

**INDUSTRIAL COMMISSION OF NORTH DAKOTA  
OIL & GAS DIVISION  
2016 MONTHLY STATISTICAL UPDATE**

Month	Monthly Oil Production	Wells Producing	Average Daily Production	Permits				Spuds	Average Rig Count
				Dev	Ext	WC	Total		
Jan	34,770,519	13,210	1,121,630	78	0	0	78	60	52
Feb	32,467,633	13,081	1,119,574	70	0	0	70	29	40
Mar	34,463,191	13,120	1,111,716	56	0	0	56	35	32
Apr	31,260,735	13,113	1,042,025	66	0	0	66	61	29
May	32,456,673	13,235	1,046,989	42	0	0	42	32	27
Jun	30,816,914	13,314	1,027,230	65	0	0	65	49	28
Jul	31,908,980	13,327	1,029,322	86	0	0	86	59	31
Aug	30,418,404	13,356	981,239	99	0	0	99	41	32
Sep	29,134,219	13,439	971,141	63	0	0	63	76	34
Oct	32,326,501	13,461	1,042,790	80	1	1	82	58	33
Nov	31,034,520	13,520	1,034,484	77	0	0	77	76	37
Dec	29,216,306	13,336	942,461	34	0	0	34	53	40
<b>Totals</b>	<b>380,274,595</b>		<b>1,039,002</b>	<b>816</b>	<b>1</b>	<b>1</b>	<b>818</b>	<b>629</b>	<b>35</b>

## STATE OF NORTH DAKOTA 2016 COUNTY COMPLETION STATISTICS

Cnty	Total Wells	Total Productive	Development		Wildcat		Extension		Recompleted	Re-Entry		Other
			Prod.	Dry	Prod.	Dry	Prod.	Dry		Prod.	Dry	
Bil	1	0	0	0	0	0	0	0	1	0	0	0
Bot	3	1	1	0	0	1	0	0	1	0	0	0
Bow	1	0	0	0	0	0	0	0	0	0	0	1
Bke	5	4	4	0	0	0	0	0	1	0	0	0
Div	44	43	43	0	0	0	0	0	0	0	0	1
Dun	107	107	107	0	0	0	0	0	0	0	0	0
McK	351	344	343	2	0	0	0	0	1	0	0	5
McL	5	5	5	0	0	0	0	0	0	0	0	0
Mou	129	127	126	1	0	0	1	0	0	0	0	1
Ren	2	1	1	1	0	0	0	0	0	0	0	0
Stk	10	9	9	0	0	1	0	0	0	0	0	0
Wil	103	98	98	2	0	0	0	0	1	0	0	2
<b>Total</b>	<b>761</b>	<b>739</b>	<b>737</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>10</b>

## 2016 COUNTY DRILLING FOOTAGE

County	Development		Wildcat		Extension		Re-Entry		Others	Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Bil	0	0	0	0	0	0	0	0	0	0
Bot	7,727	0	0	8,630	0	0	0	0	0	16,357
Bow	0	0	0	0	0	0	0	0	20,080	20,080
Bke	69,969	0	0	0	0	0	0	0	0	69,969
Div	794,644	0	0	0	0	0	0	0	5,100	799,744
Dun	2,221,266	0	0	0	0	0	0	0	0	2,221,266
McK	7,213,984	24,887	0	0	0	0	0	0	33,206	7,272,077
McLean	124,605	0	0	0	0	0	0	0	0	124,605
Mou	2,523,039	20,412	0	0	21,110	0	0	0	5,415	2,569,976
Ren	9,446	5,350	0	0	0	0	0	0	0	14,796
Stk	187,909	0	0	9,802	0	0	0	0	0	197,711
Wil	2,020,174	4,583	0	0	0	0	0	0	11,274	2,036,031
<b>Total</b>	<b>15,172,763</b>	<b>55,232</b>	<b>0</b>	<b>18,432</b>	<b>21,110</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,075</b>	<b>15,342,612</b>

# STATE OF NORTH DAKOTA

## 2016 STATE-WIDE WELL COMPLETION STATISTICS

Month	Total Wells	Total Productive	Development		Wildcat		Extension		Recompleted	Re-Entry		Other
			Prod.	Dry	Prod.	Dry	Prod.	Dry		Prod.	Dry	
Jan	74	73	73	1	0	0	0	0	0	0	0	0
Feb	68	66	66	0	0	0	0	0	0	0	0	2
Mar	68	67	67	0	0	0	0	0	0	0	0	1
Apr	43	43	43	0	0	0	0	0	0	0	0	0
May	46	45	44	0	0	0	0	0	1	0	0	1
Jun	47	44	44	0	0	1	0	0	1	0	0	1
Jul	49	43	43	2	0	0	0	0	1	0	0	3
Aug	66	65	65	1	0	0	0	0	0	0	0	0
Sep	73	73	73	0	0	0	0	0	0	0	0	0
Oct	59	55	55	1	0	0	0	0	2	0	0	1
Nov	84	82	81	1	0	1	1	0	0	0	0	0
Dec	84	83	83	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>761</b>	<b>739</b>	<b>737</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>10</b>

## 2016 STATE-WIDE DRILLING FOOTAGE

Month	Development		Wildcat		Extension		Re-Entry		Others	Monthly Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Jan	1,499,556	22,892	0	0	0	0	0	0	0	1,522,448
Feb	1,307,088	0	0	0	0	0	0	0	25,495	1,332,583
Mar	1,369,122	0	0	0	0	0	0	0	6,959	1,376,081
Apr	917,469	0	0	0	0	0	0	0	0	917,469
May	898,662	0	0	0	0	0	0	0	6,080	904,742
Jun	916,696	0	0	8,630	0	0	0	0	6,195	931,521
Jul	907,519	7,675	0	0	0	0	0	0	18,086	933,280
Aug	1,346,018	20,412	0	0	0	0	0	0	0	1,366,430
Sep	1,481,028	0	0	0	0	0	0	0	0	1,481,028
Oct	1,158,113	1,995	0	0	0	0	0	0	7,160	1,167,268
Nov	1,648,942	2,258	0	9,802	21,110	0	0	0	0	1,682,112
Dec	1,722,550	0	0	0	0	0	0	0	5,100	1,727,650
<b>Total</b>	<b>15,172,763</b>	<b>55,232</b>	<b>0</b>	<b>18,432</b>	<b>21,110</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75,075</b>	<b>15,342,612</b>

# North Dakota Horizontal Well Statistics

Year	Wells Completed		Rigs Drilling	Permits Issued	Wells Producing	Horizontal Production	Cumulative Production	Percent of State	State Production
	Prod.	Dry							
1987	1	0	0.25	4	0.33	10,516	10,516	0.00	41,363,032
1988	9	0	2.25	12	3.58	222,910	233,426	0.57	39,356,974
1989	29	3	5.67	74	20.83	959,861	1,193,287	2.61	36,743,624
1990	66	11	11.58	97	70.33	2,744,638	3,937,925	7.47	36,720,396
1991	45	4	6.33	41	124.50	3,706,820	7,644,745	10.33	35,895,278
1992	34	0	3.83	40	152.08	3,004,362	10,649,107	9.13	32,900,171
1993	26	2	2.92	34	171.25	2,462,631	13,111,738	7.96	30,918,673
1994	25	2	2.92	38	185.42	1,872,464	14,984,202	6.76	27,690,412
1995	51	7	6.17	205	210.25	2,533,115	17,517,317	8.63	29,335,924
1996	97	10	10.83	436	280.17	6,225,074	23,742,391	19.27	32,311,349
1997	108	5	12.50	121	356.25	8,097,001	31,839,392	22.59	35,837,784
1998	77	6	7.00	62	435.42	8,630,328	40,469,720	24.27	35,564,024
1999	18	0	2.67	34	452.00	6,752,073	47,221,793	20.54	32,878,578
2000	71	3	7.58	109	500.75	6,609,831	53,831,624	20.21	32,713,018
2001	115	1	9.67	143	581.50	8,192,352	62,023,976	25.85	31,693,576
2002	122	1	9.75	139	662.25	9,590,059	71,614,035	31.13	30,803,091
2003	158	4	11.50	179	694.58	10,069,948	81,683,983	34.24	29,410,953
2004	139	3	13.67	199	719.42	13,142,463	94,826,446	42.19	31,152,245
2005	174	8	23.67	287	801.92	19,660,745	114,487,191	55.11	35,674,533
2006	220	2	34.67	403	959.33	25,157,111	139,644,302	62.98	39,943,556
2007	274	7	40.17	545	1,181.58	31,176,991	170,821,293	69.09	45,121,983
2008	518	5	74	912	1,520.33	49,213,973	220,035,266	78.39	62,780,849
2009	479	4	55	637	1,989.17	67,549,966	287,585,232	84.72	79,736,468
2010	818	4	126	1,642	2,579.25	100,341,375	387,926,607	88.77	113,032,814
2011	1,229	8	180	1,876	3,461.83	139,432,214	527,358,821	91.14	152,983,522
2012	1,866	15	198	2,422	5,073	227,799,275	755,158,096	93.68	243,172,049
2013	2,080	14	184	2,607	6,862	297,576,174	1,052,734,270	94.92	313,498,462
2014	2,273	24	192	2,972	8,797	379,881,536	1,432,615,806	95.73	396,845,811
2015	1,536	17	94	2,044	10,619	413,558,861	1,846,174,667	95.67	432,278,474
Jan-16	73	1	60	78	11,049	33,840,066	1,880,014,733	97.32	34,770,519
Feb-16	66	0	45	70	11,017	31,614,727	1,911,629,460	97.37	32,467,633
Mar-16	67	0	35	55	11,082	33,548,537	1,945,177,997	97.35	34,463,191
Apr-16	43	0	31	66	11,109	30,403,815	1,975,581,812	97.26	31,260,735
May-16	44	0	29	42	11,216	31,579,907	2,007,161,719	97.30	32,456,673
Jun-16	44	1	29	65	11,278	29,974,196	2,037,135,915	97.27	30,816,914
Jul-16	43	1	32	82	11,324	31,041,935	2,068,177,850	97.28	31,908,980
Aug-16	65	1	32	97	11,348	29,577,178	2,097,755,028	97.23	30,418,404
Sep-16	73	0	34	62	11,437	28,244,161	2,125,999,189	96.94	29,134,219
Oct-16	55	1	35	79	11,496	31,458,486	2,157,457,675	97.31	32,326,501
Nov-16	82	1	39	77	11,566	30,136,676	2,187,594,351	97.14	31,024,520
Dec-16	83	0	40	34	11,430	28,359,964	2,215,954,315	97.07	29,216,306
2016	738	6	37	807	11,279	369,779,648		97.24	380,264,595
Totals	13,396	176		19,121		2,215,954,315			2,898,622,218