

**INDUSTRIAL COMMISSION OF NORTH DAKOTA  
OIL & GAS DIVISION  
2018 MONTHLY STATISTICAL UPDATE**

Month	Monthly Oil Production	Wells Producing	Average Daily Production	Permits				Spuds	Average Rig Count
				Dev	Ext	WC	Total		
Jan	36,505,281	14,395	1,177,590	150	0	1	151	93	56
Feb	32,900,991	14,416	1,175,035	96	0	0	96	100	57
Mar	36,024,820	14,535	1,162,091	105	0	3	108	122	59
Apr	36,806,359	14,600	1,226,879	104	0	0	104	119	60
May	38,678,065	14,771	1,247,680	120	0	1	121	104	62
Jun	36,932,962	14,798	1,231,099	113	0	0	113	102	63
Jul	39,345,570	14,986	1,269,212	163	0	0	163	123	66
Aug	40,066,158	15,130	1,292,457	152	0	0	152	140	61
Sep	40,777,137	15,291	1,359,238	111	0	2	113	106	65
Oct	43,164,607	15,352	1,392,407	183	0	0	183	143	67
Nov	41,304,086	15,252	1,376,803	116	0	0	116	123	64
Dec	43,442,924	15,351	1,401,385	92	0	0	92	116	67
<b>Totals</b>	<b>465,948,960</b>		<b>1,276,572</b>	<b>1505</b>	<b>0</b>	<b>7</b>	<b>1512</b>	<b>1391</b>	<b>62</b>

## STATE OF NORTH DAKOTA 2018 COUNTY COMPLETION STATISTICS

Cnty	Total Wells	Total Productive	Development		Wildcat		Extension		Recompleted	Re-Entry		Other
			Prod.	Dry	Prod.	Dry	Prod.	Dry		Prod.	Dry	
Bil	18	16	16	0	0	0	0	0	2	0	0	0
Bot	4	3	3	0	0	1	0	0	0	0	0	0
Bke	6	5	5	0	0	0	0	0	0	0	0	1
Div	6	5	3	0	2	1	0	0	0	0	0	0
Dun	240	234	234	1	0	0	0	0	2	0	0	3
GV	1	1	0	0	1	0	0	0	0	0	0	0
McK	521	504	504	3	0	0	0	0	3	0	0	11
McCl	2	0	0	0	0	2	0	0	0	0	0	0
Mou	214	211	211	0	0	1	0	0	1	0	0	1
Oliv	1	0	0	0	0	1	0	0	0	0	0	0
Ren	5	2	0	0	2	1	0	1	1	0	0	0
Stk	6	5	5	0	0	1	0	0	0	0	0	0
Wil	287	274	274	0	0	0	0	1	1	0	0	11
<b>Total</b>	<b>1311</b>	<b>1260</b>	<b>1255</b>	<b>4</b>	<b>5</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>27</b>

## 2018 COUNTY DRILLING FOOTAGE

County	Development		Wildcat		Extension		Re-Entry		Others	Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Bil	337,141	0	0	0	0	0	0	0	0	337,141
Bot	24,400	0	0	4,713	0	0	0	0	0	29,113
Bke	82,368	0	0	0	0	0	0	0	6,450	88,818
Div	58,881	0	31,385	10,750	0	0	0	0	0	101,016
Dun	4,987,324	9,850	0	0	0	0	0	0	22,918	5,020,092
GV	0	0	12,319	0	0	0	0	0	0	12,319
McK	10,755,585	66,448	0	0	0	0	0	0	66,619	10,888,652
McCl	0	0	0	39,596	0	0	0	0	0	39,596
Mou	4,481,966	0	0	14,056	0	0	0	0	5,850	4,501,872
Oliv	0	0	0	5,316	0	0	0	0	0	5,316
Ren	0	0	12,130	5,300	0	3,846	0	0	0	21,276
Stk	104,253	0	0	10,090	0	0	0	0	0	114,343
Wil	5,755,419	0	0	0	0	9,376	0	0	67,851	5,832,646
<b>Total</b>	<b>26,587,337</b>	<b>76,298</b>	<b>55,834</b>	<b>89,821</b>	<b>0</b>	<b>13,222</b>	<b>0</b>	<b>0</b>	<b>169,688</b>	<b>26,992,200</b>

# STATE OF NORTH DAKOTA

## 2018 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	68	66	65	0	1	0	0	0	1	0	0	1
Feb	78	73	73	0	0	2	0	0	0	0	0	3
Mar	84	80	80	0	0	0	0	0	0	0	0	4
Apr	107	106	106	0	0	0	0	0	1	0	0	0
May	99	93	93	1	0	3	0	1	0	0	0	1
Jun	95	89	89	1	0	1	0	1	3	0	0	0
Jul	147	144	143	0	1	0	0	0	2	0	0	1
Aug	142	135	132	1	3	0	0	0	2	0	0	4
Sep	154	150	150	0	0	0	0	0	0	0	0	4
Oct	121	115	115	1	0	1	0	0	1	0	0	3
Nov	100	96	96	0	0	1	0	0	0	0	0	3
Dec	116	113	113	0	0	0	0	0	0	0	0	3
<b>Total</b>	<b>1311</b>	<b>1260</b>	<b>1255</b>	<b>4</b>	<b>5</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>27</b>

## 2018 STATE-WIDE DRILLING FOOTAGE

Month	Development		Wildcat		Extension		Re-Entry		Others	Monthly Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Jan	1,396,933	0	12,319	0	0	0	0	0	6,222	1,415,474
Feb	1,538,688	0	0	10,029	0	0	0	0	16,681	1,565,398
Mar	1,721,544	0	0	0	0	0	0	0	25,604	1,747,148
Apr	2,306,757	0	0	0	0	0	0	0	0	2,306,757
May	1,964,296	23,612	0	53,652	0	9,376	0	0	5,645	2,056,581
Jun	1,871,509	20,970	0	10,090	0	3,846	0	0	0	1,906,415
Jul	3,013,091	0	6,100	0	0	0	0	0	5,880	3,025,071
Aug	2,798,286	9,850	37,415	0	0	0	0	0	24,355	2,869,906
Sep	3,095,958	0	0	0	0	0	0	0	25,860	3,121,818
Oct	2,430,123	21,866	0	10,750	0	0	0	0	17,378	2,480,117
Nov	2,040,837	0	0	5,300	0	0	0	0	18,893	2,065,030
Dec	2,409,315	0	0	0	0	0	0	0	23,170	2,432,485
<b>Total</b>	<b>26,587,337</b>	<b>76,298</b>	<b>55,834</b>	<b>89,821</b>	<b>0</b>	<b>13,222</b>	<b>0</b>	<b>0</b>	<b>169,688</b>	<b>26,992,200</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
2016	738	6	37	807	11,279	369,779,648	2,215,954,315	97.24	380,264,595
2017	992	9	53	1,183	11,996	382,657,095	2,598,611,410	96.93	394,756,776
Jan-18	65	0	56	151	12,426	35,398,833	2,634,010,243	96.97	36,505,281
Feb-18	73	0	56	96	12,457	31,849,250	2,665,859,493	96.80	32,900,991
Mar-18	80	0	59	108	12,533	34,789,837	2,700,649,330	96.57	36,024,820
Apr-18	106	0	60	104	12,672	35,611,929	2,736,261,259	96.75	36,806,359
May-18	93	4	62	121	12,852	37,549,213	2,773,810,472	97.08	38,678,065
Jun-18	89	1	65	113	12,874	35,902,982	2,809,713,454	97.21	36,932,962
Jul-18	142	0	66	163	13,069	38,405,006	2,848,118,460	97.61	39,345,570
Aug-18	133	0	65	152	13,195	38,987,668	2,887,106,128	97.31	40,066,158
Sep-18	150	0	65	113	13,286	39,660,076	2,926,766,204	97.26	40,777,137
Oct-18	115	1	66	183	13,355	42,027,503	2,968,793,707	97.37	43,164,607
Nov-18	96	0	65	116	13,330	40,267,346	3,009,061,053	97.49	41,304,086
Dec-18	115	0	68	92	13,462	42,368,132	3,051,429,185	97.53	43,442,924
2018	1,257	6	63	1,512	12,959	452,817,775		97.18	465,948,960
Totals	15,645	191		21,816		3,051,429,185			3,759,327,954