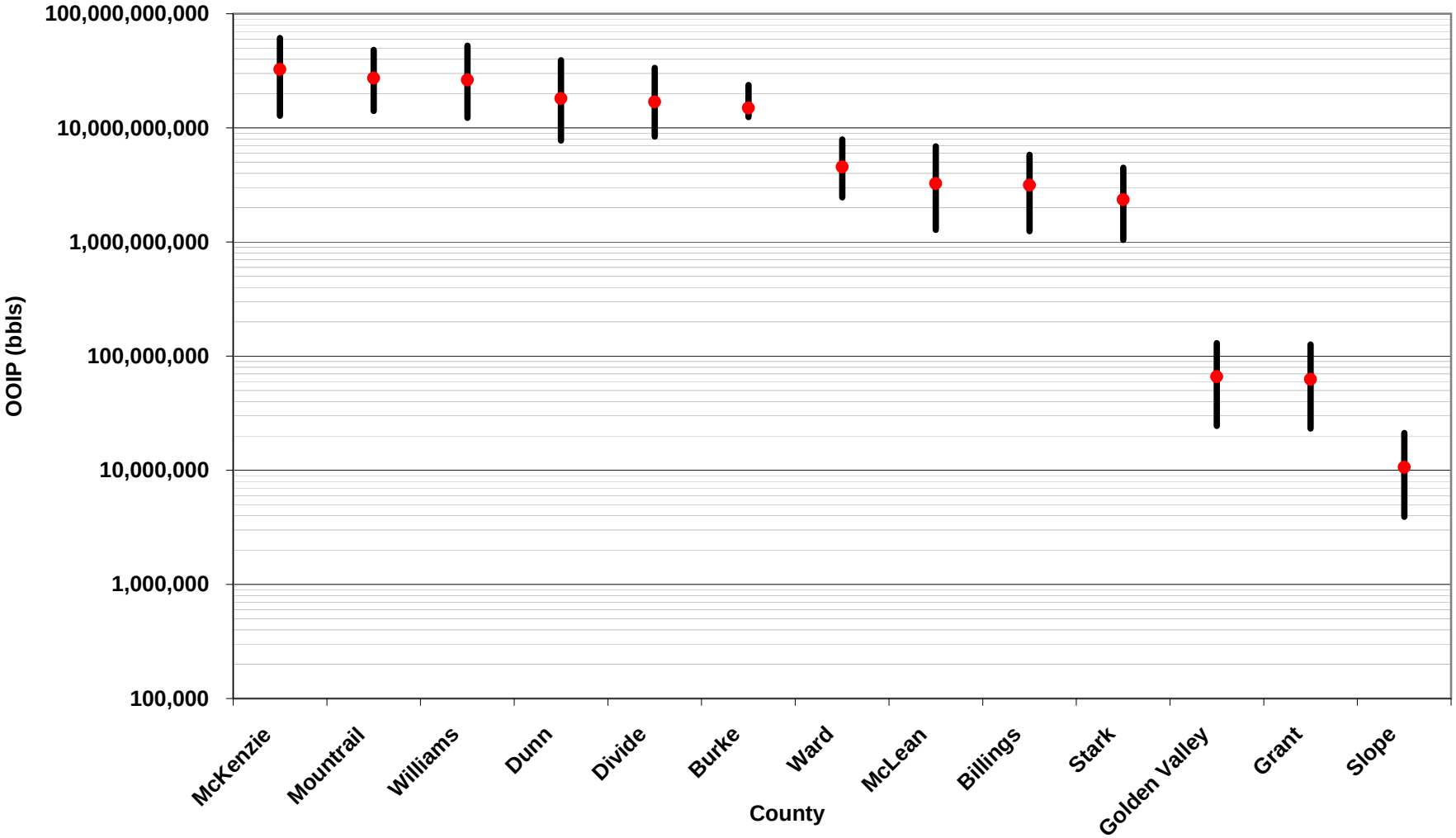
Figure 4 - Thermally Mature Bakken Formation - Total



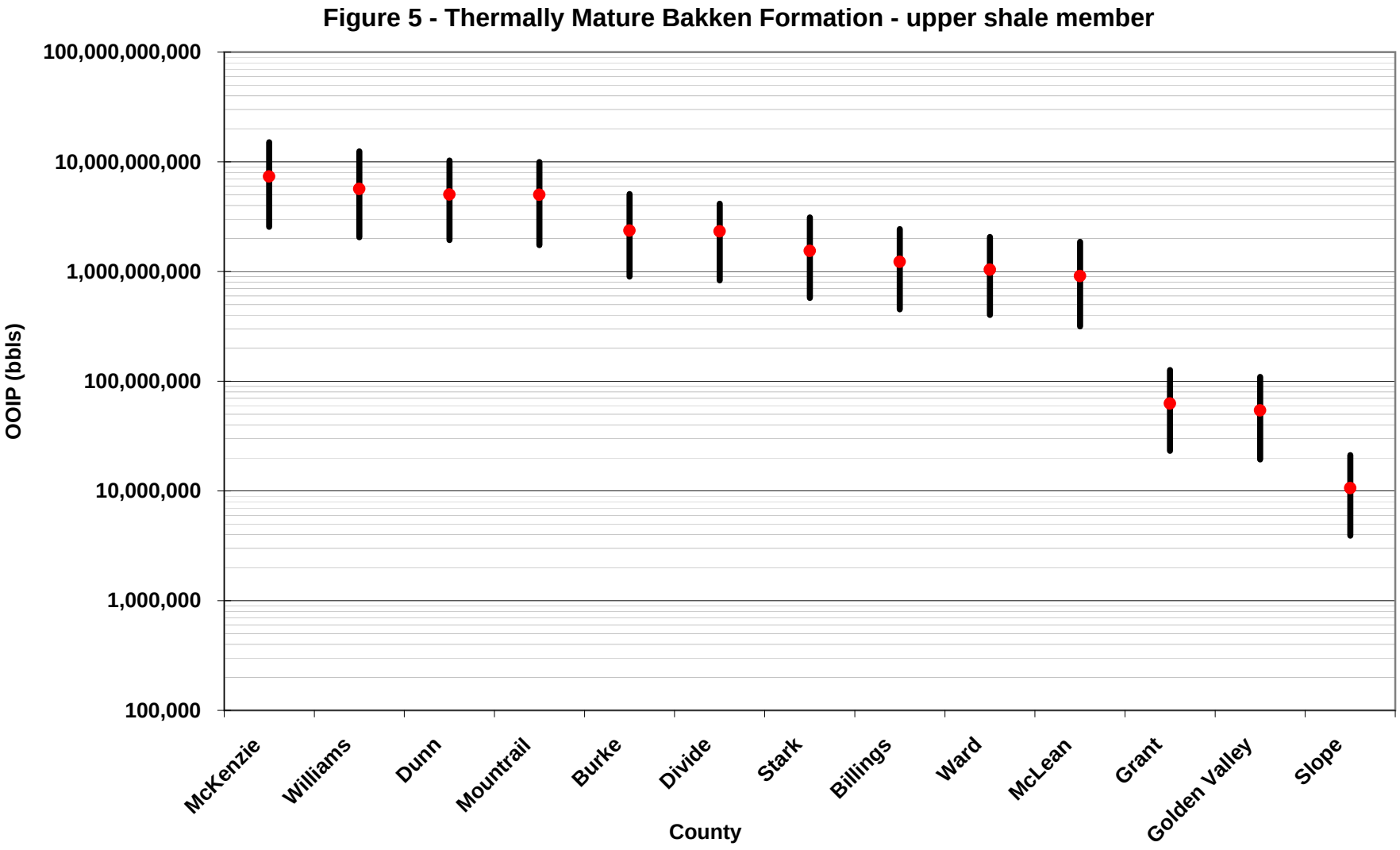


Figure 5 - Thermally Mature Bakken Formation - upper shale member
100,000,000,000
10,000,000,000
1,000,000,000
100,000,000
10,000,000
1,000,000
100,000
OOIP (bbls)
McKenzie
Williams
Dunn
Mountrail
Burke
Divide
Stark
Billings
Ward
McLean
Grant
Golden Valley
Slope
County

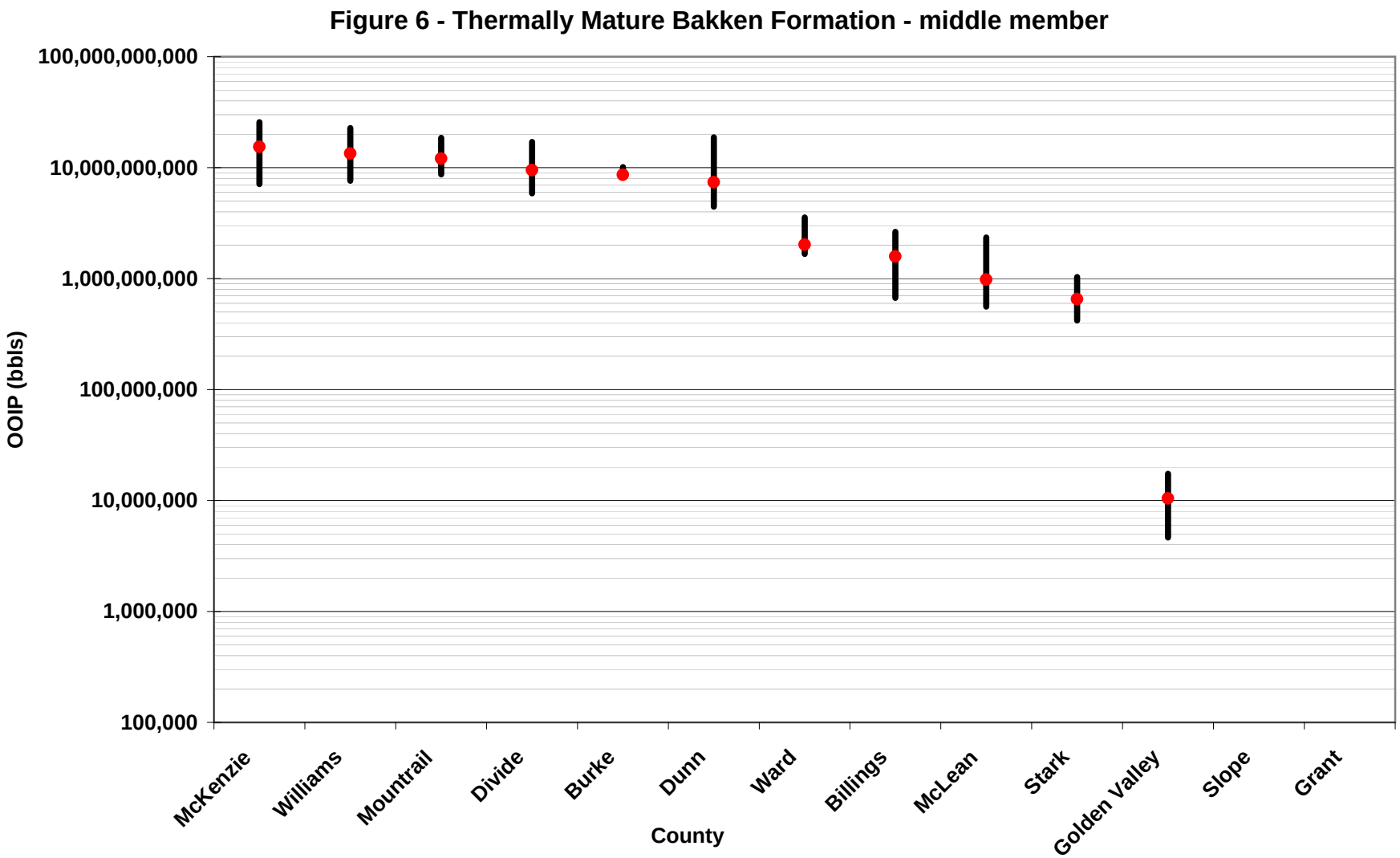


Figure 6 - Thermally Mature Bakken Formation - middle member
100,000,000,000
10,000,000,000
1,000,000,000
100,000,000
10,000,000
1,000,000
100,000
OOIP (bbls)
McKenzie
Williams
Mountrail
Divide
Burke
Dunn
Ward
Billings
McLean
Stark
Golden Valley
Slope
Grant
County

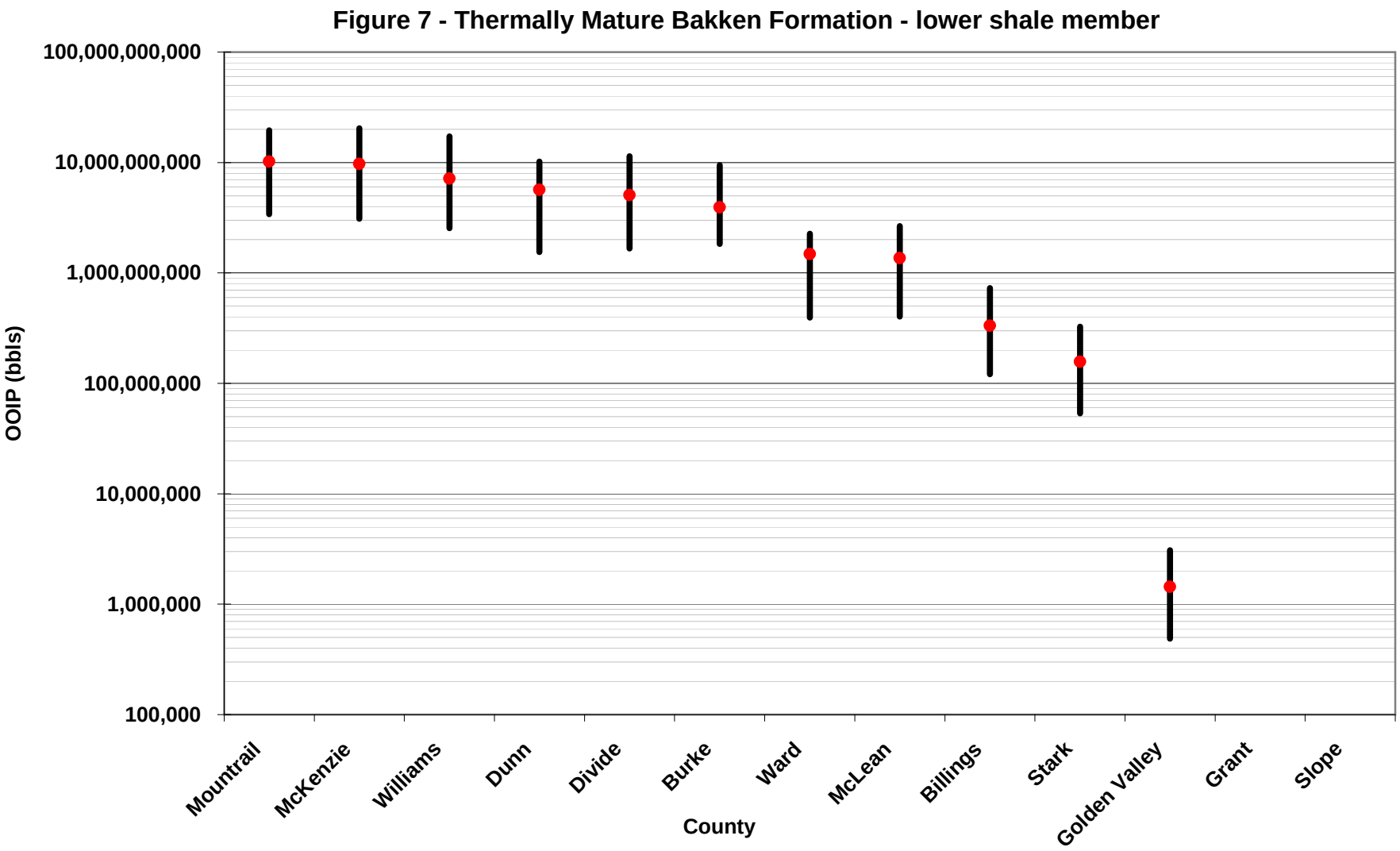


Figure 7 - Thermally Mature Bakken Formation - lower shale member
100,000,000,000
10,000,000,000
1,000,000,000
100,000,000
10,000,000
1,000,000
100,000
OOIP (bbls)
Mountrail
McKenzie
Williams
Dunn
Divide
Burke
Ward
McLean
Billings
Stark
Golden Valley
Grant
Slope
County

Bakken Formation Reserves Estimates - April 7, 2008

Bakken Recoverable Reserves

County	Max	Min	Mean
McKenzie	61,092,805,333	12,768,723,210	32,438,937,580
Mountrail	48,071,238,924	14,057,191,895	27,242,795,837
Williams	52,407,038,986	12,218,256,790	26,263,485,095
Dunn	39,194,906,967	7,735,183,028	18,059,716,691
Divide	33,541,035,300	8,372,403,011	16,836,857,774
Burke	23,700,992,275	12,437,334,722	14,891,719,317
Ward	7,892,628,307	2,467,484,199	4,540,670,907
McLean	6,871,671,997	1,277,048,035	3,253,719,118
Billings	5,796,035,234	1,242,100,878	3,141,271,156
Stark	4,479,035,609	1,046,331,232	2,349,351,546
Golden Valley	130,056,732	24,538,677	66,147,411
Grant	126,677,986	23,265,040	62,508,094
Slope	21,249,293	3,922,551	10,586,089

Upper Bakken Reserves

County	Max	Min	Mean
McKenzie	15,038,708,708	2,549,476,943	7,339,167,061
Williams	12,437,089,556	2,057,005,427	5,664,893,694
Dunn	10,278,088,597	1,935,190,345	5,015,896,693
Mountrail	9,957,931,770	1,742,420,204	4,996,332,036
Burke	5,085,214,500	898,362,087	2,357,132,090
Divide	4,140,005,371	830,924,783	2,316,233,185
Stark	3,120,187,177	573,037,832	1,539,627,844
Billings	2,433,811,594	451,893,441	1,225,813,668
Ward	2,068,736,273	402,031,120	1,037,975,913
McLean	1,866,271,205	316,384,571	910,774,749
Grant	126,677,986	23,265,040	62,508,094
Golden Valley	109,571,000	19,400,884	54,297,863
Slope	21,249,293	3,922,551	10,586,089

Middle Bakken Reserves

County	Max	Min	Mean
McKenzie	25,657,297,387	7,127,027,052	15,389,491,328
Williams	22,774,490,477	7,617,948,034	13,435,647,982
Mountrail	18,550,983,825	8,722,285,173	12,033,194,776
Divide	17,078,410,439	5,878,970,891	9,465,290,116
Burke	10,109,202,690	9,704,834,583	8,597,350,325
Dunn	18,730,395,473	4,448,468,925	7,386,142,503
Ward	3,553,845,683	1,670,944,021	2,021,237,904
Billings	2,634,058,978	669,301,843	1,583,245,050
McLean	2,349,666,026	558,045,681	981,377,177
Stark	1,033,499,393	419,859,129	653,114,200
Golden Valley	17,405,957	4,650,139	10,413,908
Slope	0	0	0
Grant	0	0	0

Lower Bakken Reserves

County	Max	Min	Mean
Mountrail	19,562,323,329	3,399,716,377	10,213,269,025
McKenzie	20,396,799,238	3,092,219,215	9,710,279,191
Williams	17,195,458,953	2,543,303,329	7,162,943,418
Dunn	10,186,422,897	1,544,293,899	5,657,677,494
Divide	11,377,410,361	1,662,507,337	5,055,334,474
Burke	9,451,784,214	1,834,138,052	3,937,236,901
Ward	2,270,046,350	394,509,058	1,481,457,090
McLean	2,655,734,766	402,617,782	1,361,567,191
Billings	728,164,662	120,905,594	332,212,438
Stark	325,349,039	53,434,271	156,609,501
Golden Valley	3,079,774	487,655	1,435,639
Grant	0	0	0
Slope	0	0	0