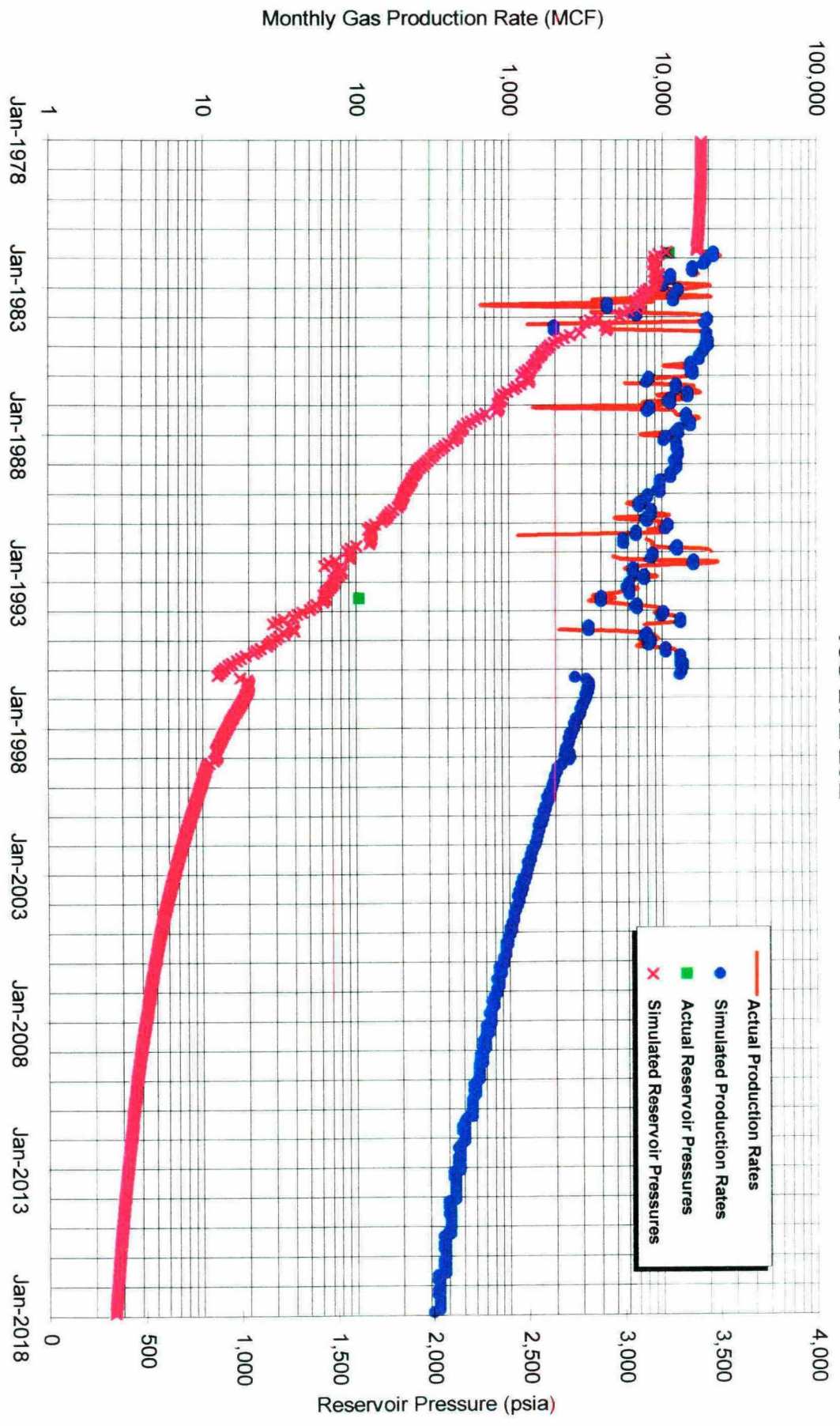
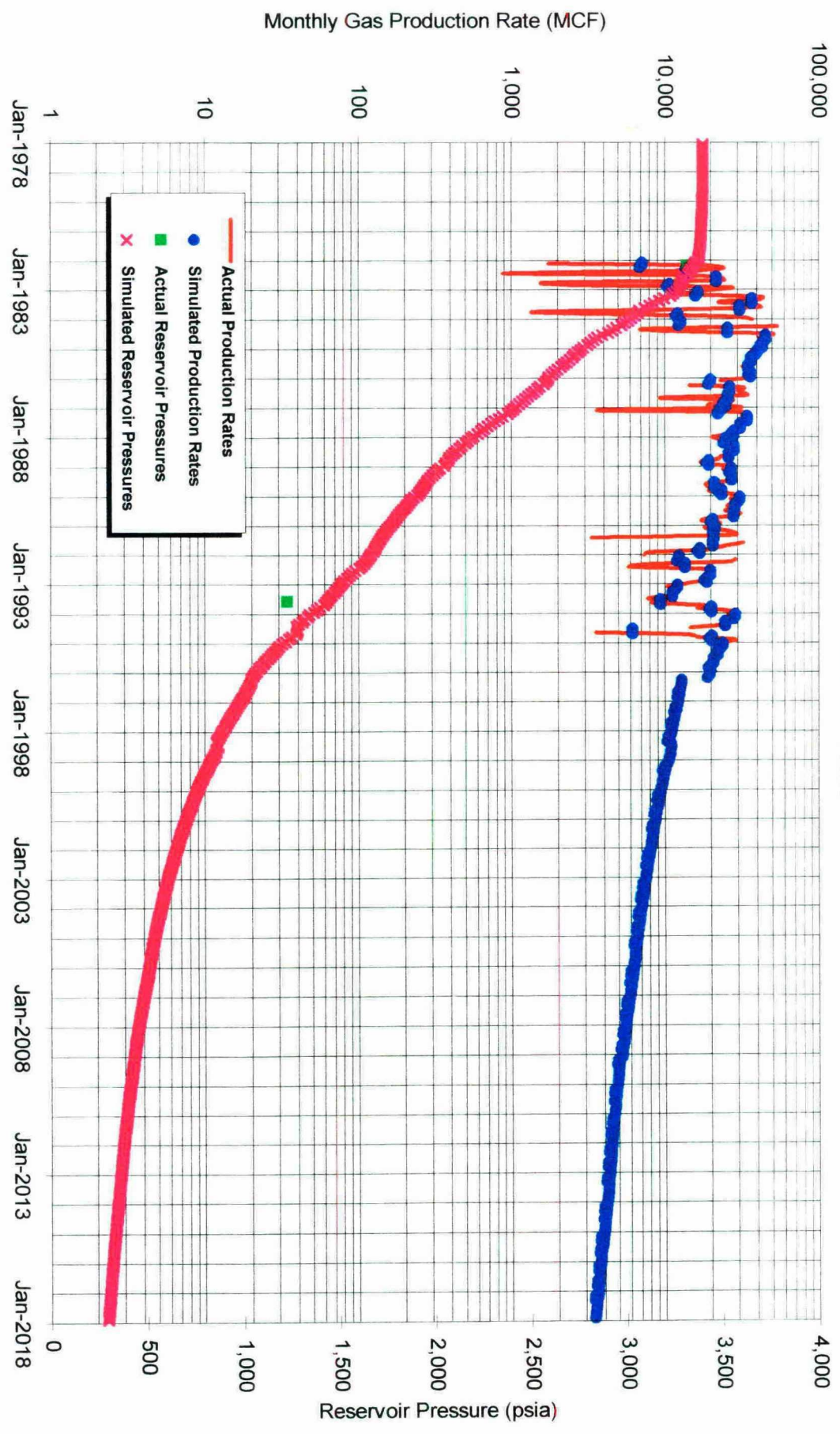


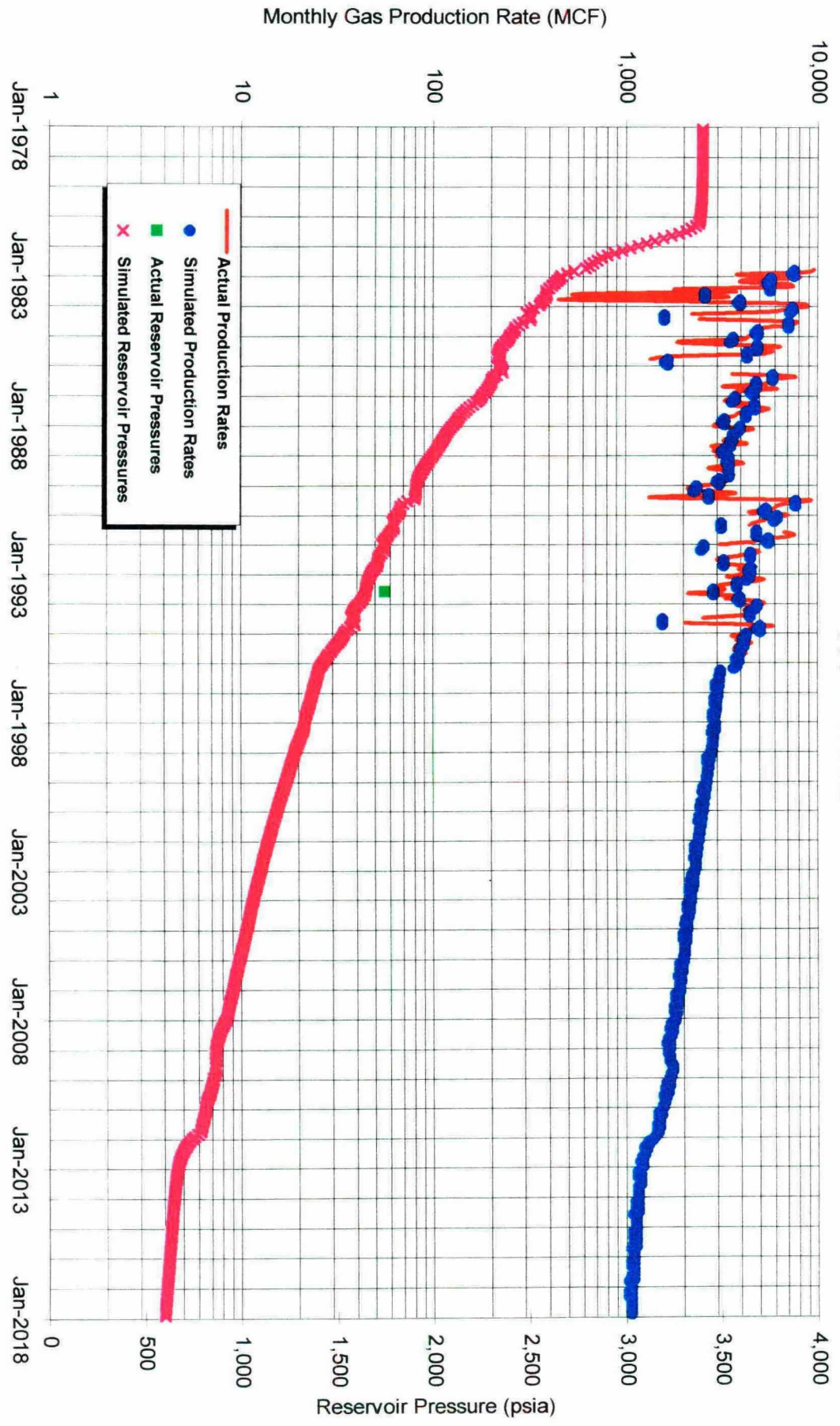
**Reservoir Simulation History Match Data**  
**Harris Federal No. 5**  
**15S 27E 25E**



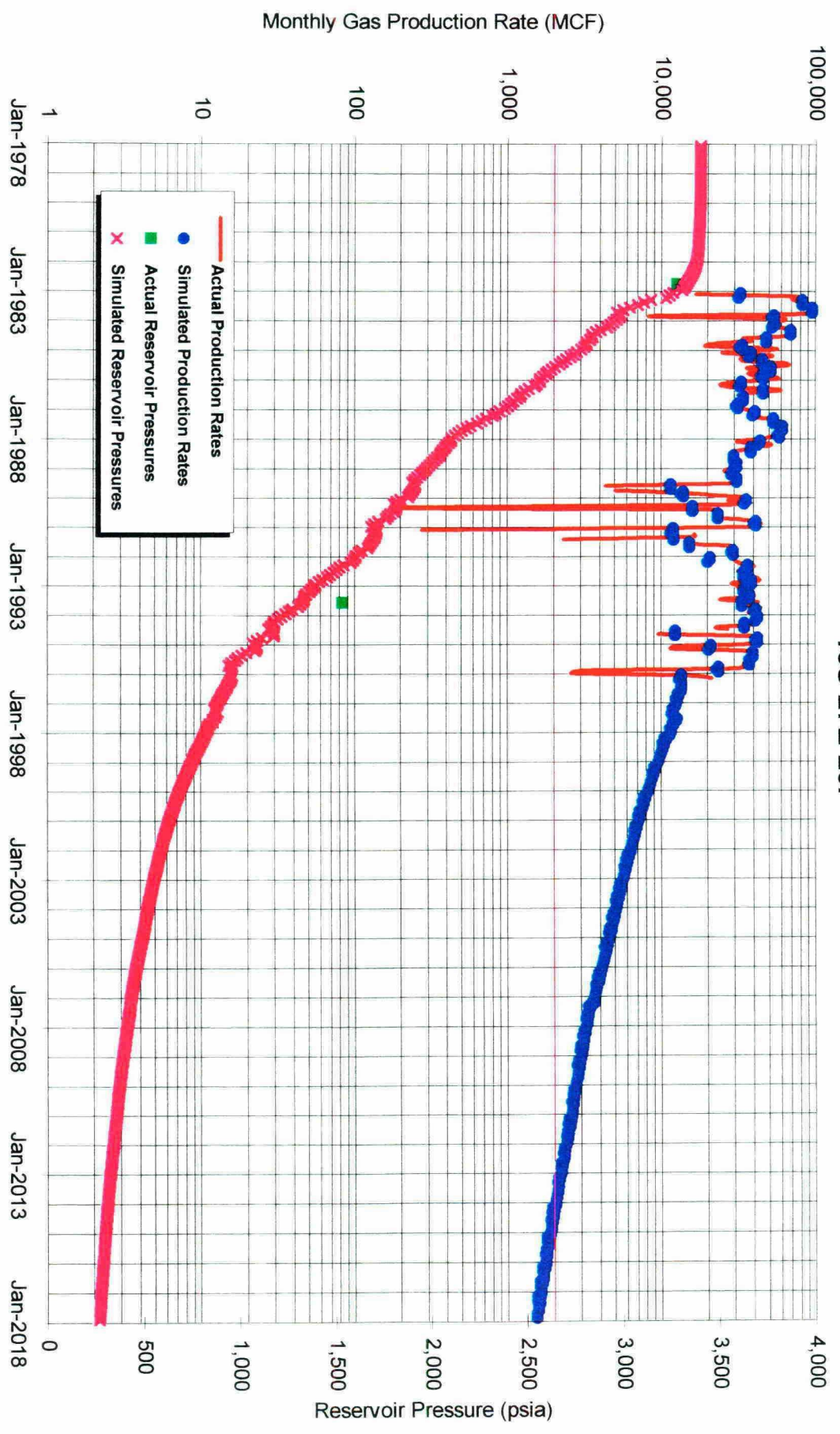
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**Harris Federal No. 6**  
**15S 27E 231**



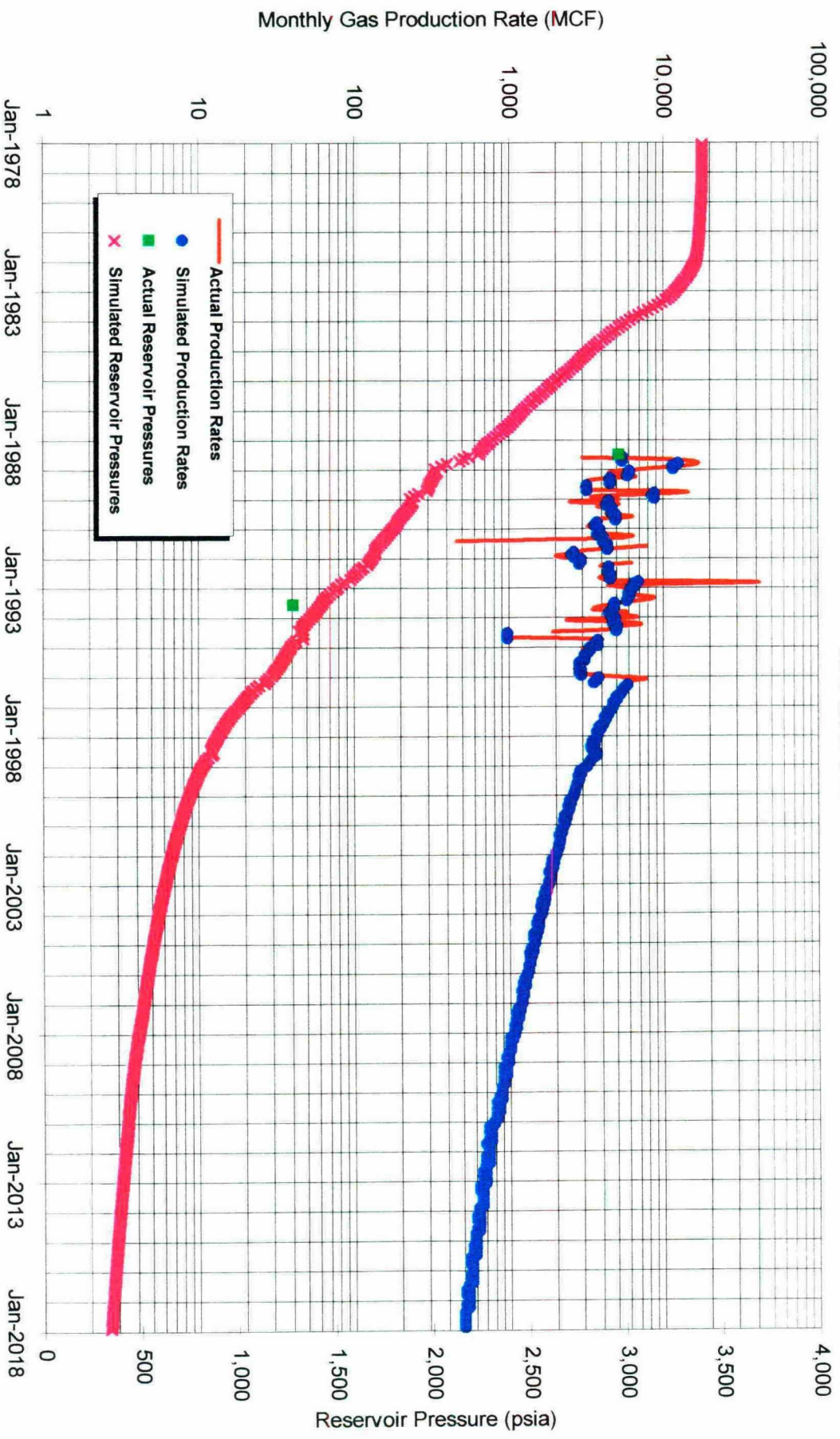
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Harris Federal No. 7  
15S 27E 34G



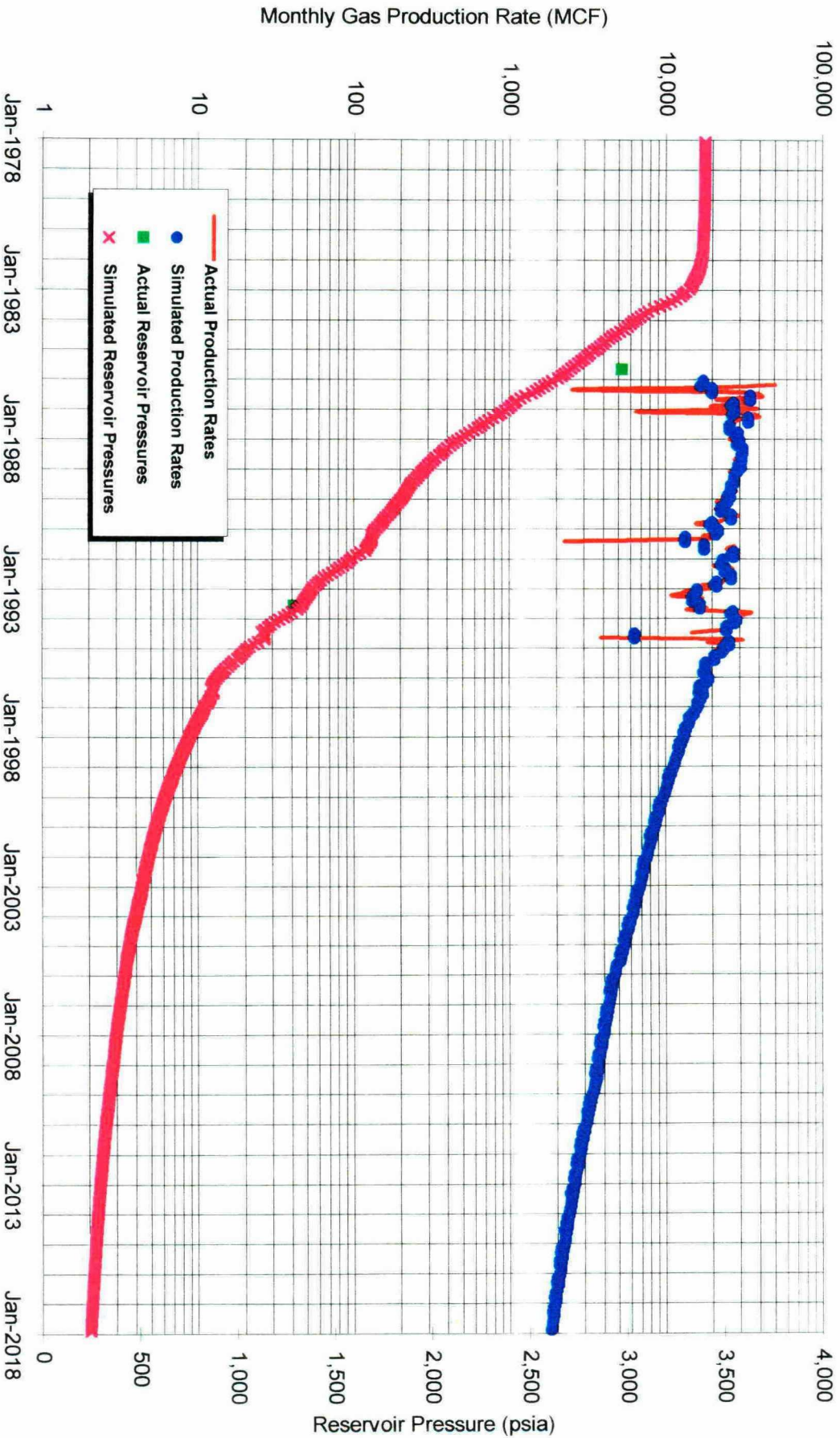
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**Harris Federal No. 9**  
**15S 27E 23F**



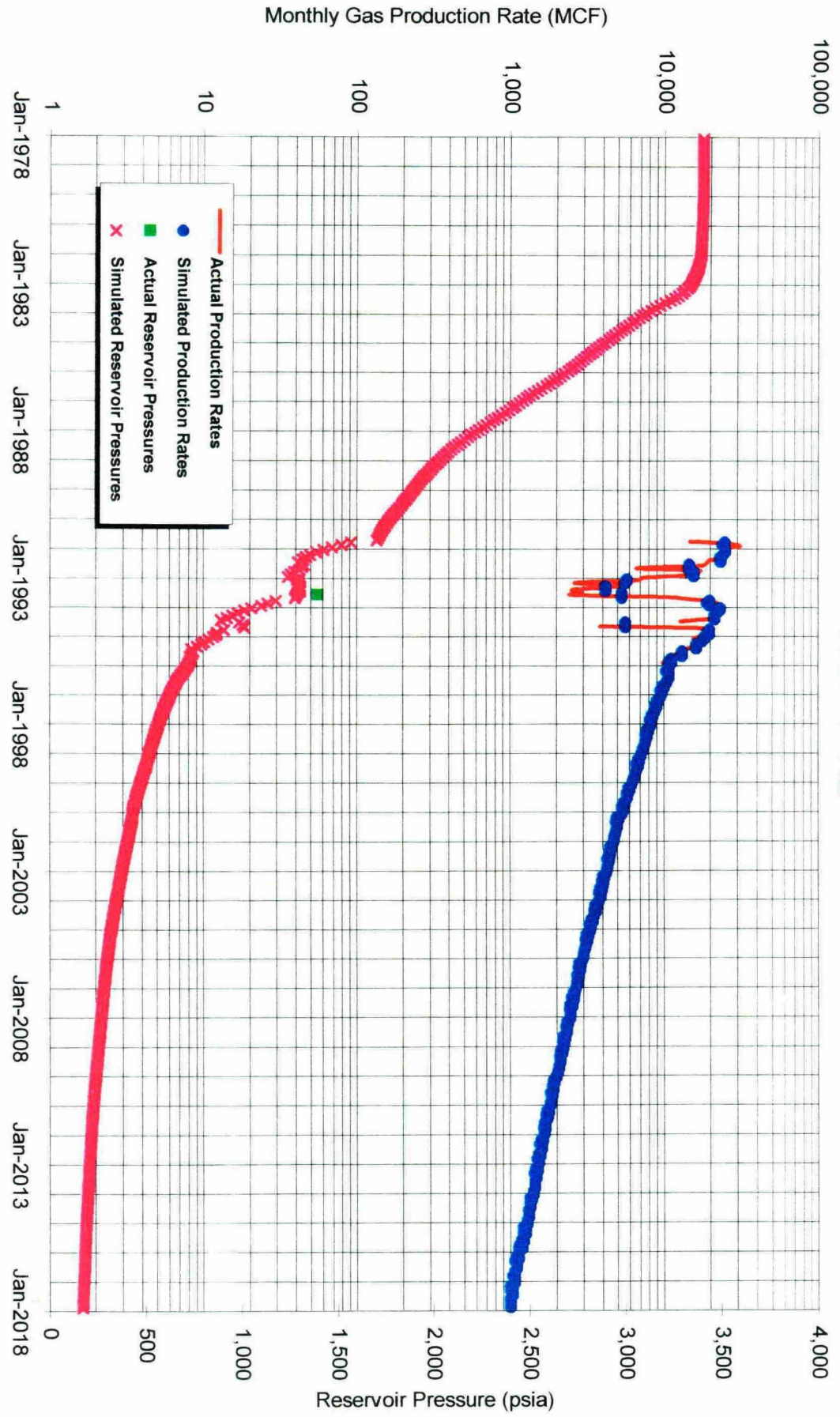
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Harris Federal No. 10  
15S 27E 221



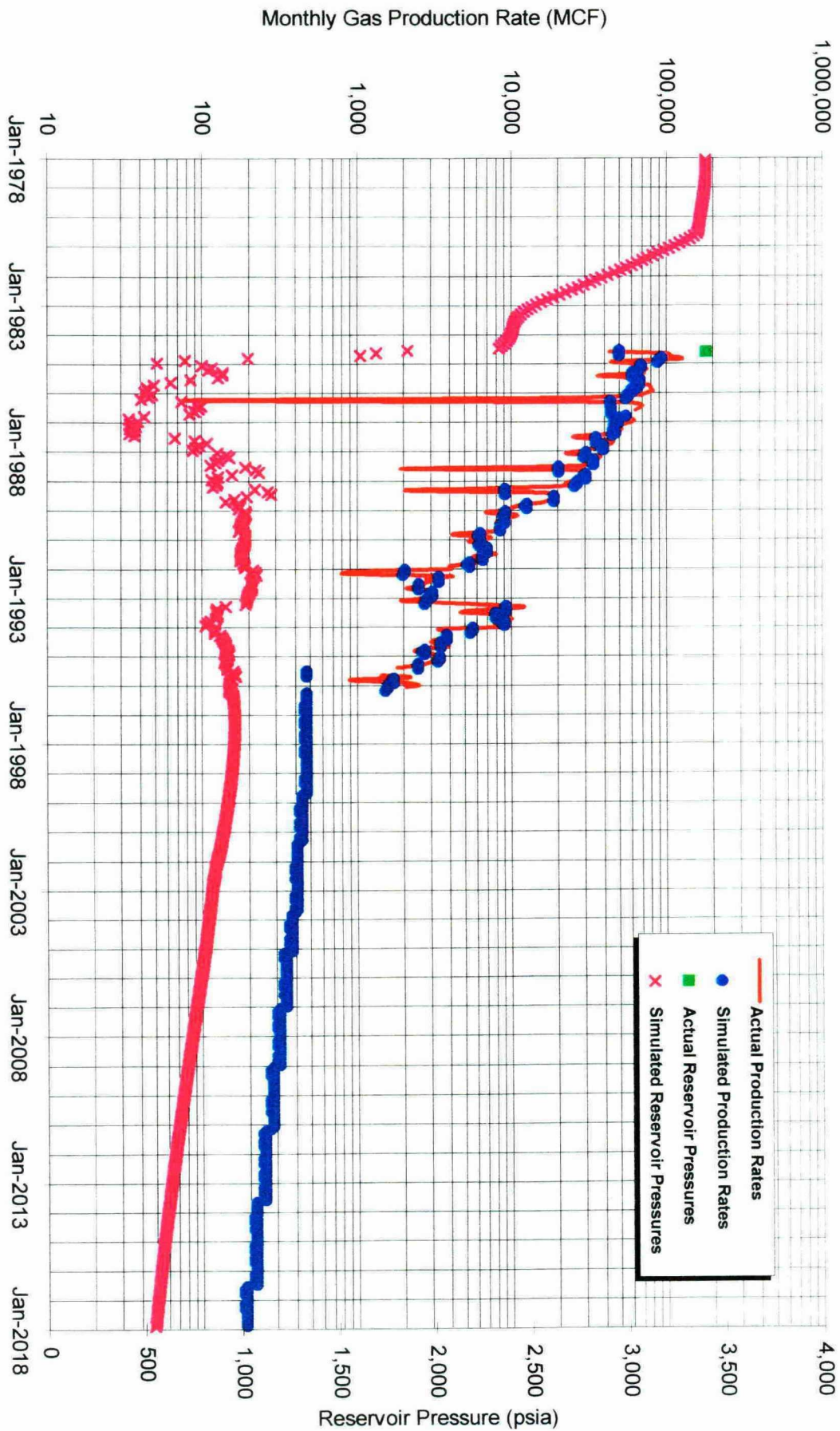
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Langlie Federal Com No. 3  
15S 27E 140



**Reservoir Simulation History Match Data**  
**Langley Com No. 5**  
**15S 27E 14E**

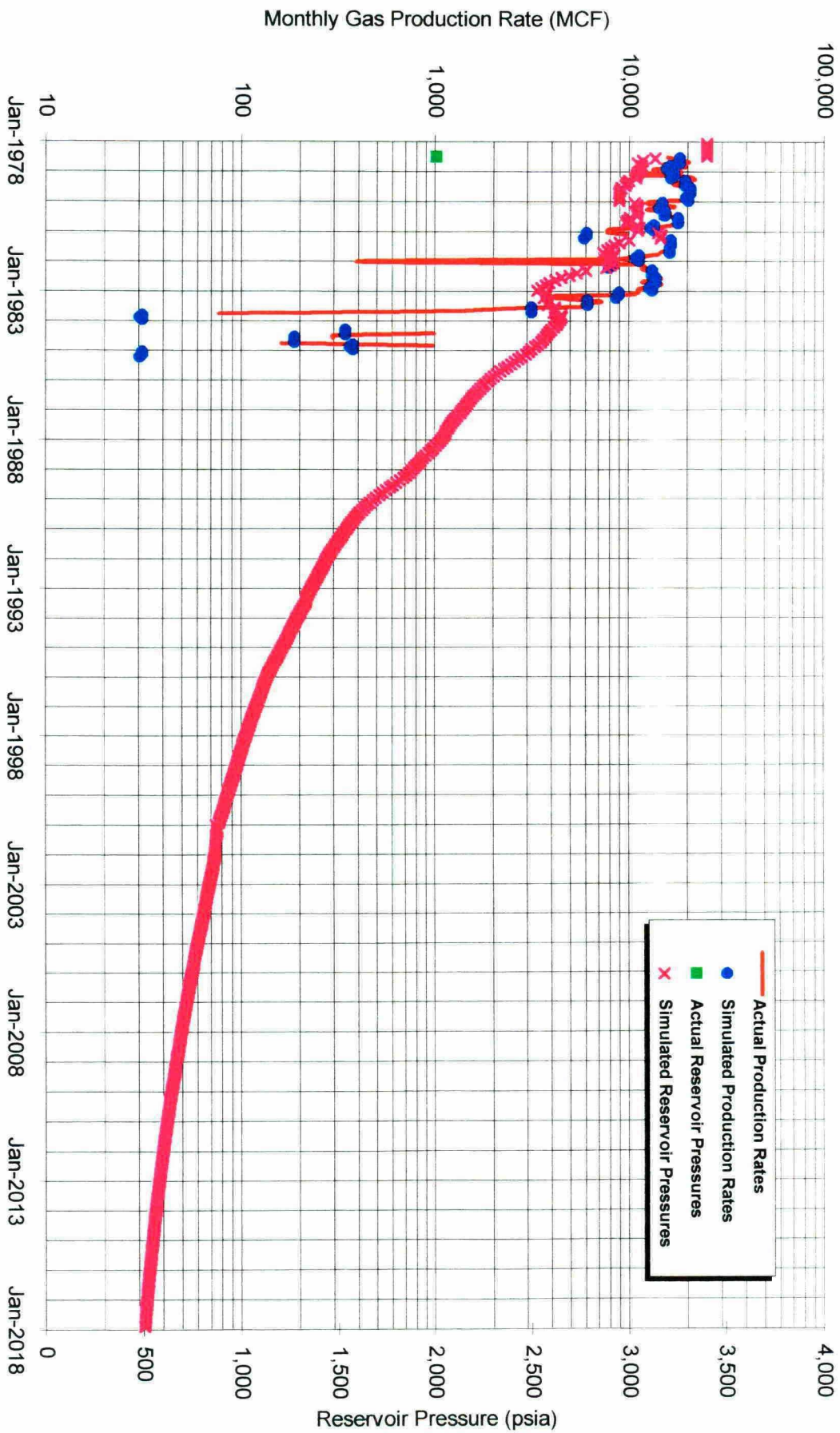


**Reservoir Simulation History Match Data**  
**State Et Com No. 1**  
**15S 27E 36J**

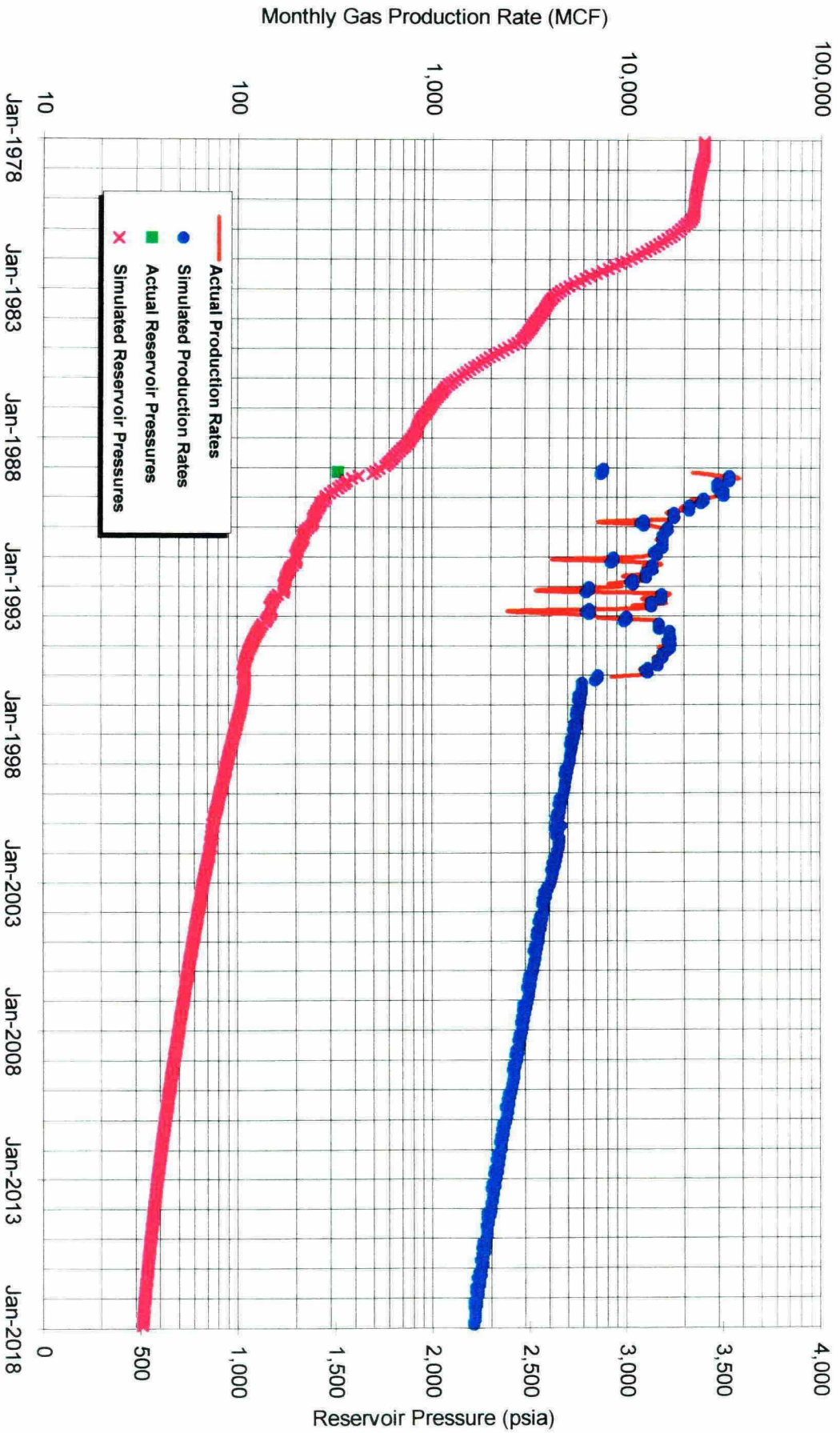




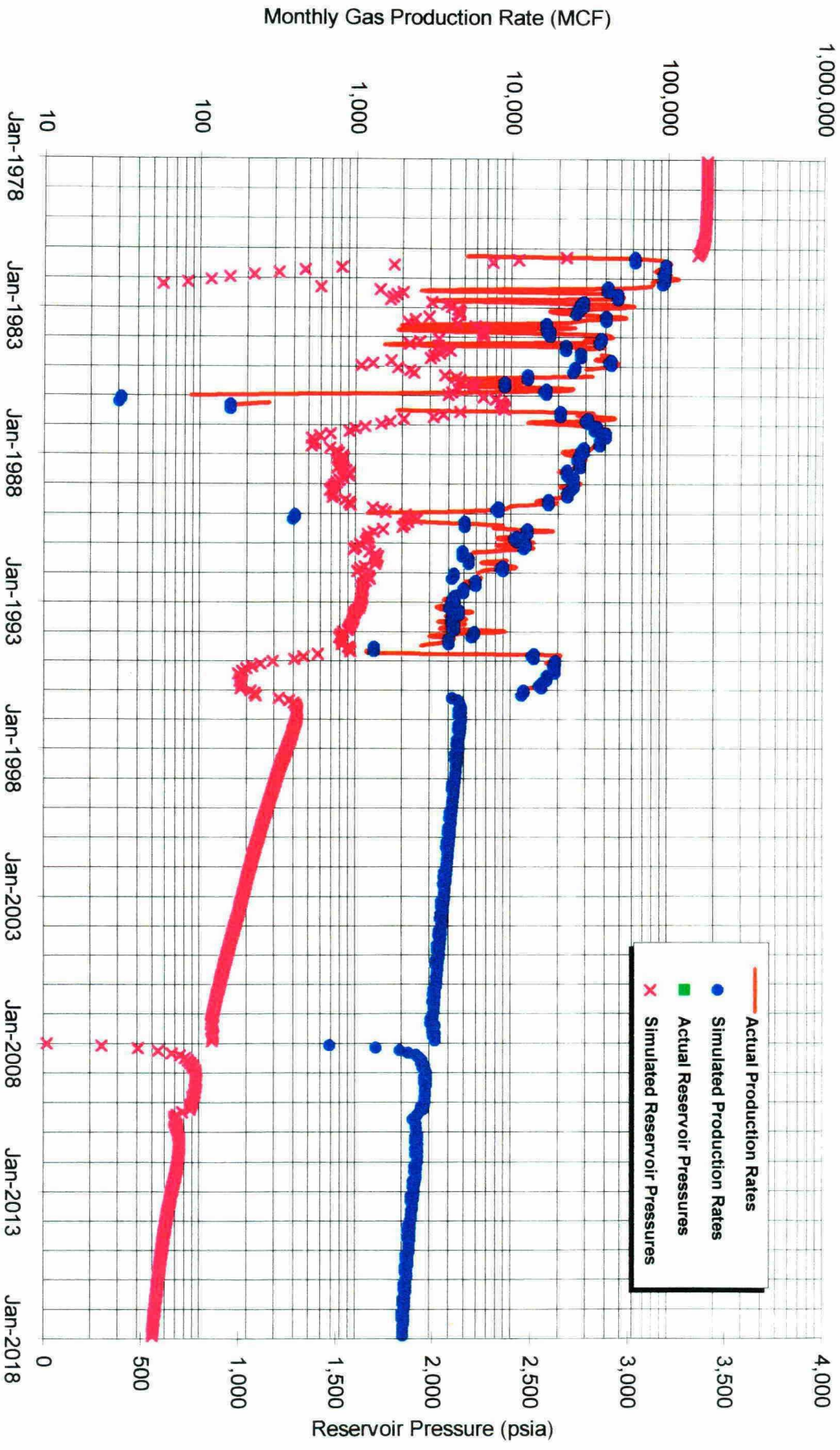
**Reservoir Simulation History Match Data**  
**State Et No. 1**  
**15S 27E 36C**



Reservoir Simulation History Match Data  
State Et No. 2  
15S 27E 36L



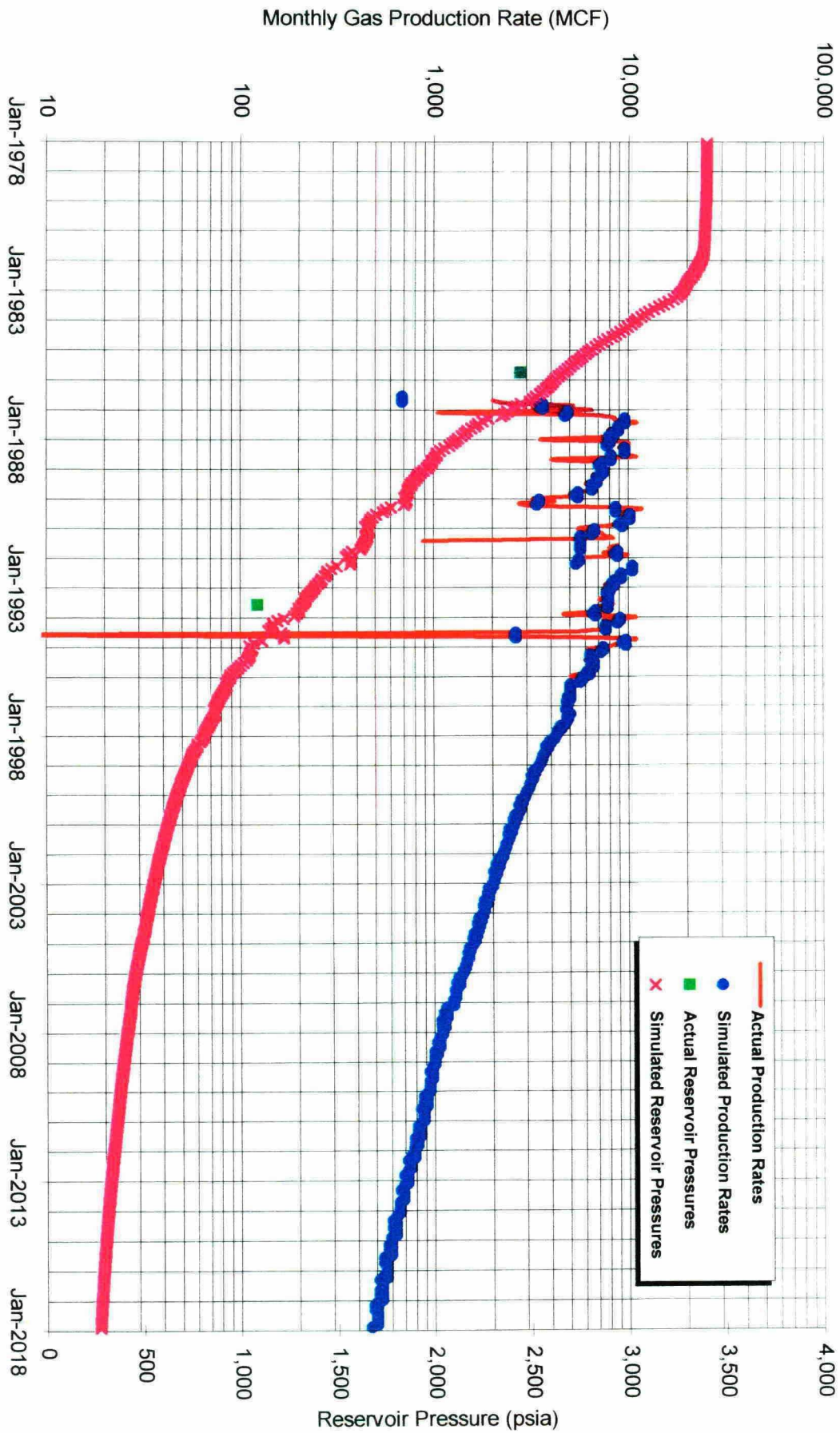
**Reservoir Simulation History Match Data**  
**Toles Federal No. 1**  
**15S 27E 34O**



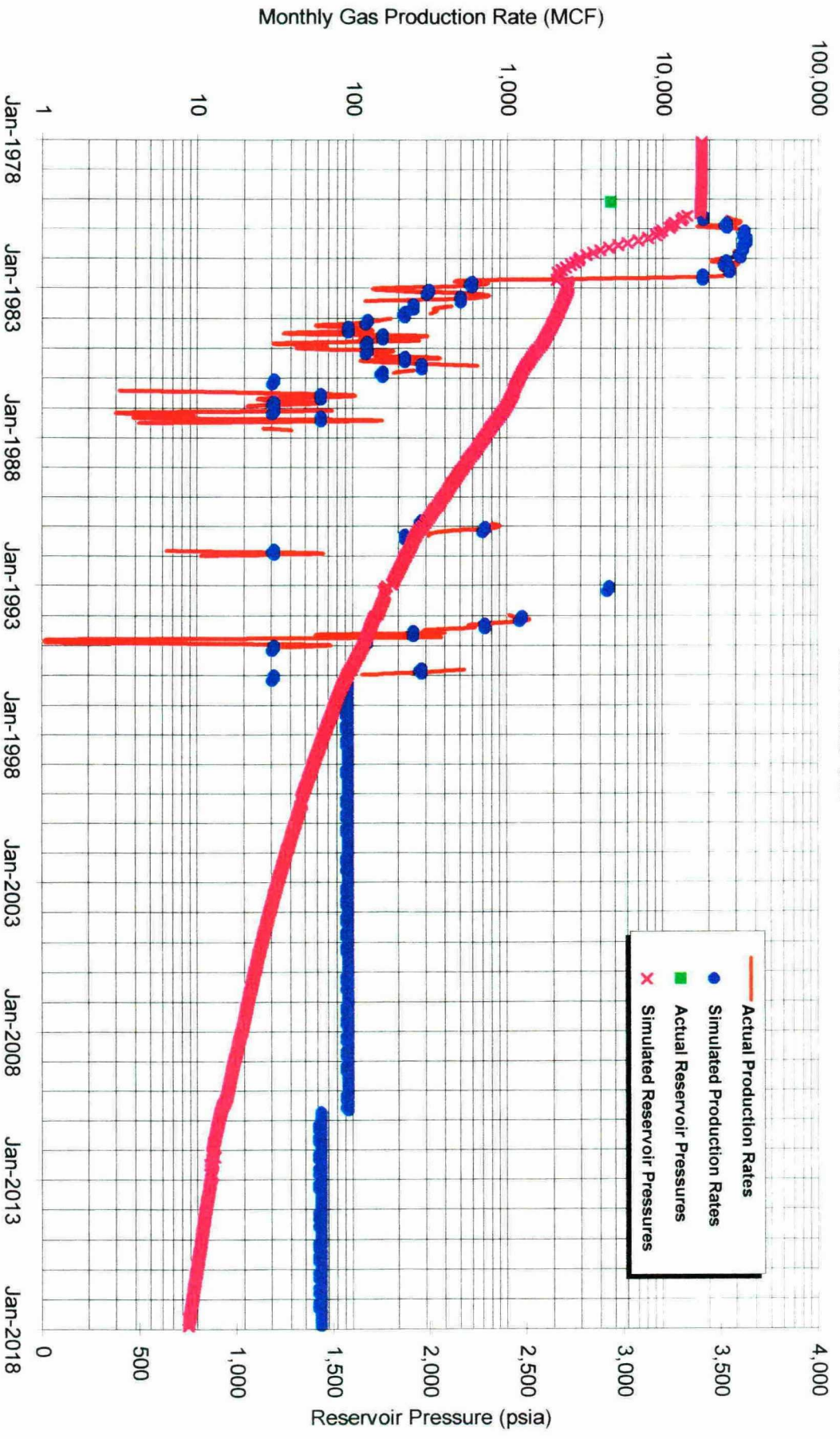
# Reservoir Simulation History Match Data

## Toles Federal No. 2

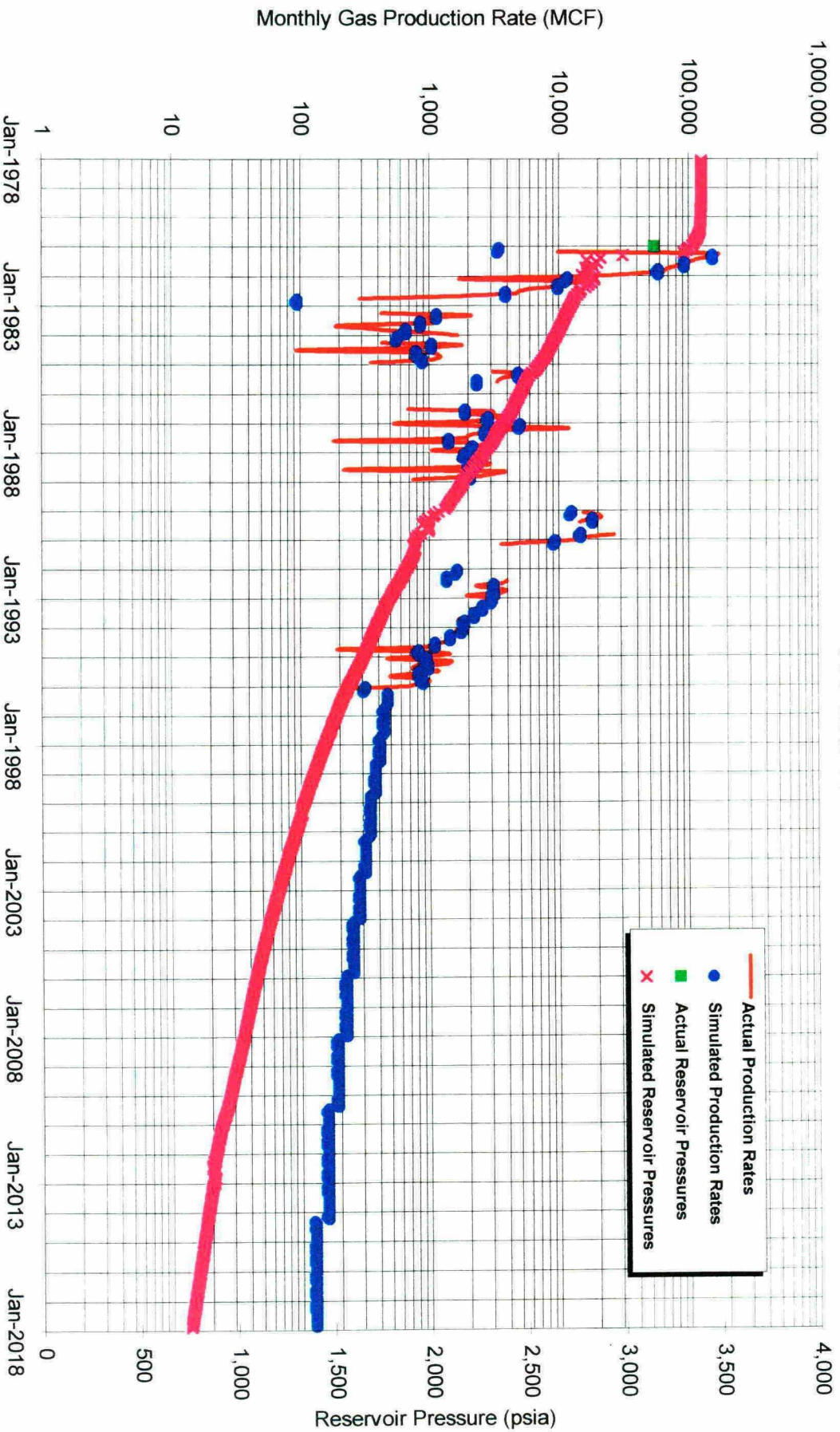
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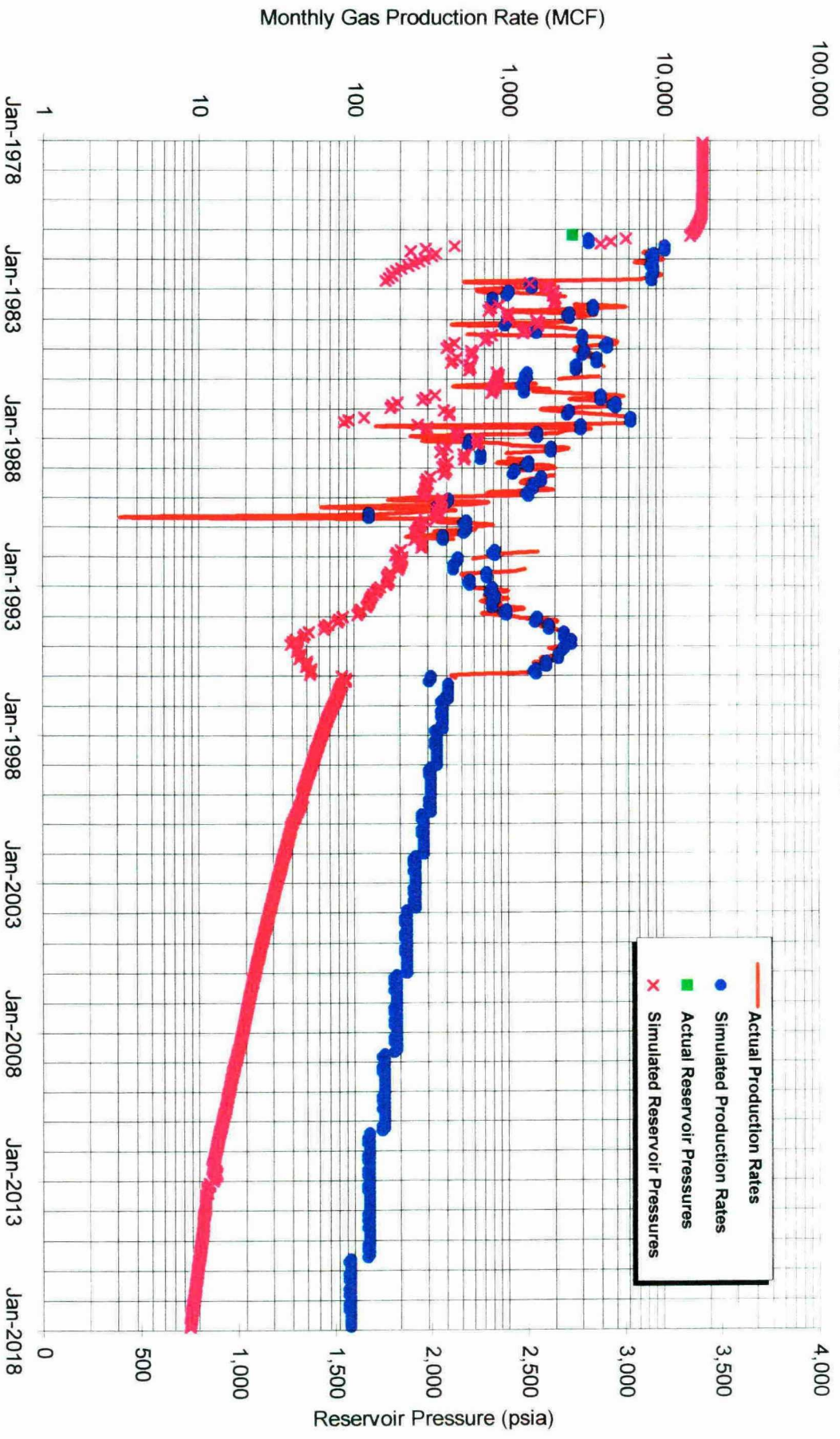
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**Callaway Federal No. 1**  
**16S 28E 6L**



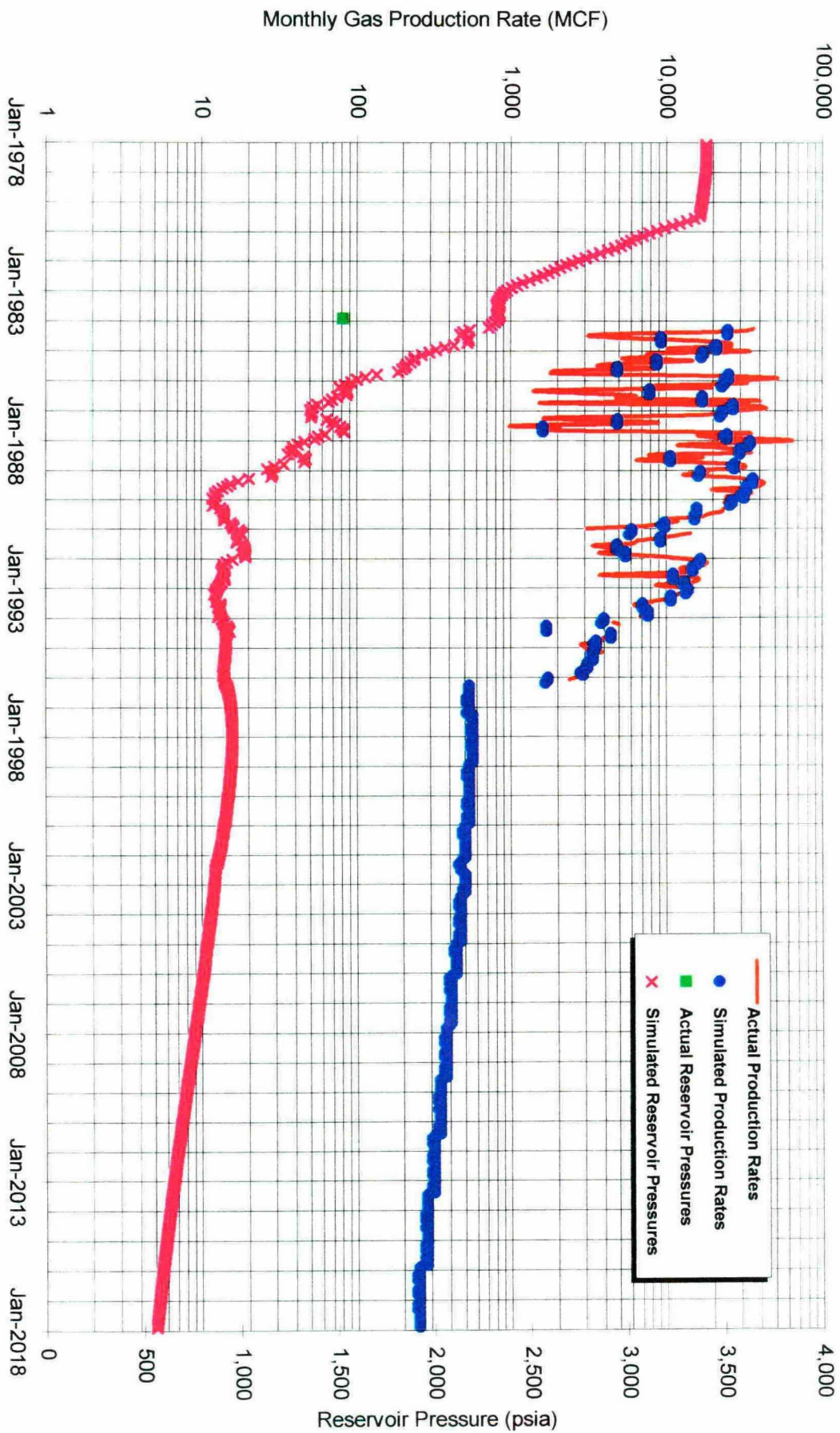
Reservoir Simulation History Match Data  
Callaway Federal No. 2  
16S 28E 6J



**Reservoir Simulation History Match Data**  
**Callaway Federal No. 3**  
**16S 28E 6S**

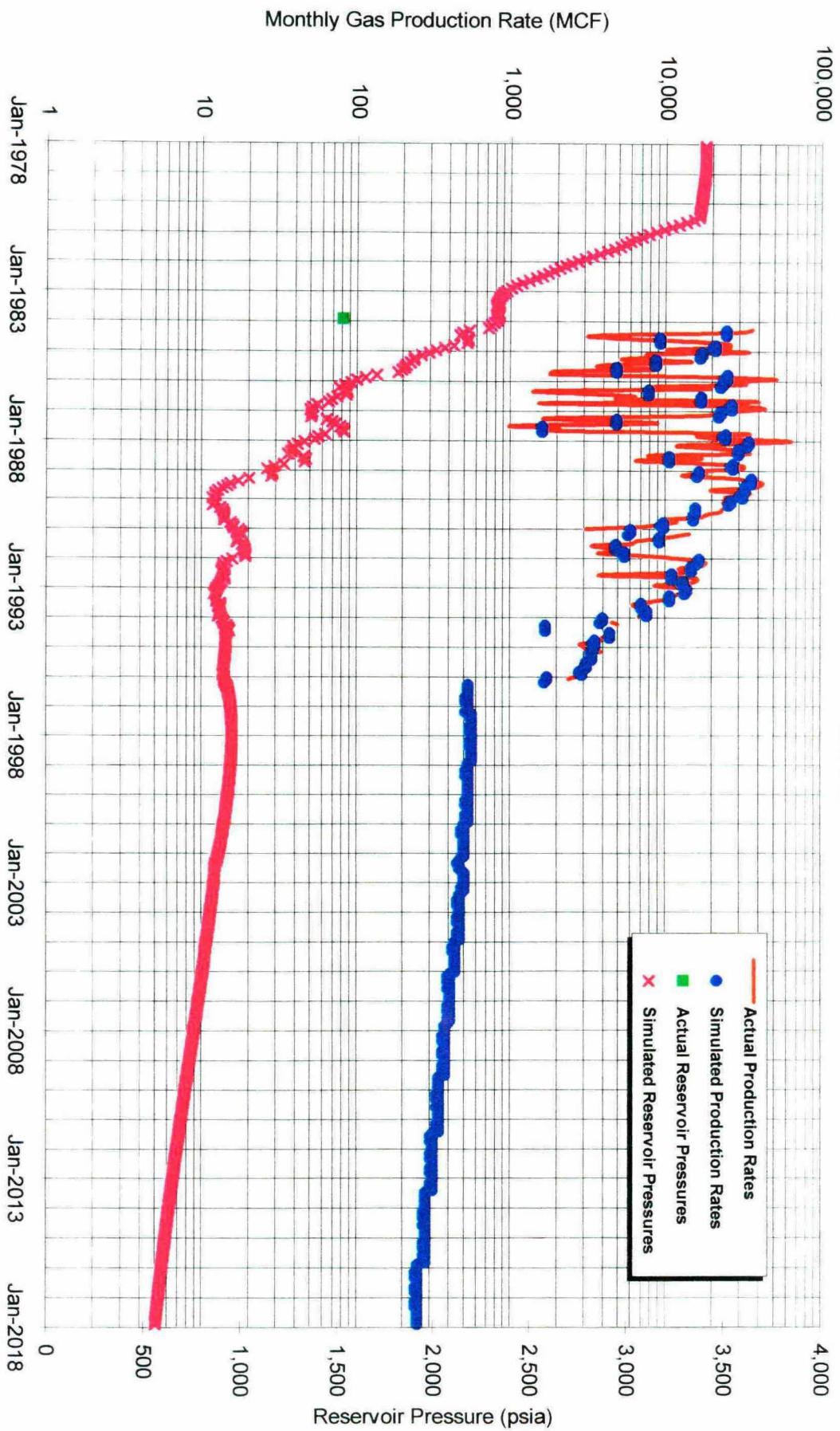


Reservoir Simulation History Match Data  
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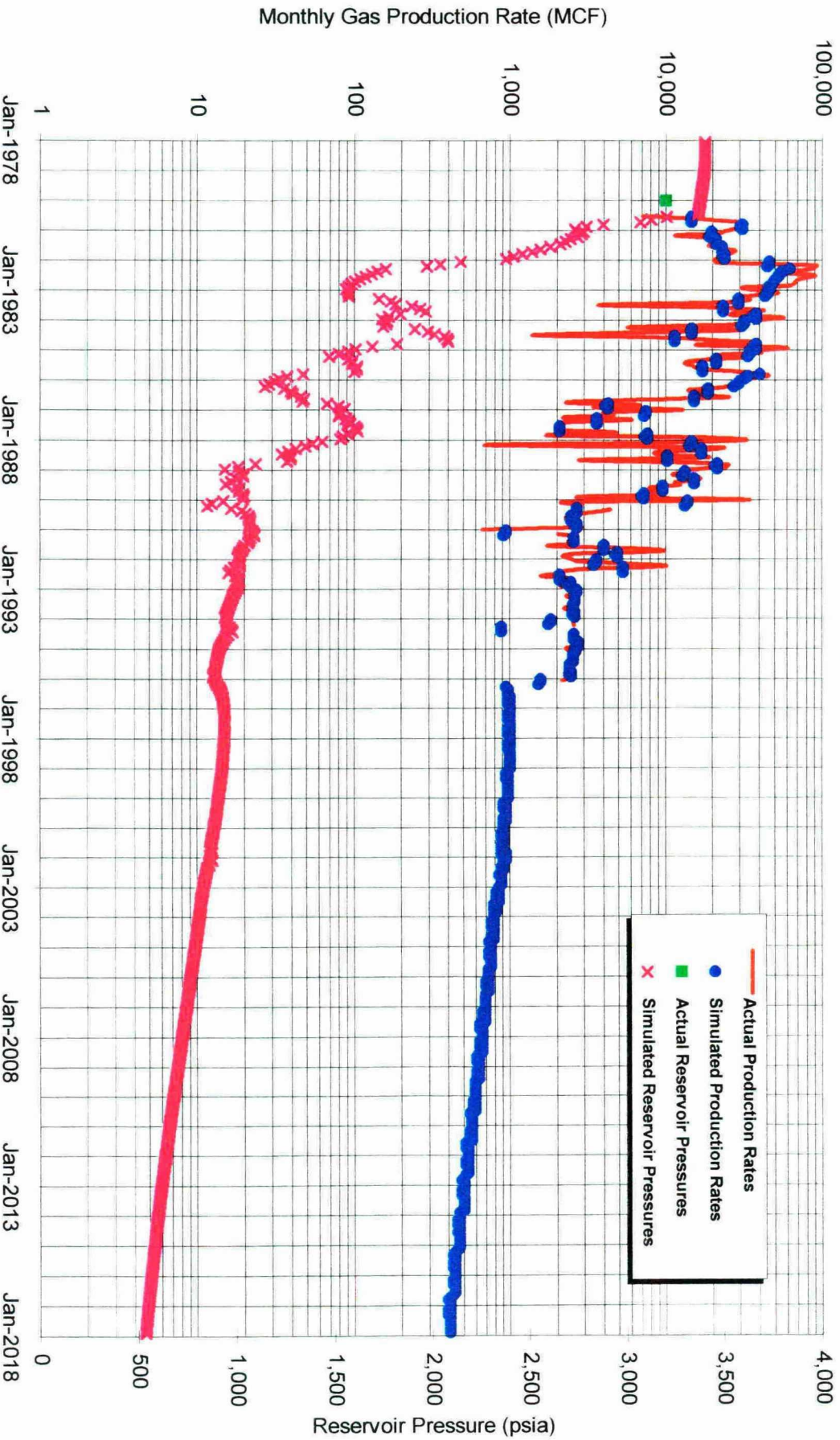




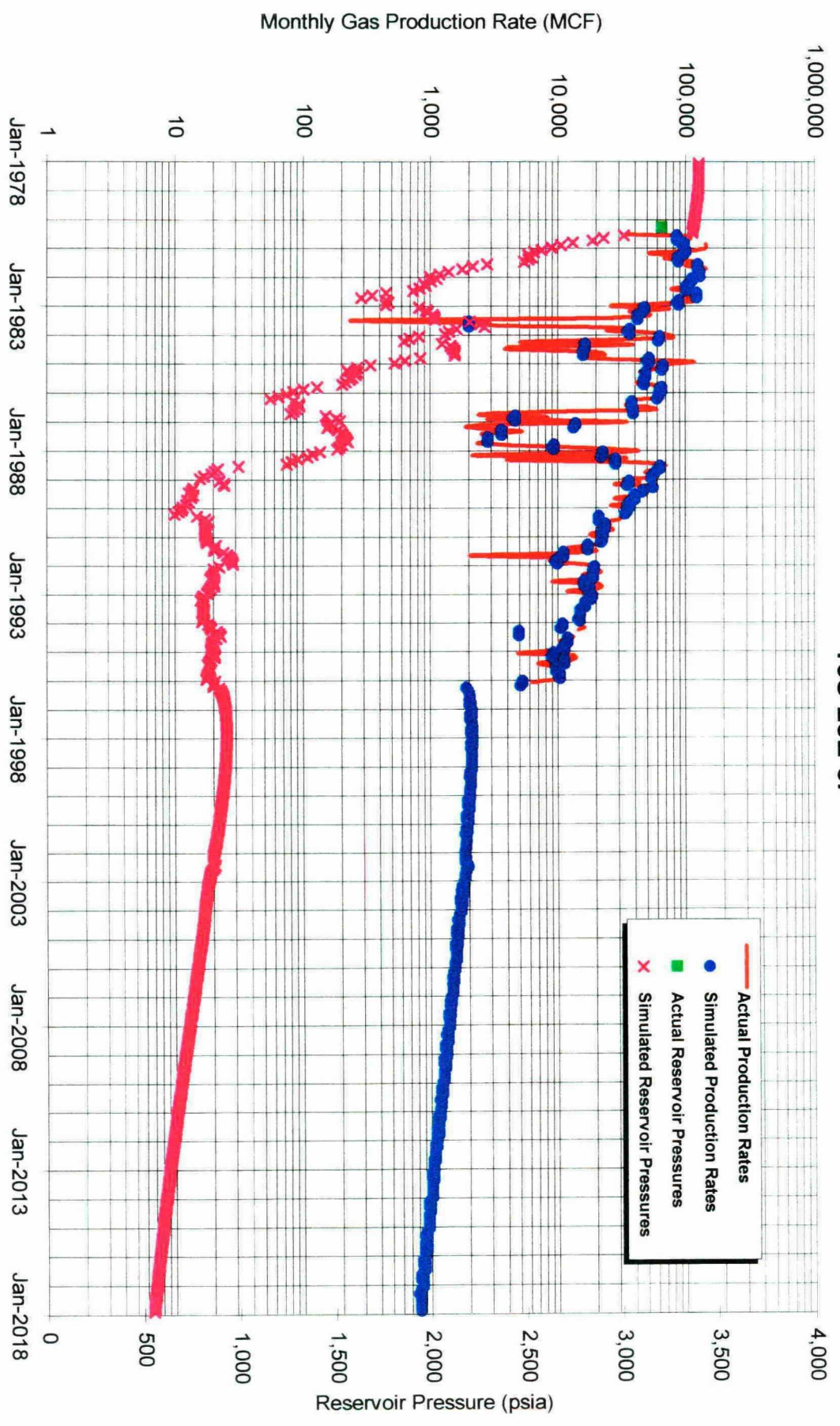
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DEPCO Federal No. 2  
16S 28E 4D



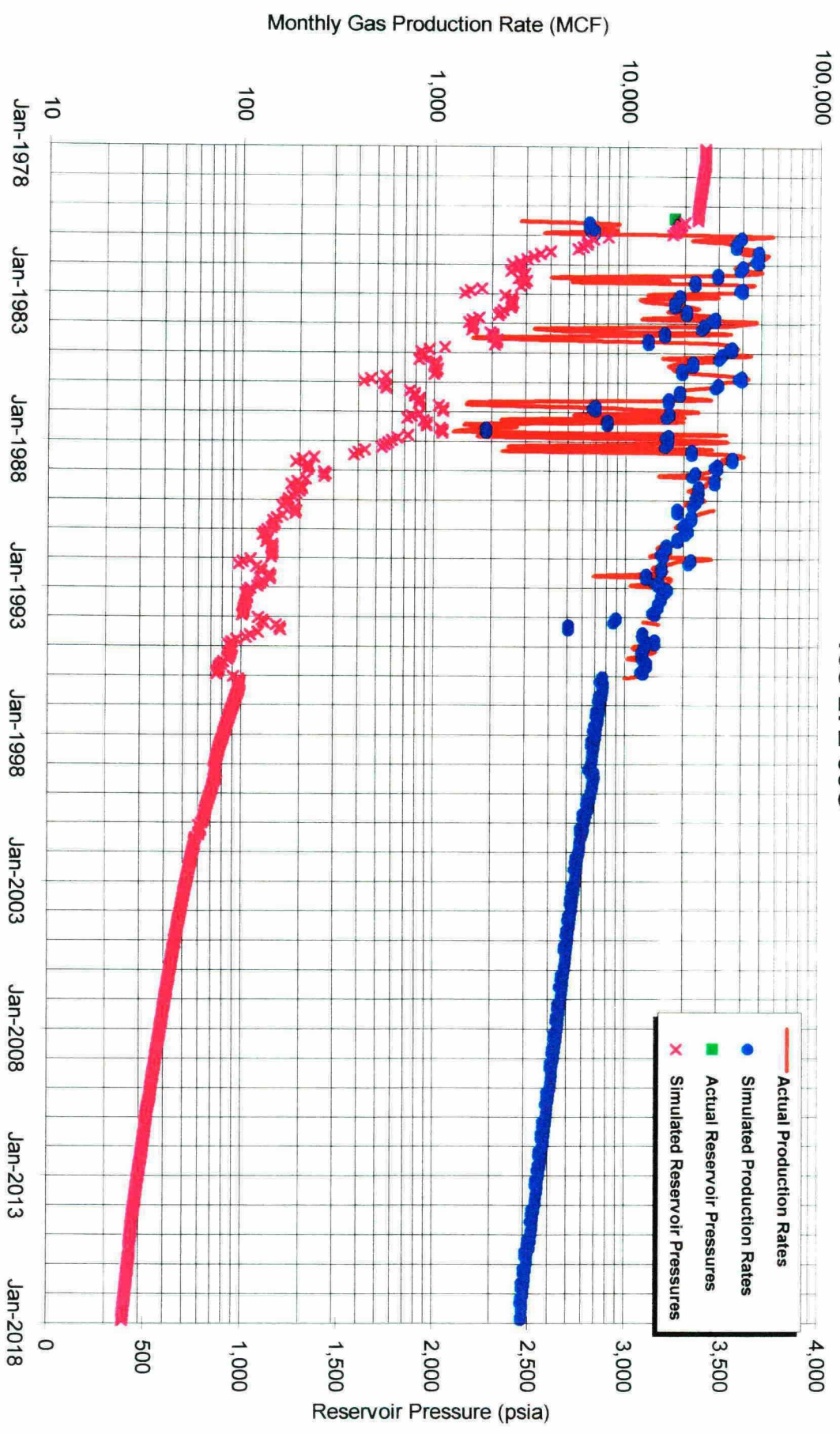
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Derrick Federal No. 1  
16S 28E 5K



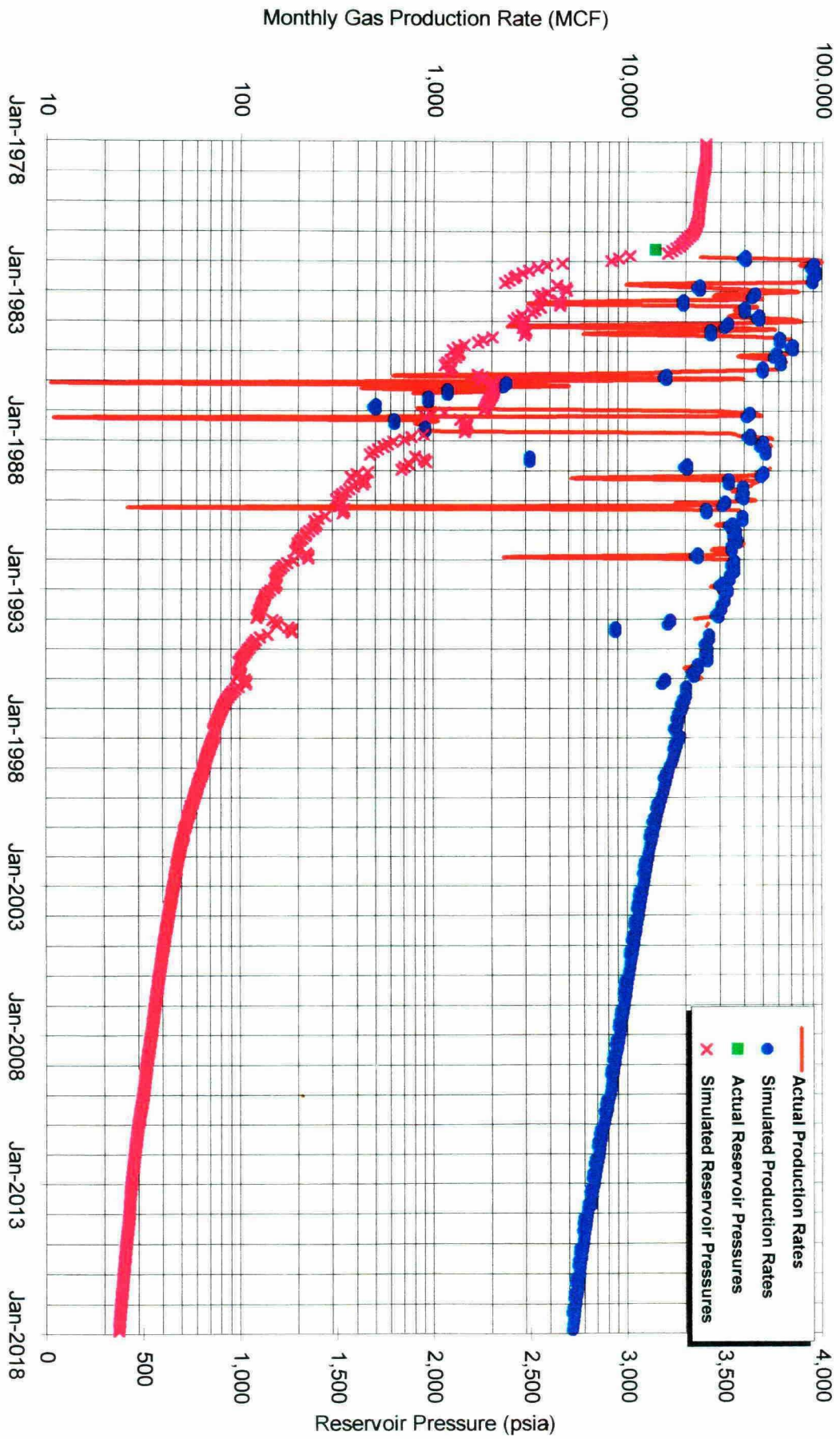
**Reservoir Simulation History Match Data**  
**Derrick Federal No. 2**  
**16S 28E 51**



**Reservoir Simulation History Match Data**  
**White State No. 1**  
**15S 27E 350**



Reservoir Simulation History Match Data  
White State No. 2  
15S 27E 35F



# Comparison of Reserve Estimates

## (Without Proposed Well)

Well	Current Cum Gas (BCF)	Rate vs. Cum EUR (BCF)	P/Z EUR (BCF)	Simulation EUR (BCF)
Langley Federal No. 5	0.8	1.0	1.0	* 1.9
Langlie Federal Com No. 3	2.7	4.0	4.5	4.8
Harris Federal No. 10	0.4	0.7	0.7	0.9
Harris Federal No. 9	5.5	8.0	8.0	* 7.4
Harris Federal Com No. 6	3.7	5.4	4.9	6.7
Toles Federal No. 2	0.8	1.3	1.2	1.3
Harris Federal Com No. 5	1.8	2.6	2.4	2.2
Harris Federal No. 8	5.5	8.0	8.2	8.0
Harris Federal No. 4	0.6	0.7	0.7	0.6
Harris Federal No. 7	0.6	1.0	1.0	1.2
Toles Federal No. 1	3.7	4.1	4.0	5.1
White State No. 2	5.5	9.0	8.0	9.8
White State No. 1	3.6	5.2	4.5	5.7
State Et Gas Com No. 1	3.1	3.1	3.5	3.1
State Et No. 1	1.1	0.8	0.8	0.9
State Et No. 2	1.3	1.8	2.6	2.5
Depco Federal No. 2	1.9	1.9	2.0	2.0
Derrick Federal No. 2	6.8	7.1	7.2	7.5
Derrick Federal No. 1	2.8	2.9	3.2	2.9
Callaway Federal No. 2	1.3	1.2	1.2	1.3
Callaway Federal No. 1	0.7	0.7	1.2	0.8
Callaway Federal No. 3	0.4	0.4	0.5	0.4
Proposed Well	0.0	0.0	0.0	0.0
<b>Totals =</b>	54.5	70.9	71.3	76.8

\* - Used Rate vs. Cum method for P/Z estimate.