WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY

State of West Virginia
Gaston Caperton
Governor

Department of Commerce, Labor, & Environmental Resources
Leonard A. Harvey, Secretary

Geological and Economic Survey
Larry D. Woodfork, Director
Carl J. Smith, Deputy Director

Central Region:

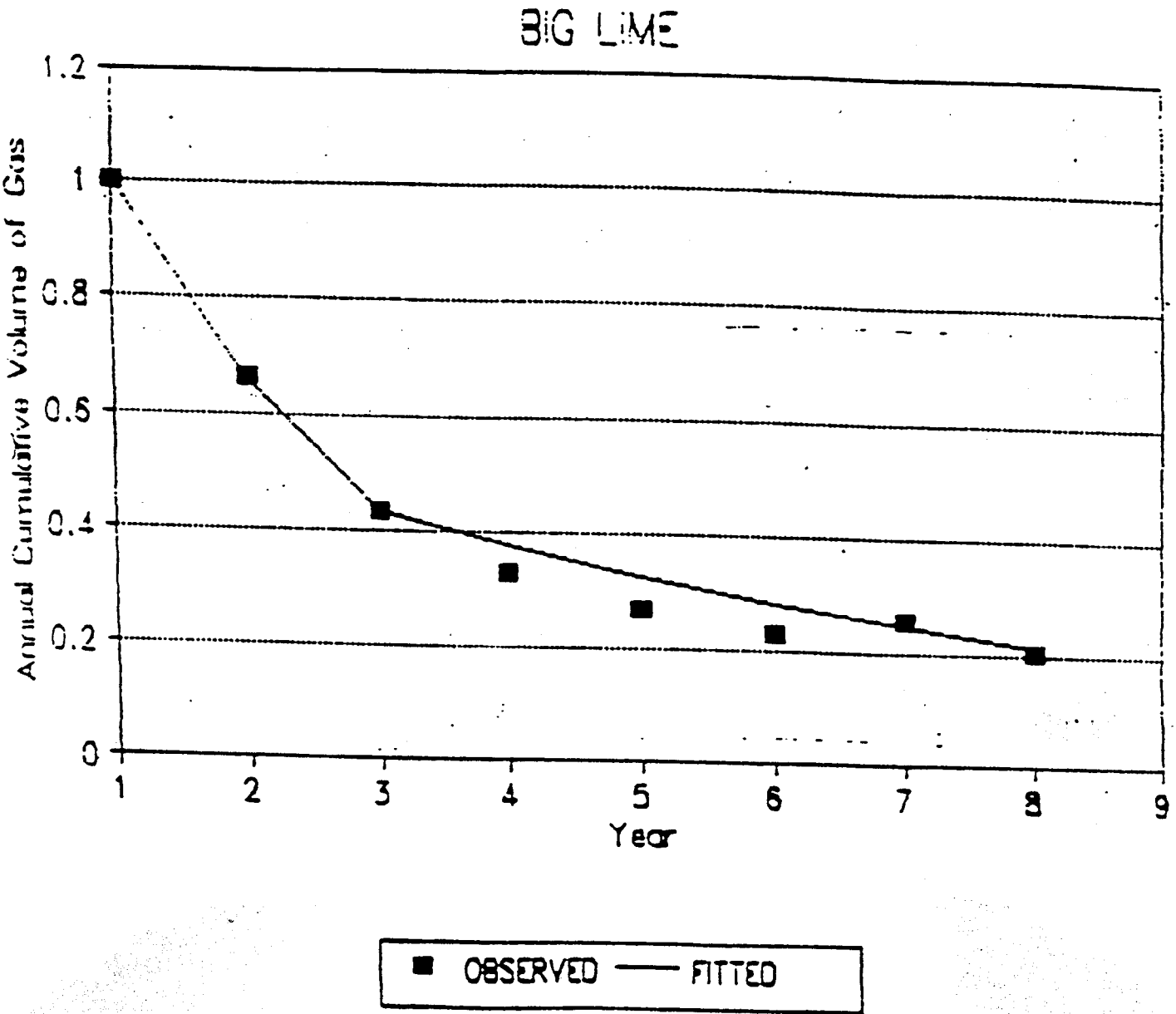
Formation = Big Lime

Model

Decline from 1st to 2nd year = .34 (# observations used = 78)
Decline from 2nd to 3rd year = .34 (# observations used = 63)
Decline after 3rd year = .13 (# observations used ranged from 37 to 53)

Normalized Decline

Year	Observed	Model
1	1.00	1.00
2	.66	.66
3	.43	.43
4	.33	.38
5	.27	.33
6	.23	.28
7	.26	.24
8	.20	.21


BIG LIME
Annual Cumulative Volume of Gas
1.2
1
0.8
0.6
0.4
0.2
0
1
2
3
4
5
6
7
8
9
Year
OBSERVED
FITTED