

**NORTH DAKOTA CUMULATIVE OIL PRODUCTION
BY FORMATION THROUGH DECEMBER 2013**

FORMATION	CUMULATIVE OIL	PERCENT	WELLS
BAKKEN	831,017,850	32.42	7353
BAKKEN/THREE FORKS	3,590,399	0.14	34
BIRDBEAR	20,034,847	0.78	173
CAMBRO/ORDOVICIAN	423,840	0.02	5
DAWSON BAY	4,105,251	0.16	14
DEADWOOD	11,017	0.00	3
DEVONIAN	101,271,273	3.95	138
DUPEROW	51,841,699	2.02	347
GUNTON	249,302	0.01	11
HEATH	66,680,574	2.60	198
INTERLAKE	8,568	0.00	1
LODGEPOLE	59,491,663	2.32	52
LODGEPOLE/BAKKEN	5,883	0.00	1
MADISON	939,049,431	36.63	5567
MIDALE/NESSON	2,916,336	0.11	47
MISSION CANYON	22,106	0.00	1
ORDOVICIAN	33,163,756	1.29	123
RATCLIFFE	218,580	0.01	4
RED RIVER	110,277,553	4.30	736
RED RIVER B	149,294,668	5.82	550
RED RIVER C	11,829	0.00	1
SANISH	22,539,246	0.88	118
SILURIAN	64,912,583	2.53	221
SOURIS RIVER	58,090	0.00	2
SPEARFISH	1,952,877	0.08	98
SPEARFISH/CHARLES	50,255,021	1.96	210
SPEARFISH/MADISON	4,808,289	0.19	104
STONEWALL	16,209,443	0.63	126
STONY MOUNTAIN	5,668	0.00	1
THREE FORKS	145,747	0.01	5
TYLER	15,658,557	0.61	84
TYLER A	3,033,791	0.12	7
WINNIPEG	142,722	0.01	4
WINNIPEG/DEADWOOD	37,970	0.00	6
WINNIPEGOSIS	9,872,648	0.39	56
TOTALS	2,563,319,077	100.00	16,401