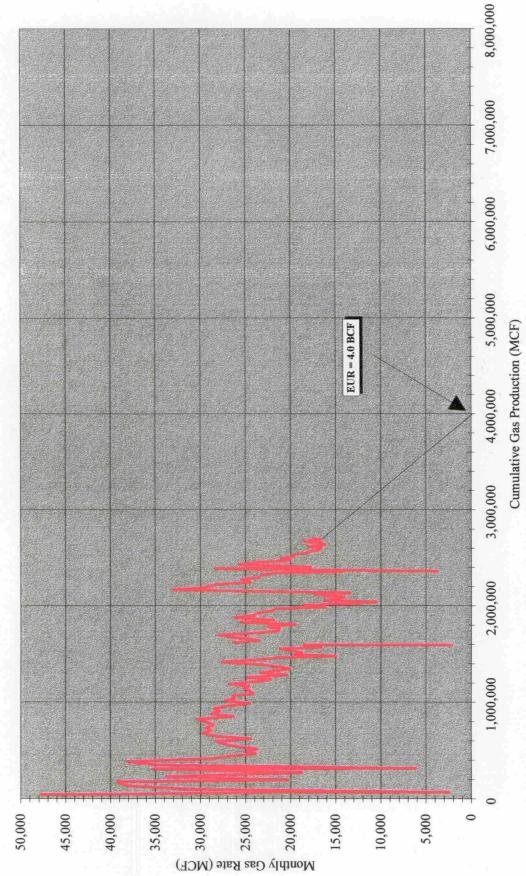


1,200,000 EUR = 1.0 BCF 1,000,000 800,000 Cumulative Gas Production (MCF) Read & Stevens Inc 000,009 400,000 200,000 Monthly Gas Rate (MCF) 30,000 25,000 20,000 10,000 5,000 0

Langley Federal No. 5 Buffalo Valley (Penn) Field

Langlie Federal Com No. 3
Buffalo Valley (Penn) Field
Read & Stevens Inc



2,000,000 1,600,000 1,200,000 Cumulative Gas Production (MCF) EUR = 0.7 BCF800,000 400,000 Monthly Gas Rate (MCF)
25,000
15,000 40,000 5,000 35,000 30,000 10,000 0

Harris Federal No. 10 Buffalo Valley (Penn) Field

Read & Stevens Inc

Ratecum

18,000,000 15,000,000 12,000,000 Cumulative Gas Production (MCF) Buffalo Valley (Penn) Field Read & Stevens Inc EUR = 8.0 BCF 9,000,000 6,000,000 3,000,000 100,000 000,06 80,000 10,000 70,000 000,09 50,000 40,000 20,000 30,000 Monthly Gas Rate (MCF)

Harris Federal No. 9

Ratecum

9,000,000 7,500,000 EUR = 5.4 BCF 6,000,000 Cumulative Gas Production (MCF) Harris Federal Com No. 6 Buffalo Valley (Penn) Field Read & Stevens Inc 4,500,000 3,000,000 1,500,000 000,09 50,000 40,000 30,000 20,000 10,000 0 Monthly Gas Rate (MCF)

Ratecum

1,400,000 EUR = 1.3 BCF 1,200,000 1,000,000 Cumulative Gas Production (MCF) 800,000 000,009 400,000 200,000 12,000 8,000 2,000 10,000 000,9 4,000 0 Monthly Gas Rate (MCF)

Toles Federal No. 2 Buffalo Valley (Penn) Field

Read & Stevens Inc

Ratecum

4,000,000 EUR = 2.6 BCF 3,000,000 Cumulative Gas Production (MCF) Harris Federal Com No. 5 Buffalo Valley (Penn) Field Read & Stevens Inc 2,000,000 1,000,000 20,000 Monthly Gas Rate (MCF)

5,0
0,00 25,000 2,000

Ratecum

5,000,000

10,000,000 EUR = 8.0 BCF 8,000,000 Cumulative Gas Production (MCF) Buffalo Valley (Penn) Field Read & Stevens Inc 6,000,000 4,000,000 2,000,000 100,000 000,06 80,000 70,000 000,09 20,000 10,000 50,000 40,000 30,000 0 Monthly Gas Rate (MCF)

Harris Federal No. 8

Ratecum

800,000 EUR = 0.7 BCF700,000 000,009 500,000 Cumulative Gas Production (MCF) Read & Stevens Inc 400,000 300,000 200,000 100,000 14,000 12,000 10,000 8,000 000,9 4,000 2,000 0 Monthly Gas Rate (MCF)

Harris Federal No. 4 Buffalo Valley (Penn) Field

1,400,000 1,200,000 EUR = 1.0 BCF1,000,000 Cumulative Gas Production (MCF) 800,000 000,009 400,000 200,000 10,000 000,6 8,000 7,000 6,000 5,000 4,000 3,000 2,000 1,000 Monthly Gas Rate (MCF)

Read & Stevens Inc

Harris Federal No. 7

Ratecum

5,000,000 EUR = 4.1 BCF 4,000,000 3,000,000 Cumulative Gas Production (MCF) 2,000,000 1,000,000 120,000 100,000 80,000 000,09 40,000 20,000 0 Monthly Gas Rate (MCF)

Diamond Mound (Morrow) Field Read & Stevens Inc

Toles Federal No. 1

Ratecum

EUR = 9.0 BCF9,000,000 7,500,000 6,000,000 Cumulative Gas Production (MCF) U M C Petroleum Corp 4,500,000 3,000,000 1,500,000 80,000 10,000 100,000 90,000 70,000 50,000 20,000 000,09 40,000 30,000 Monthly Gas Rate (MCF)

White State No. 2

7,000,000 6,000,000 EUR = 5.2 BCF 5,000,000 Cumulative Gas Production (MCF) 4,000,000 U M C Petroleum Corp 3,000,000 2,000,000 1,000,000 000,09 50,000 Monthly Gas Rate (MCF) 40,000 10,000 20,000

White State No. 1

Ratecum

4,000,000 3,500,000 EUR = 3.1 BCF 3,000,000 2,500,000 Cumulative Gas Production (MCF) 2,000,000 1,500,000 1,000,000 500,000 120,000 100,000 80,000 000,09 40,000 20,000 Monthly Gas Rate (MCF)

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

Matador Operating Co

Ratecum

3,000,000 2,500,000 2,000,000 Cumulative Gas Production (MCF) Matador Operating Co 1,500,000 500,000 Monthly Gas Rate (MCF)

7.000
0.000 25,000 20,000 2,000

State Et No. 1

Ratecum

3,000,000 2,500,000 EUR = 1.8 BCF 2,000,000 Cumulative Gas Production (MCF) Matador Operating Co 1,500,000 1,000,000 500,000 40,000 Monthly Gas Rate (MCF) 25,000 15,000 15,000 30,000 35,000 5,000 10,000

State Et No. 2

Ratecum

3,000,000 2,500,000 EUR = 1.9 BCF2,000,000 Cumulative Gas Production (MCF) U M C Petroleum Corp 1,500,000 1,000,000 500,000 10,000 70,000 20,000 000,09 50,000 40,000 30,000 0 Monthly Gas Rate (MCF)

Depco Federal No. 2 Diamond Mound (Morrow) Field

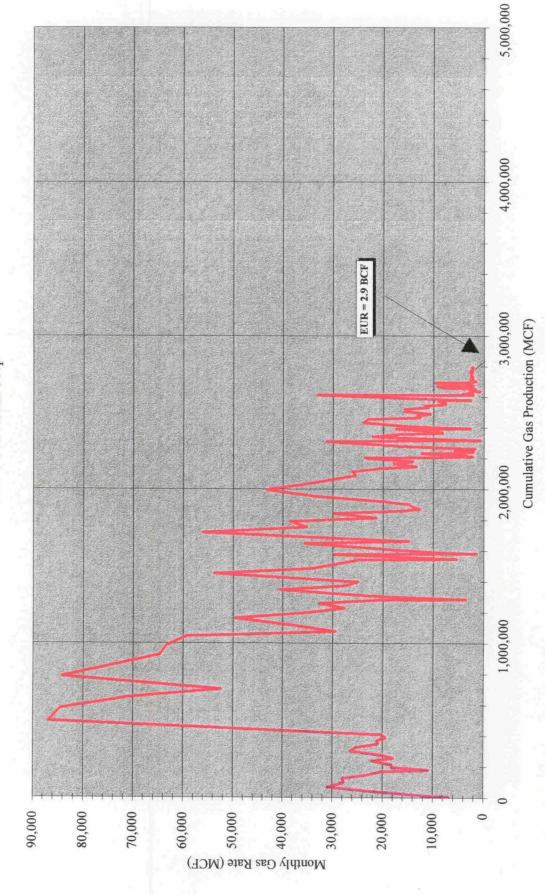
Ratecum

9,000,000 8,000,000 EUR = 7.1 BCF 7,000,000 6,000,000 Cumulative Gas Production (MCF) 5,000,000 U M C Petroleum Corp 4,000,000 3,000,000 2,000,000 1,000,000 140,000 120,000 100,000 80,000 000,09 40,000 20,000 Monthly Gas Rate (MCF)

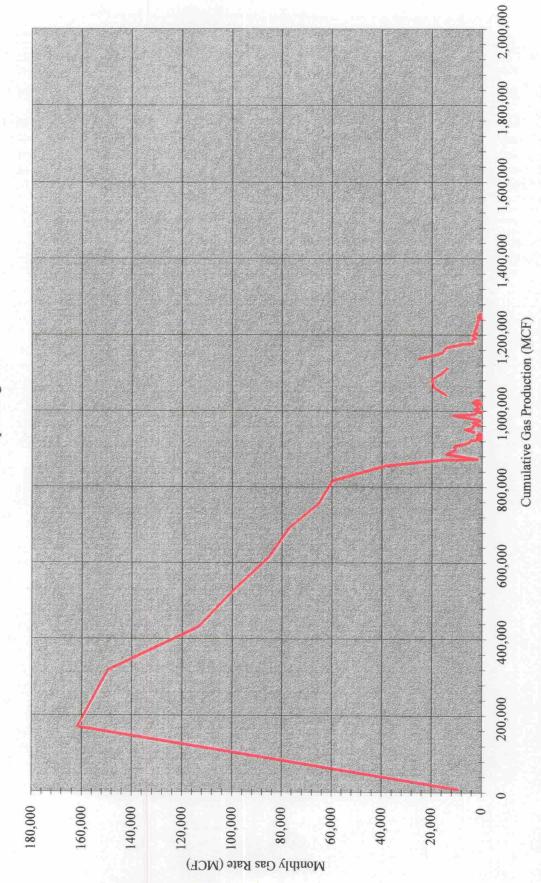
Derrick Federal No. 2

Ratecum

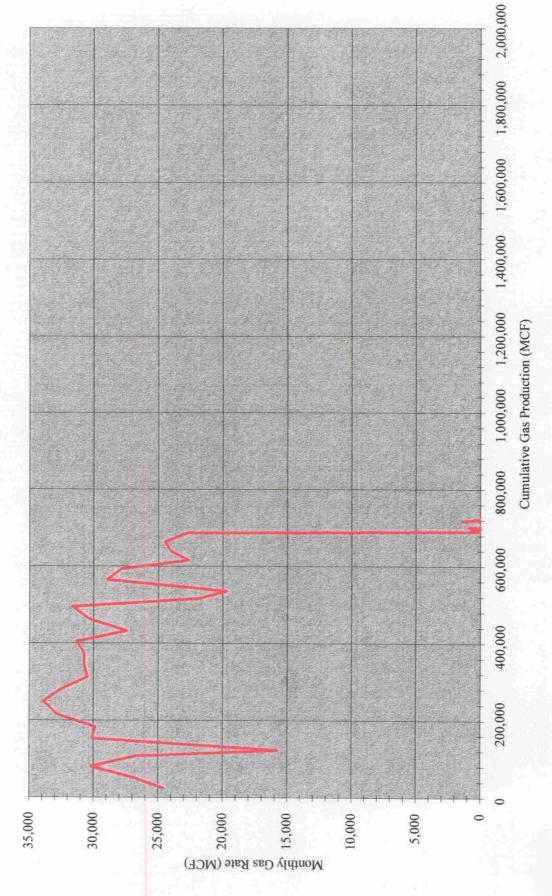
Derrick Federal No. 1
Diamond Mound (Morrow) Field
UM C Petroleum Corp



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



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



700,000 000,009 500,000 EUR = 0.4 BCF Cumulative Gas Production (MCF) 400,000 Matador Operating Co 300,000 200,000 100,000 10,000 0006 8,000 7,000 6,000 5,000 4,000 3,000 2,000 1,000 Monthly Gas Rate (MCF)

Callaway Federal No. 3 Diamond Mound (Morrow) Field

## **Estimated Ultimate Recovery Decline Curve Analysis**

Section		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		
	Section Total	6.1	8.7	17.4	8.7
35	White State #1	3.6	5.2		
	White State #2	5.5	9.0		
	Section Total	9.1	14.2	12.0	-2.2