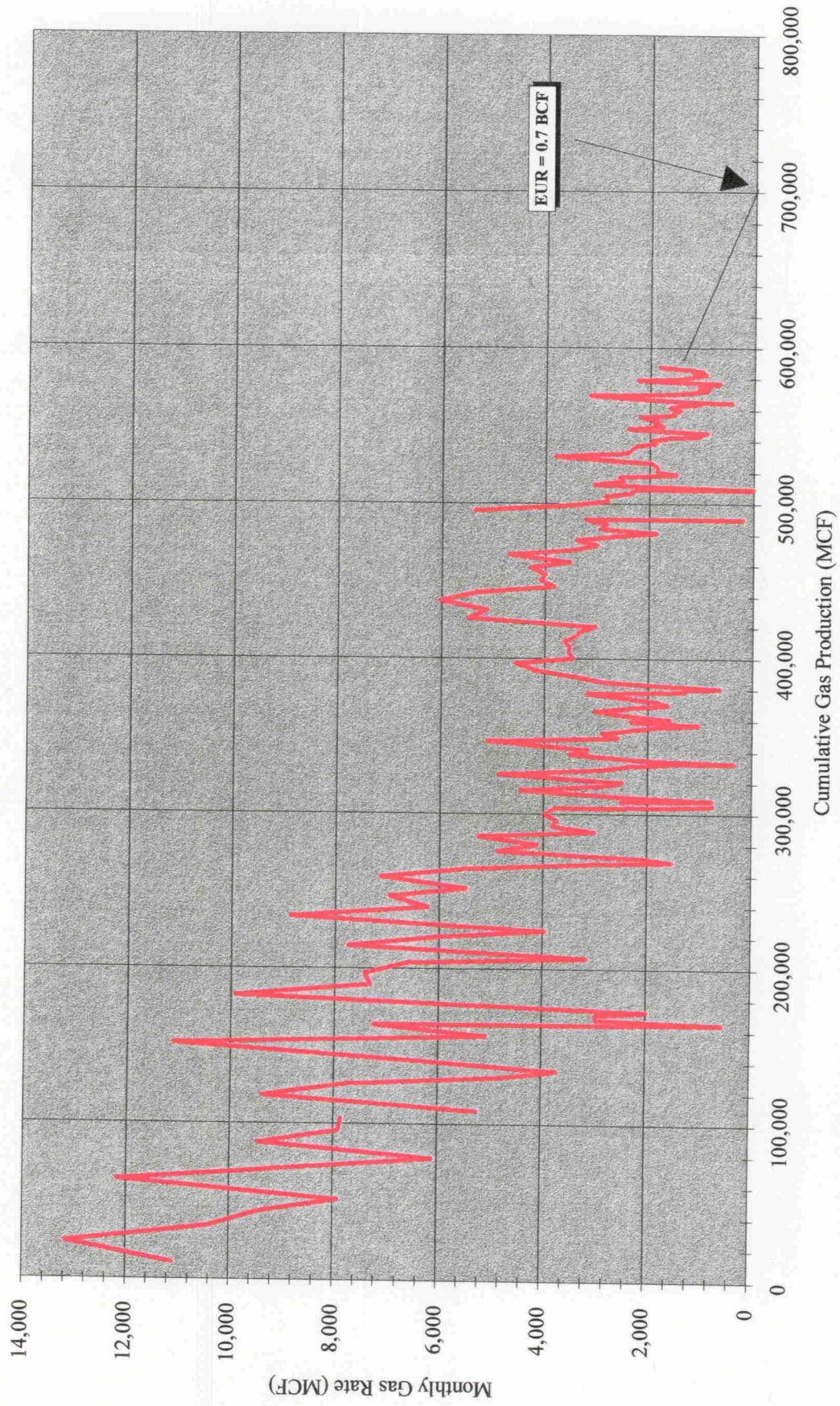


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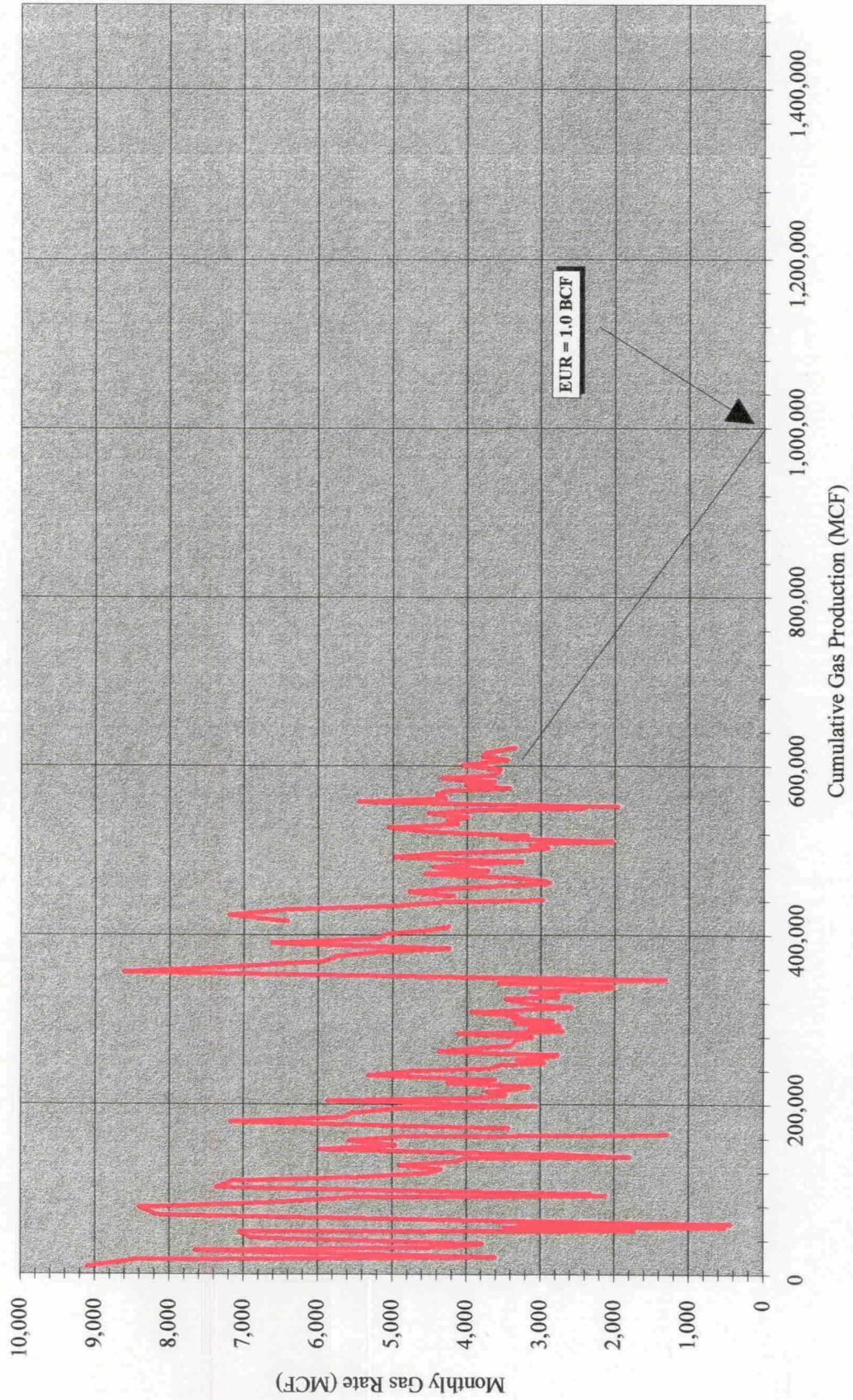


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Read & Stevens Inc



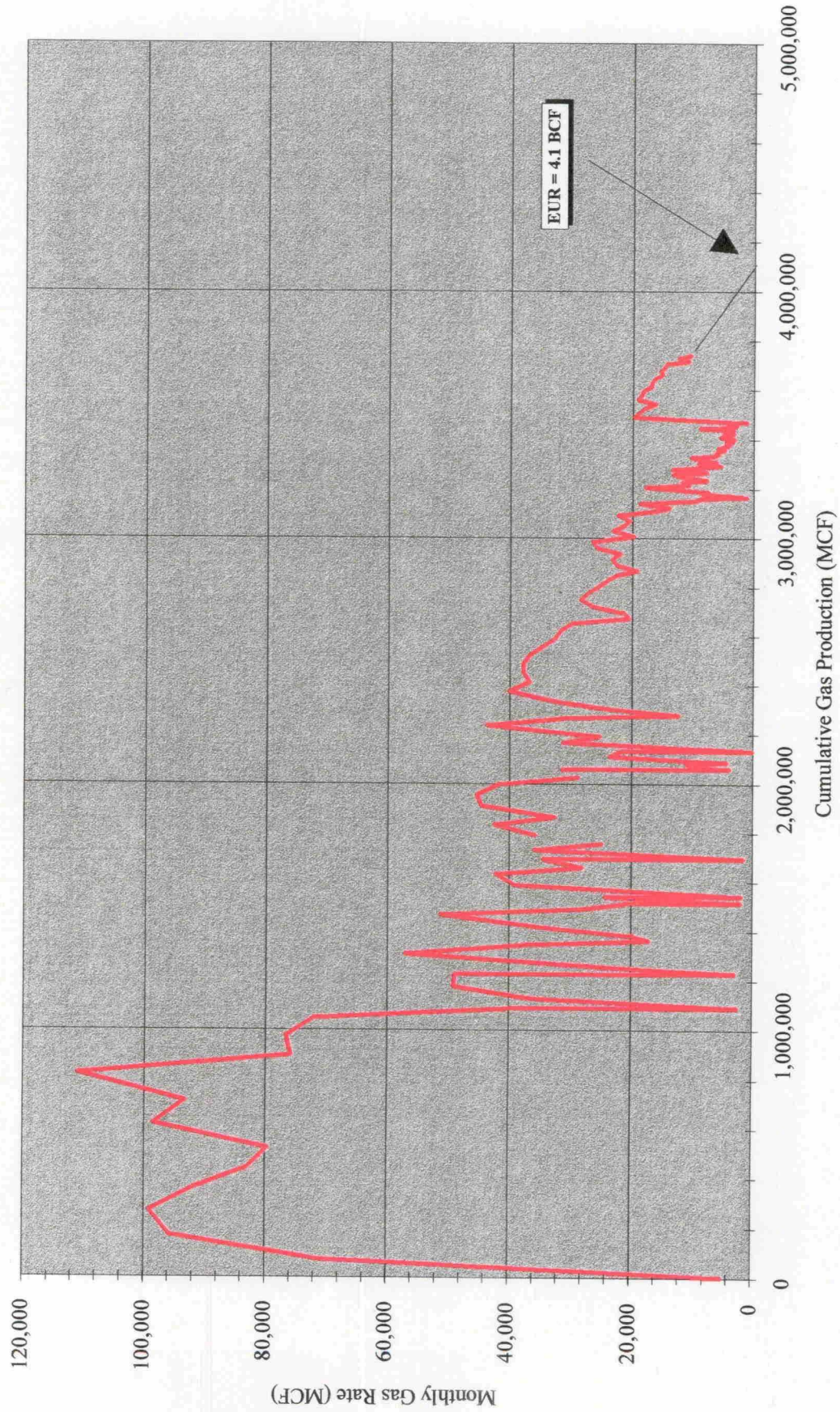


Harris Federal No. 7  
Diamond Mound (Morrow) Field  
Read & Stevens Inc



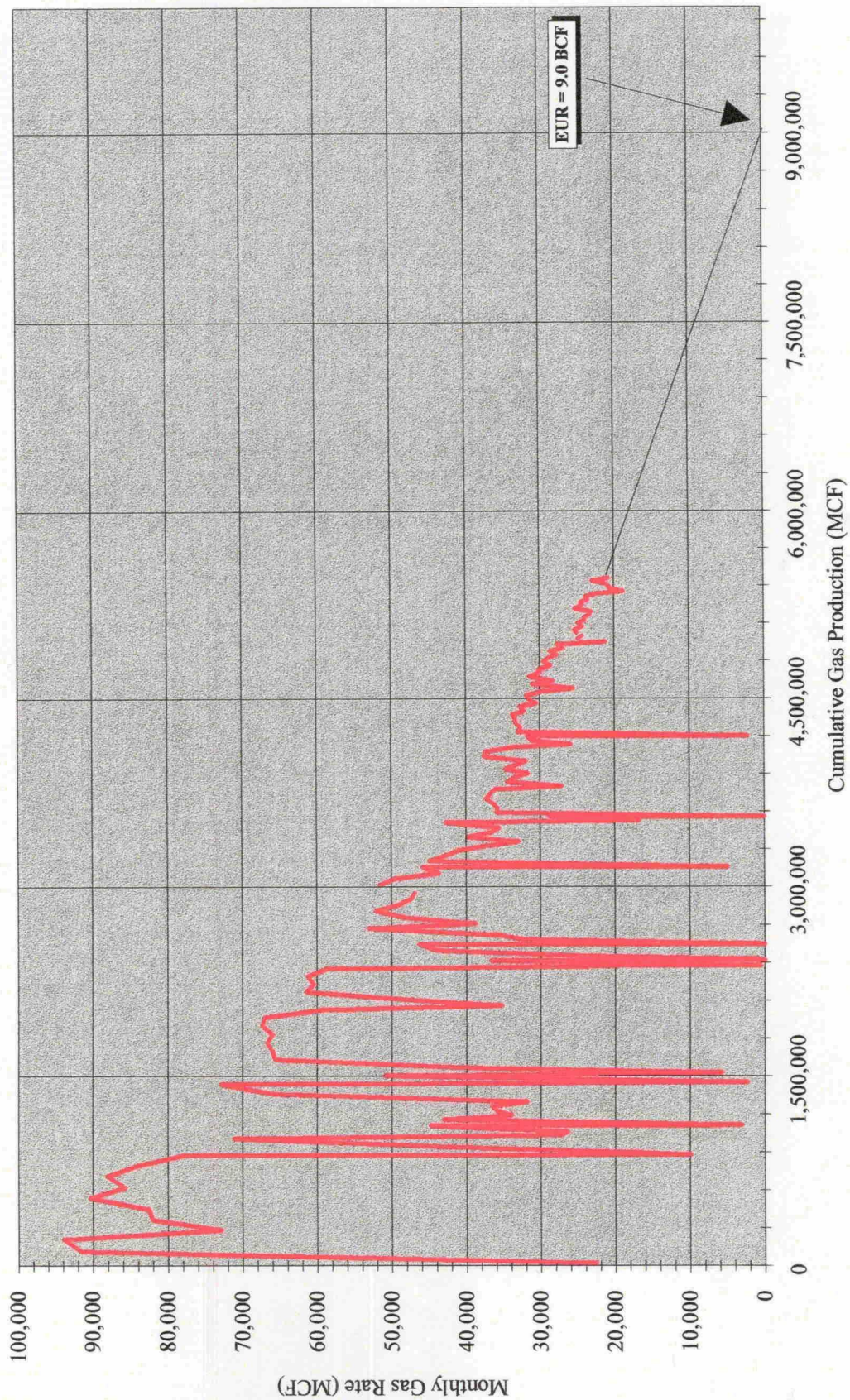


Toles Federal No. 1  
Diamond Mound (Morrow) Field  
Read & Stevens Inc



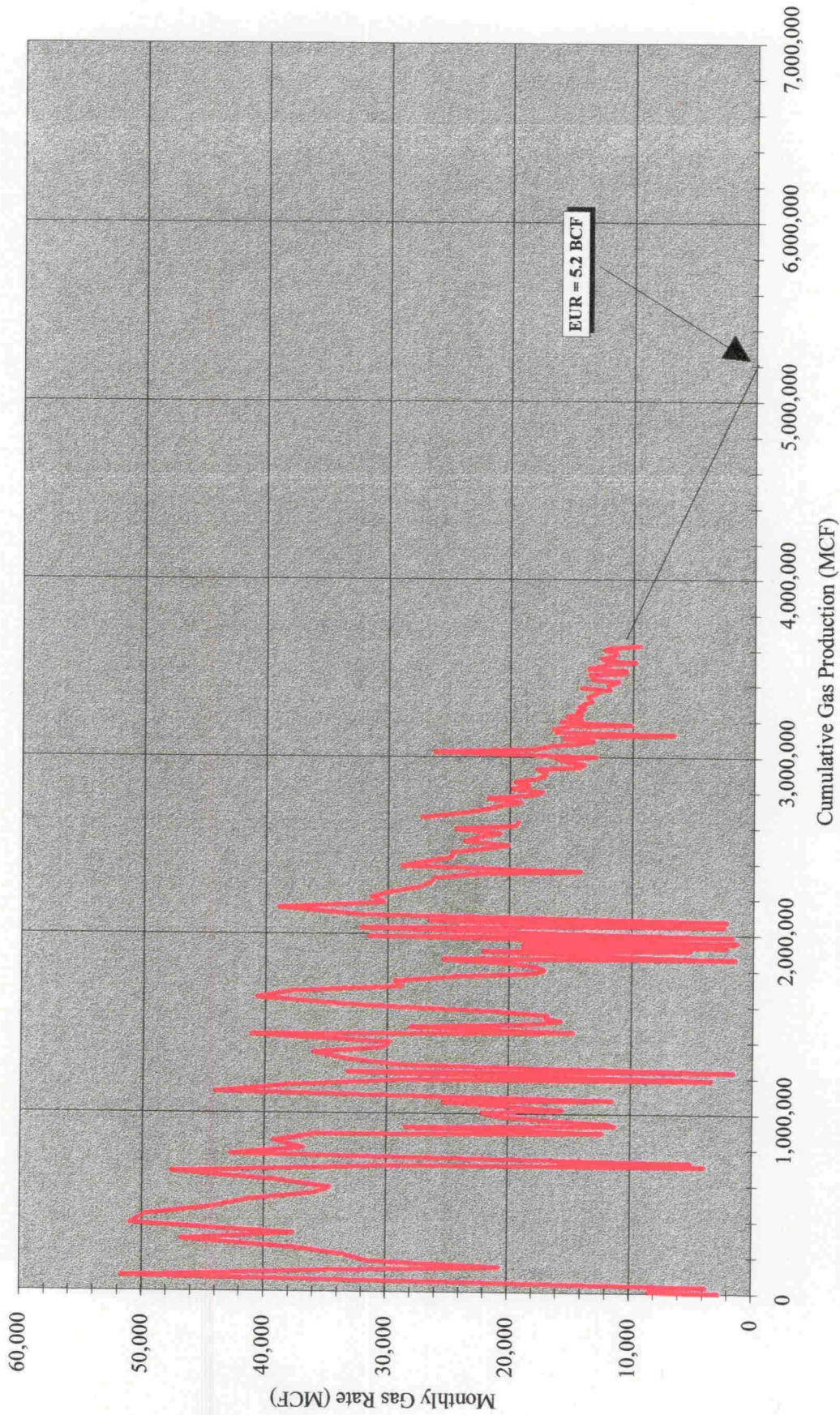


White State No. 2  
Diamond Mound (Morrow) Field  
U M C Petroleum Corp



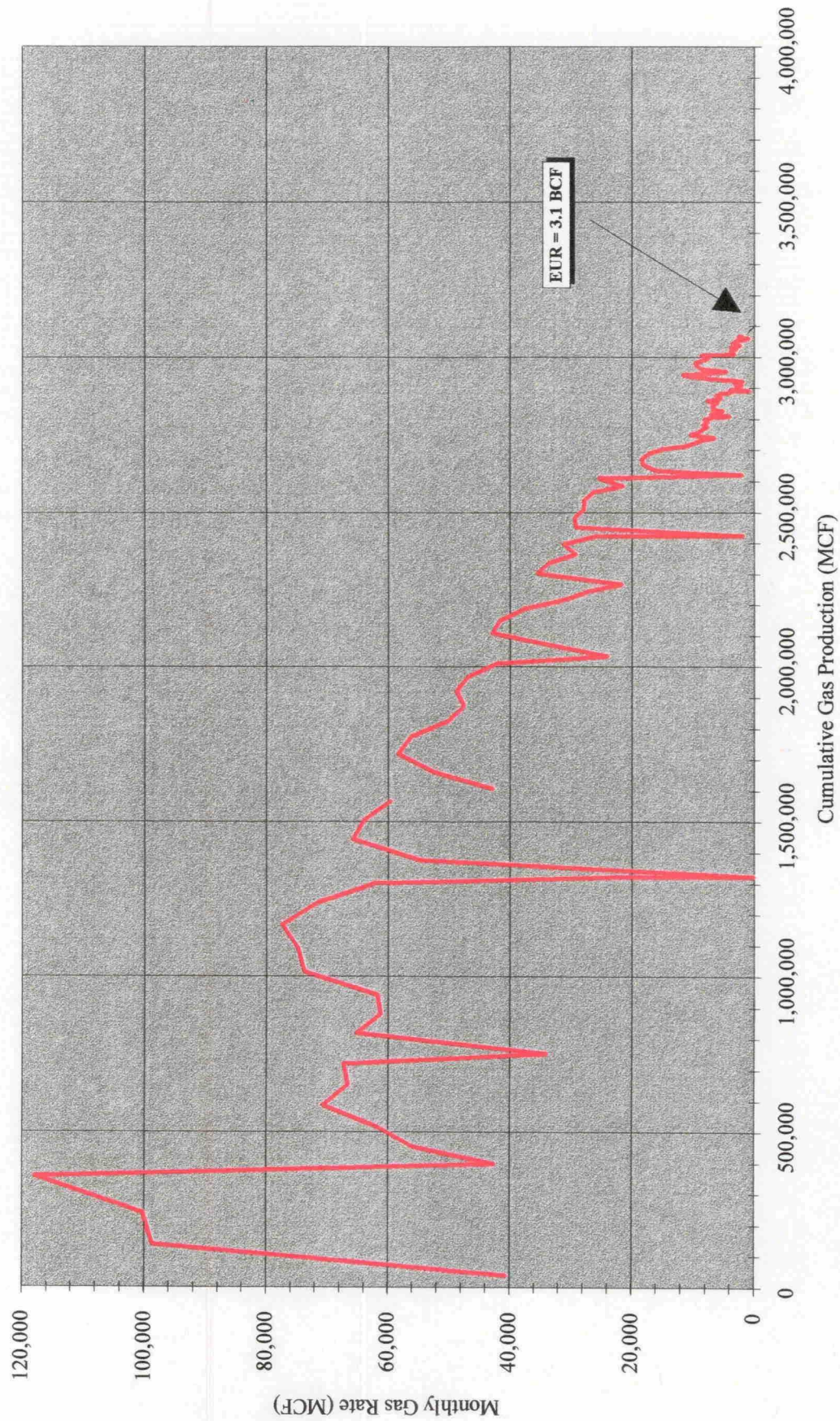


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U M C Petroleum Corp



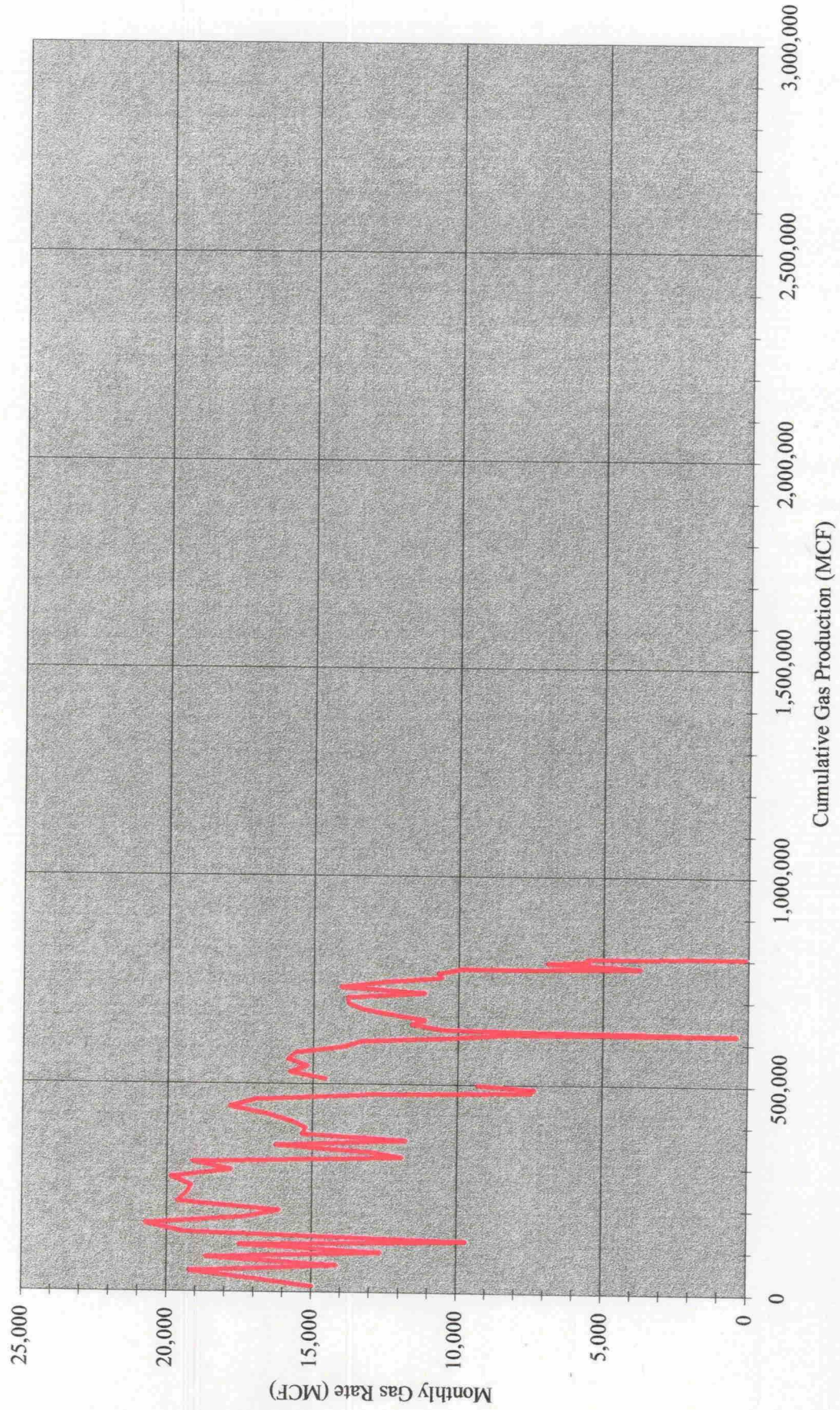


State Et Gas Com No. 1  
Diamond Mound (Morrow) Field  
Matador Operating Co



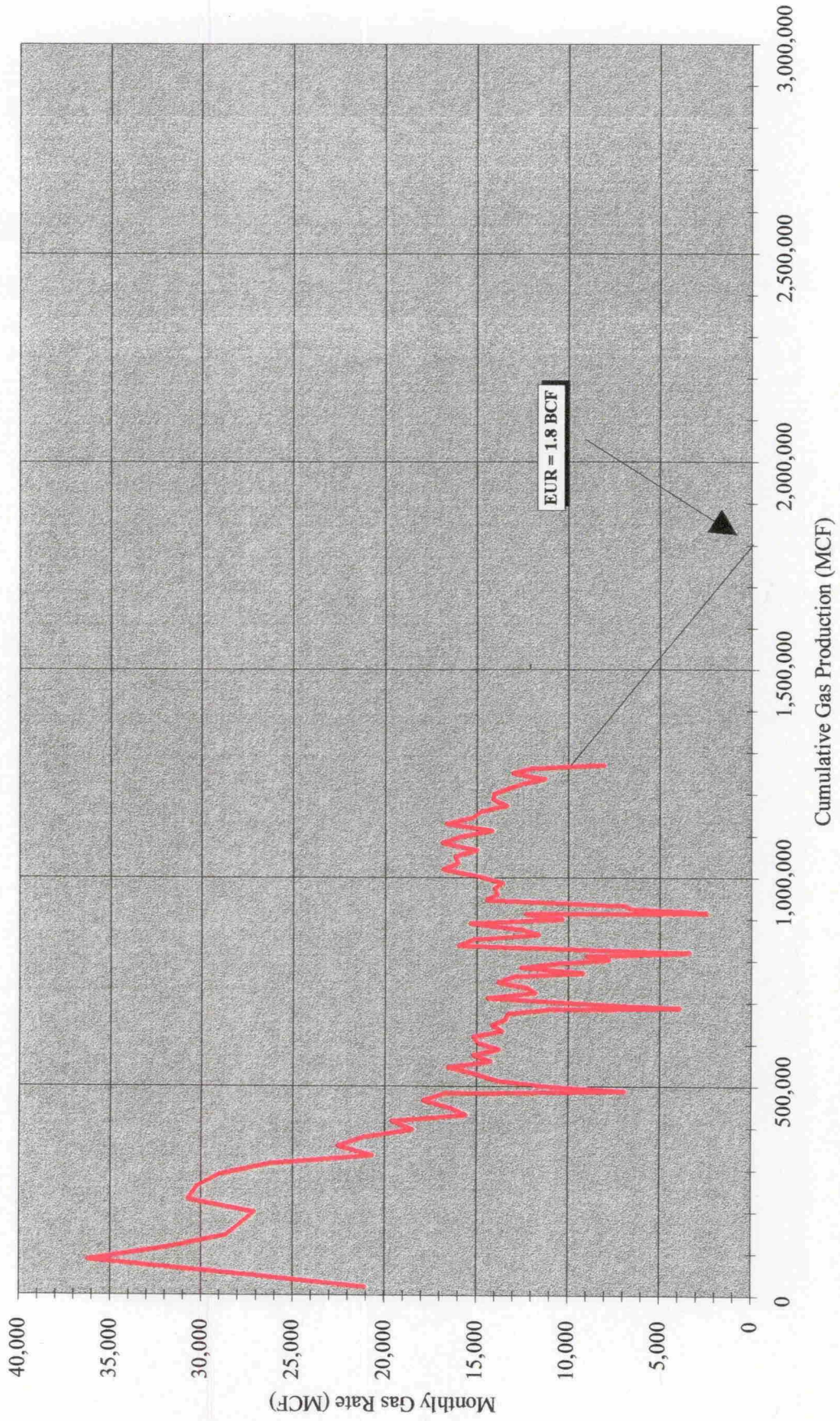


State Et No. 1  
Diamond Mound (Morrow) Field  
Matador Operating Co



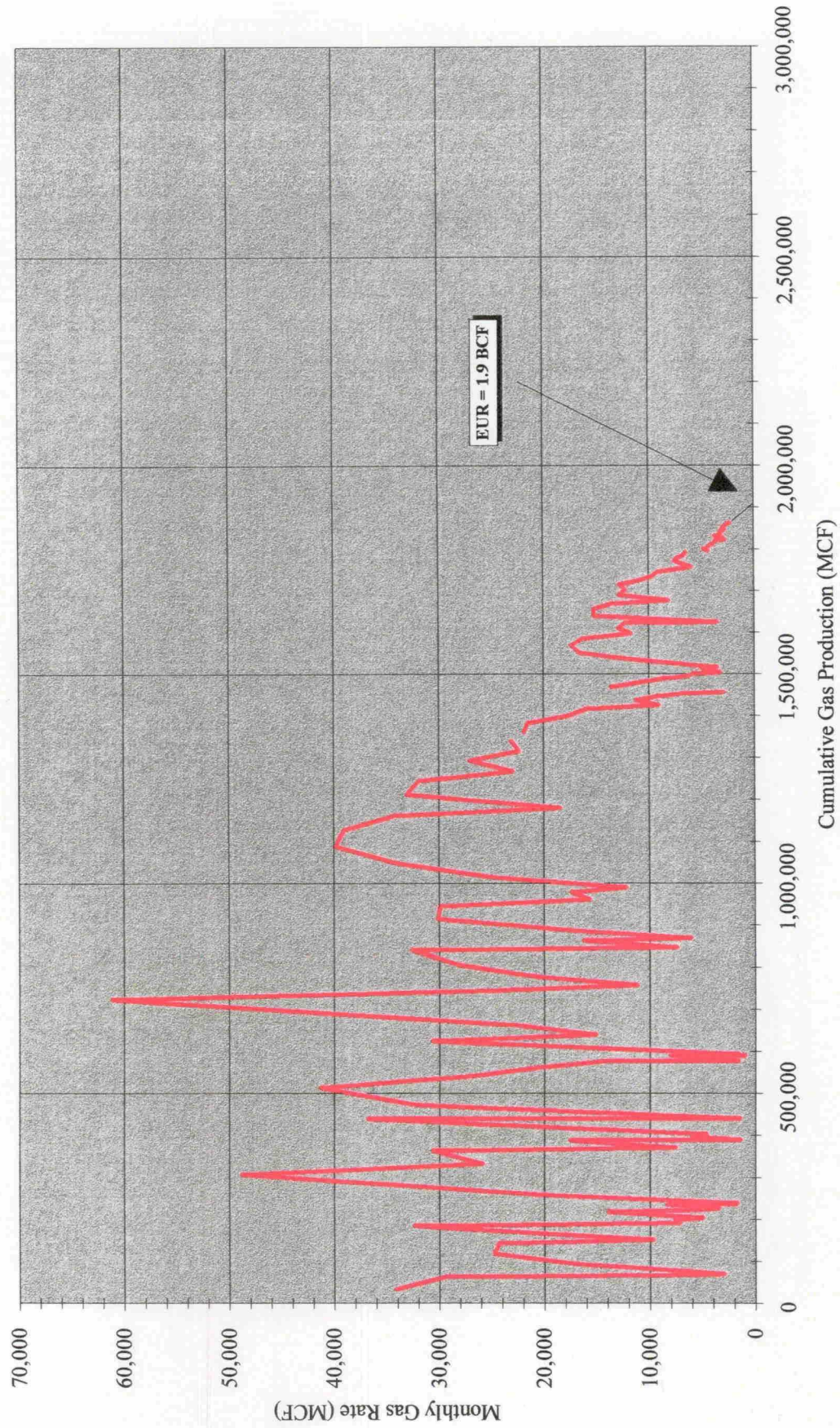


State Et No. 2  
Diamond Mound (Morrow) Field  
Matador Operating Co



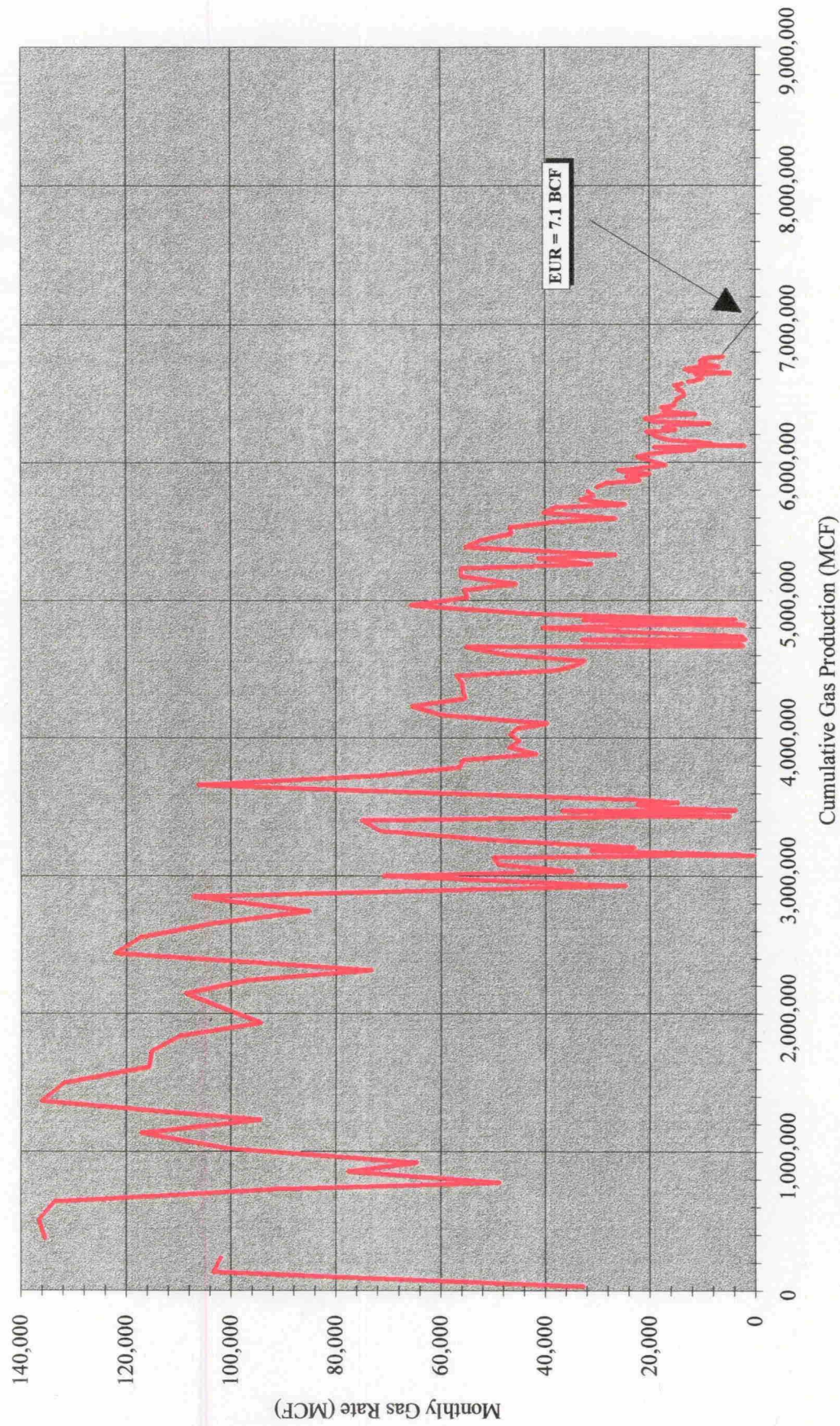


Depco Federal No. 2  
Diamond Mound (Morrow) Field  
U M C Petroleum Corp



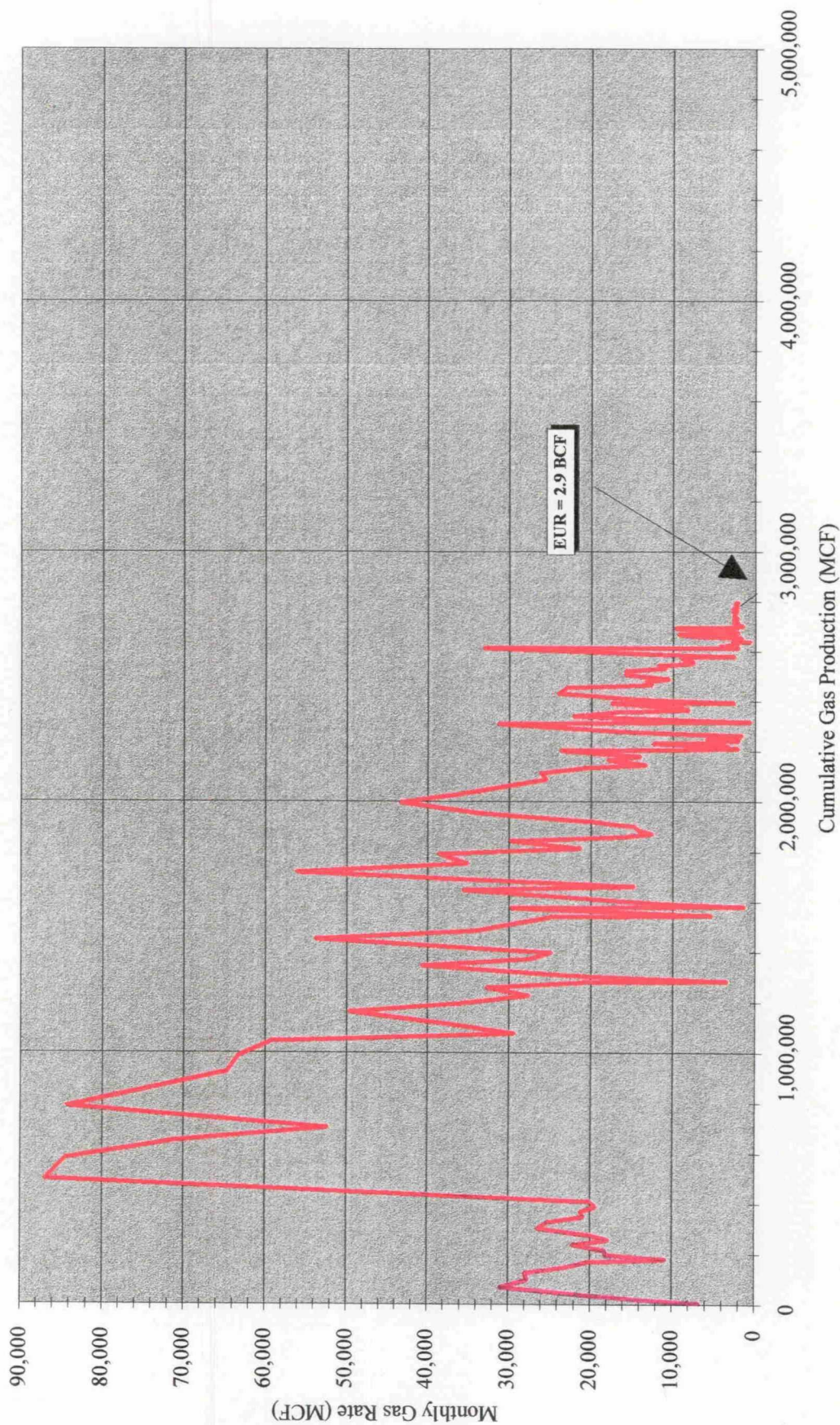


Derrick Federal No. 2  
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U M C Petroleum Corp



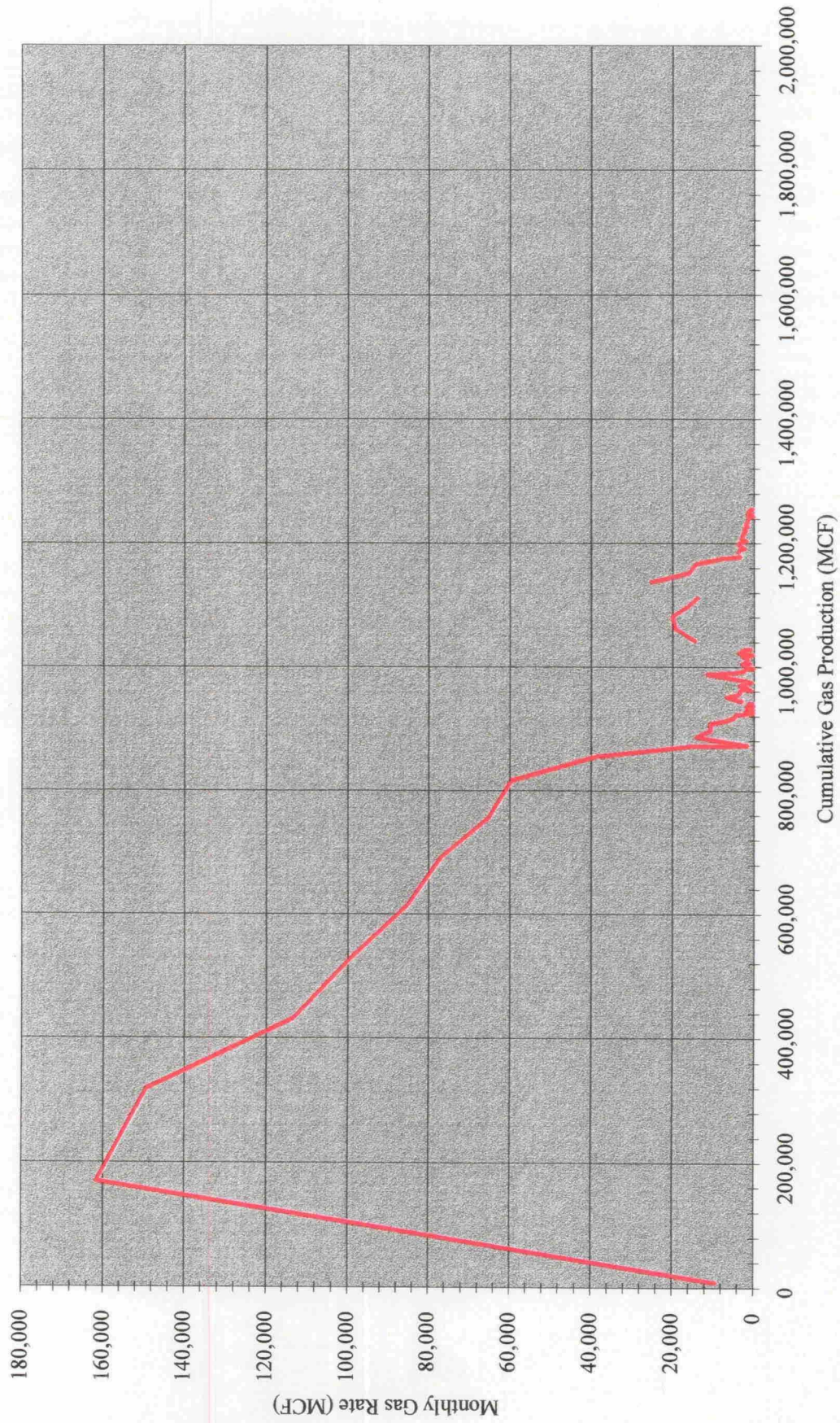


Derrick Federal No. 1  
Diamond Mound (Morrow) Field  
U M C Petroleum Corp





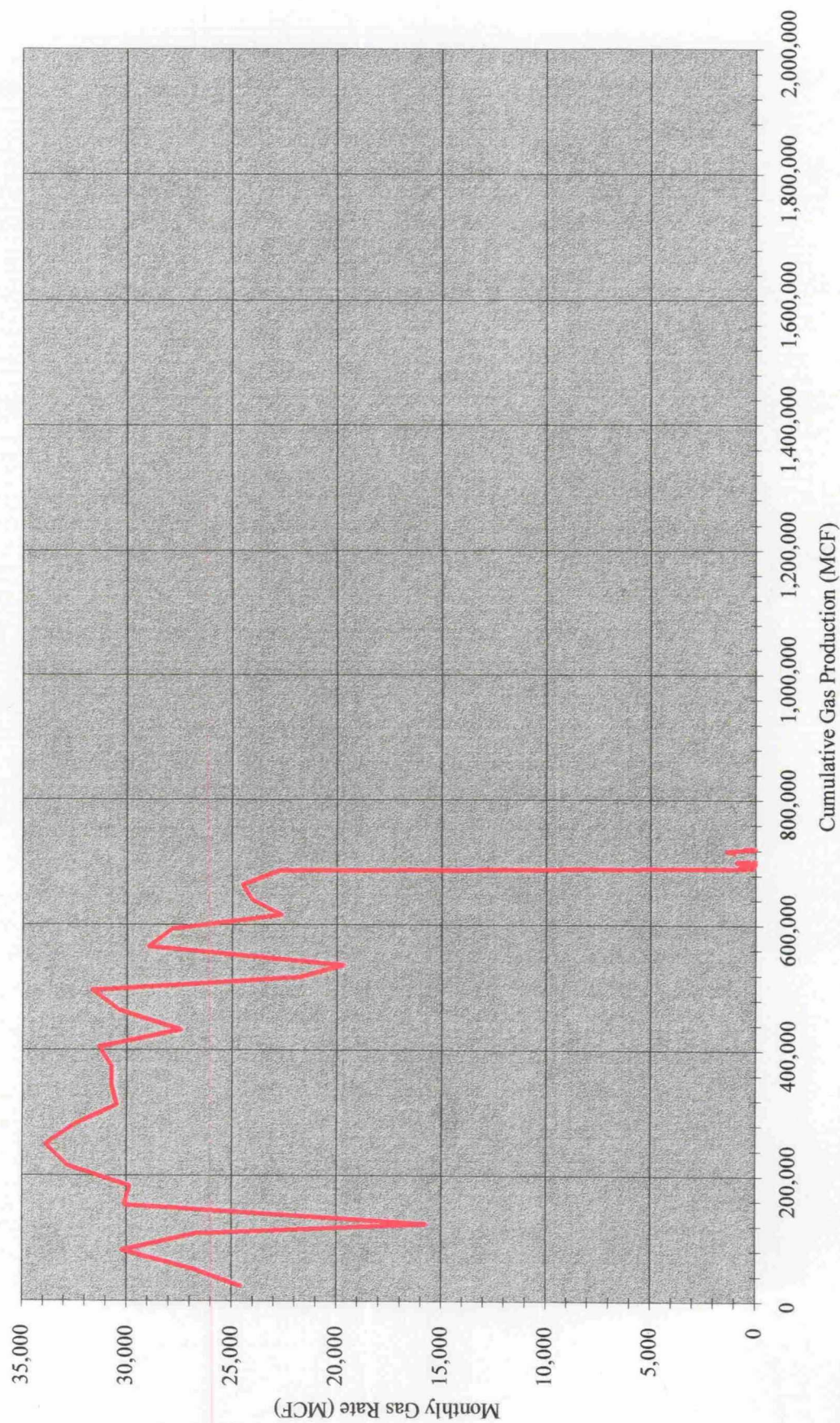
Callaway Federal No. 2  
Diamond Mound (Morrow) Field  
Matador Operating Co



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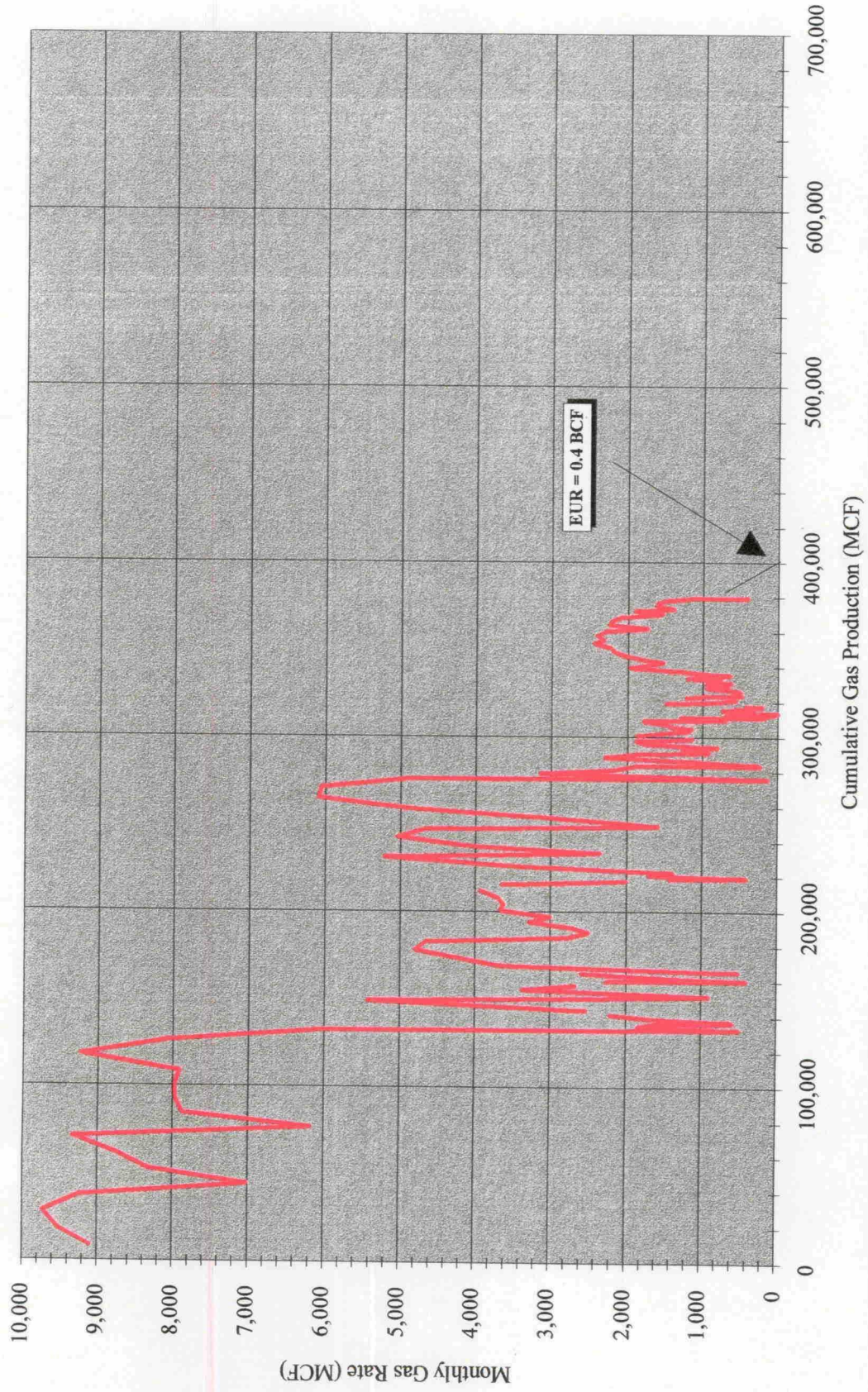


Callaway Federal No. 1  
Diamond Mound (Morrow) Field  
Matador Operating Co





Callaway Federal No. 3  
Diamond Mound (Morrow) Field  
Matador Operating Co





## Estimated Ultimate Recovery Decline Curve Analysis

Section	Well	Cumulative Gas (through 3/96) (BCF)	Decline Curve EUR (BCF)	Total Section Recoverable Reserves (BCF)	Recoverable Reserves Unproduced From Existing Wells (BCF)
26	Harris Federal #4	0.6	0.7		
	Harris Federal #8	5.5	8.0		
	<b>Section Total</b>	6.1	8.7	17.4	8.7
35	White State #1	3.6	5.2		
	White State #2	5.5	9.0		
	<b>Section Total</b>	9.1	14.2	12.0	-2.2