

**NORTH DAKOTA CUMULATIVE OIL PRODUCTION
BY FORMATION THROUGH DECEMBER 2016**

FORMATION	CUMULATIVE OIL	PERCENT	WELLS
BAKKEN	1,939,761,753	51.52	11,650
BAKKEN/THREE FORKS	12,331,796	0.33	53
BIRDBEAR	20,925,144	0.56	174
CAMBRO/ORDOVICIAN	443,122	0.01	5
DAWSON BAY	4,139,112	0.11	14
DEADWOOD	1,008	0.00	2
DEVONIAN	102,747,356	2.73	142
DUPEROW	52,862,947	1.40	347
GUNTON	265,919	0.01	11
HEATH	67,129,338	1.78	198
INTERLAKE	8,568	0.00	1
LODGEPOLE	61,348,848	1.63	52
LODGEPOLE/BAKKEN	5,883	0.00	1
MADISON	958,580,072	25.46	5,609
MIDALE/NESSON	3,215,711	0.09	48
MISSION CANYON	22,179	0.00	1
ORDOVICIAN	34,034,225	0.90	123
RATCLIFFE	238,062	0.01	4
RED RIVER	114,769,429	3.05	763
RED RIVER B	169,124,321	4.49	560
RED RIVER C	11,829	0.00	1
SANISH	50,618,237	1.34	218
SILURIAN	65,548,652	1.74	223
SOURIS RIVER	59,338	0.00	3
SPEARFISH	3,984,558	0.11	132
SPEARFISH/CHARLES	51,380,868	1.36	238
SPEARFISH/MADISON	5,242,871	0.14	113
STONEWALL	16,609,229	0.44	129
STONY MOUNTAIN	5,668	0.00	1
THREE FORKS	116,835	0.00	4
TYLER	16,088,928	0.43	88
TYLER A	3,109,162	0.08	7
WINNIPEG	150,164	0.00	4
WINNIPEG/DEADWOOD	45,502	0.00	6
WINNIPEGOSIS	10,139,865	0.27	56
TOTALS	3,765,066,499	100.0000	20,981