

**INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL & GAS DIVISION
2017 MONTHLY STATISTICAL UPDATE**

Month	Monthly Oil Production	Wells Producing	Average Daily Production	Permits				Spuds	Average Rig Count
				Dev	Ext	WC	Total		
Jan	30,498,615	13,409	983,826	80	1	0	81	60	38
Feb	28,956,959	13,583	1,034,177	44	0	1	45	72	39
Mar	31,801,024	13,696	1,025,839	92	0	1	93	89	46
Apr	31,525,124	13,727	1,050,837	58	0	0	58	56	50
May	32,260,415	13,888	1,040,659	99	1	0	100	98	50
Jun	30,988,253	13,926	1,032,942	108	0	1	109	119	55
Jul	32,505,666	13,989	1,048,570	106	0	0	106	101	58
Aug	33,767,591	14,068	1,089,277	141	0	0	141	102	56
Sep	33,223,927	14,195	1,107,464	103	0	1	104	90	56
Oct	36,698,095	14,253	1,183,810	146	0	1	147	98	56
Nov	35,847,594	14,324	1,194,920	117	0	2	119	94	54
Dec				86	0	0	86	92	52
Totals	358,073,263		1,072,076	1180	2	7	1189	1071	51

STATE OF NORTH DAKOTA 2017 COUNTY COMPLETION STATISTICS

Cnty	Total Wells	Total Productive	Development		Wildcat		Extension		Recompleted	Re-Entry		Other
			Prod.	Dry	Prod.	Dry	Prod.	Dry		Prod.	Dry	
Bil	4	2	2	1	0	0	0	0	0	0	0	1
Bot	8	6	5	0	0	0	1	1	1	0	0	0
Bke	8	6	6	0	0	0	0	0	0	0	0	2
Div	18	17	17	1	0	0	0	0	0	0	0	0
Dun	184	184	183	0	0	0	0	0	1	0	0	0
Emm	1	0	0	0	0	1	0	0	0	0	0	0
GV	4	4	2	0	1	0	0	0	1	0	0	0
McH	1	1	1	0	0	0	0	0	0	0	0	0
McK	430	417	415	6	0	0	0	0	2	0	0	7
Mer	1	0	0	0	0	1	0	0	0	0	0	0
Mou	148	146	146	1	0	1	0	0	0	0	0	0
Ren	1	0	0	0	0	0	0	1	0	0	0	0
Stk	14	12	12	0	0	2	0	0	0	0	0	0
Wil	217	207	207	0	0	0	0	0	3	0	0	7
Total	1039	1002	996	9	1	5	1	2	8	0	0	17

2017 COUNTY DRILLING FOOTAGE

County	Development		Wildcat		Extension		Re-Entry		Others	Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Bil	42,735	21,070	0	0	0	0	0	0	5,845	69,650
Bot	36,582	0	0	0	4,760	3,956	0	0	0	45,298
Bke	106,830	0	0	0	0	0	0	0	8,645	115,475
Div	318,884	1,878	0	0	0	0	0	0	0	320,762
Dun	3,874,607	0	0	0	0	0	0	0	0	3,874,607
Emm	0	0	0	1,450	0	0	0	0	0	1,450
GV	33,395	0	12,300	0	0	0	0	0	0	45,695
McH	12,321	0	0	0	0	0	0	0	0	12,321
McK	8,997,157	120,188	0	0	0	0	0	0	42,694	9,160,039
Mer	0	0	0	6,790	0	0	0	0	0	6,790
Mou	2,957,270	20,163	0	8,062	0	0	0	0	0	2,985,495
Ren	0	0	0	0	0	9,400	0	0	0	9,400
Stk	255,166	0	0	22,186	0	0	0	0	0	277,352
Wil	4,309,844	0	0	0	0	0	0	0	50,709	4,360,553
Total	20,944,791	163,299	12,300	38,488	4,760	13,356	0	0	107,893	21,284,887

STATE OF NORTH DAKOTA 2017 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	60	56	56	2	0	0	0	0	1	0	0	1
Feb	65	63	63	1	0	0	0	0	0	0	0	1
Mar	62	60	59	0	0	1	0	0	2	0	0	0
Apr	69	68	68	0	0	0	0	0	0	0	0	1
May	80	78	77	0	0	0	0	0	1	0	0	2
Jun	98	92	91	2	0	1	0	0	2	0	0	2
Jul	114	108	108	2	0	1	0	1	0	0	0	2
Aug	94	89	88	1	0	0	0	1	1	0	0	3
Sep	95	94	93	0	0	0	1	0	0	0	0	1
Oct	102	98	98	1	0	1	0	0	0	0	0	2
Nov	89	86	86	0	0	0	0	0	1	0	0	2
Dec	111	110	109	0	1	1	0	0	0	0	0	0
Total	1039	1002	996	9	1	5	1	2	8	0	0	17

2017 STATE-WIDE DRILLING FOOTAGE

Month	Development		Wildcat		Extension		Re-Entry		Others	Monthly Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Jan	1,097,818	22,041	0	0	0	0	0	0	7,243	1,127,102
Feb	1,315,790	23,923	0	0	0	0	0	0	4,337	1,344,050
Mar	1,210,988	0	0	8,062	0	0	0	0	0	1,219,050
Apr	1,432,682	0	0	0	0	0	0	0	5,360	1,438,042
May	1,618,582	0	0	0	0	0	0	0	12,296	1,630,878
Jun	1,853,350	32,442	0	9,910	0	0	0	0	17,357	1,913,059
Jul	2,350,778	41,553	0	1,450	0	9,400	0	0	11,296	2,414,477
Aug	1,896,729	21,565	0	0	0	3,956	0	0	20,578	1,942,828
Sep	1,944,718	0	0	0	4,760	0	0	0	6,225	1,955,703
Oct	2,064,235	21,775	0	12,276	0	0	0	0	11,500	2,109,786
Nov	1,840,228	0	0	0	0	0	0	0	11,701	1,851,929
Dec	2,318,893	0	12,300	6,790	0	0	0	0	0	2,337,983
Total	20,944,791	163,299	12,300	38,488	4,760	13,356	0	0	107,893	21,284,887

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
2016	738	6	37	807	11,279	369,779,648	2,215,954,315	97.24	380,264,595
Jan-17	56	2	39	80	11,467	29,662,873	2,245,617,188	97.26	30,498,615
Feb-17	63	1	43	44	11,655	28,129,805	2,273,746,993	97.14	28,957,338
Mar-17	59	0	48	93	11,733	30,844,802	2,304,591,795	96.99	31,801,024
Apr-17	68	0	52	58	11,825	30,581,552	2,335,173,347	97.01	31,524,976
May-17	77	0	52	100	11,912	31,231,471	2,366,404,818	96.81	32,260,266
Jun-17	91	2	58	109	11,936	30,005,862	2,396,410,680	96.83	30,988,112
Jul-17	108	2	60	105	11,998	31,551,627	2,427,962,307	97.06	32,505,795
Aug-17	87	1	59	141	12,101	32,750,163	2,460,712,470	96.99	33,767,309
Sep-17	92	0	56	103	12,249	32,113,128	2,492,825,598	96.66	33,223,618
Oct-17	97	1	56	147	12,324	35,594,041	2,528,419,639	96.99	36,699,450
Nov-17	86	0	55	117	12,384	34,840,537	2,563,260,176	97.02	35,909,275
Dec-17	108	0	54	86	12,371	35,351,234	2,598,611,410	96.53	36,620,998
2017	992	9	53	1,183	11,996	382,657,095		96.93	394,756,776
Totals	14,388	185		20,304		2,598,611,410			3,293,378,994