

**INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL & GAS DIVISION
2019 MONTHLY STATISTICAL UPDATE**

Month	Monthly Oil Production	Wells Producing	Average Daily Production	Permits				Spuds	Average Rig Count
				Dev	Ext	WC	Total		
Jan	43,520,612	15,425	1,403,891	127	0	0	127	98	66
Feb	37,426,871	15,155	1,336,674	109	0	0	109	85	64
Mar	43,217,849	15,364	1,394,124	133	0	0	133	130	66
Apr	41,776,920	15,506	1,392,564	128	0	1	129	109	63
May	43,245,548	15,704	1,395,018	140	0	0	140	149	65
Jun	42,756,301	15,753	1,425,210	127	0	0	127	111	63
Jul	44,821,793	15,955	1,445,864	141	0	0	141	112	57
Aug	45,911,252	15,974	1,481,008	126	0	1	127	136	62
Sep	43,318,933	16,117	1,443,964	92	0	0	92	85	61
Oct	47,076,220	16,174	1,518,588	124	1	1	126	97	59
Nov	45,571,107	16,110	1,519,037	79	0	0	79	107	56
Dec	45,746,231	15,979	1,475,685	66	0	1	67	121	55
Totals	524,389,637		1,436,684	1392	1	4	1397	1340	61

STATE OF NORTH DAKOTA 2019 COUNTY COMPLETION STATISTICS

Cnty	Total Wells	Total Productive	Development		Wildcat		Extension		Recompleted	Re-Entry		Other
			Prod.	Dry	Prod.	Dry	Prod.	Dry		Prod.	Dry	
Bil	7	3	3	0	0	1	0	0	3	0	0	0
Bot	1	0	0	0	0	0	0	0	0	0	0	1
Bow	1	0	0	0	0	0	0	0	0	0	0	1
Bke	17	13	13	0	0	0	0	0	1	0	0	3
Div	13	12	12	0	0	0	0	0	1	0	0	0
Dun	222	217	217	2	0	0	0	0	1	0	0	2
McK	416	405	404	3	1	0	0	0	2	0	0	6
McCl	1	1	1	0	0	0	0	0	0	0	0	0
Mou	197	197	197	0	0	0	0	0	0	0	0	0
Stk	1	0	0	0	0	1	0	0	0	0	0	0
Wil	305	298	298	0	0	0	0	0	2	0	1	4
Total	1181	1146	1145	5	1	2	0	0	10	0	1	17

2019 COUNTY DRILLING FOOTAGE

County	Development		Wildcat		Extension		Re-Entry		Others	Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Bil	65,512	0	0	8,299	0	0	0	0	0	73,811
Bot	0	0	0	0	0	0	0	0	4,185	4,185
Bow	0	0	0	0	0	0	0	0	8,436	8,436
Bke	237,131	0	0	0	0	0	0	0	16,351	253,482
Div	232,647	0	0	0	0	0	0	0	0	232,647
Dun	4,615,900	48,029	0	0	0	0	0	0	12,570	4,676,499
McK	8,891,634	54,057	13,970	0	0	0	0	0	36,957	8,996,618
McCl	27,562	0	0	0	0	0	0	0	0	27,562
Mou	4,019,283	0	0	0	0	0	0	0	0	4,019,283
Stk	0	0	0	23,292	0	0	0	0	0	23,292
Wil	6,179,828	0	0	0	0	0	0	13,990	24,834	6,218,652
Total	24,269,497	102,086	13,970	31,591	0	0	0	13,990	103,333	24,534,467

STATE OF NORTH DAKOTA 2019 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	94	92	91	1	1	0	0	0	0	0	0	1
Feb	72	69	69	1	0	0	0	0	2	0	0	0
Mar	70	67	67	0	0	0	0	0	0	0	0	3
Apr	101	99	99	0	0	0	0	0	2	0	0	0
May	114	111	111	1	0	0	0	0	1	0	0	1
Jun	142	138	138	1	0	0	0	0	0	0	0	3
Jul	146	144	144	0	0	1	0	0	1	0	0	0
Aug	110	106	106	0	0	0	0	0	1	0	0	3
Sep	121	115	115	0	0	0	0	0	2	0	0	4
Oct	104	100	100	0	0	0	0	0	1	0	1	2
Nov	62	60	60	1	0	1	0	0	0	0	0	0
Dec	45	45	45	0	0	0	0	0	0	0	0	0
Total	1181	1146	1145	5	1	2	0	0	10	0	1	17

2019 STATE-WIDE DRILLING FOOTAGE

Month	Development		Wildcat		Extension		Re-Entry		Others	Monthly Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Jan	1,958,138	10,281	13,970	0	0	0	0	0	5,635	1,988,024
Feb	1,457,636	21,613	0	0	0	0	0	0	0	1,479,249
Mar	1,372,040	0	0	0	0	0	0	0	21,247	1,393,287
Apr	2,131,878	0	0	0	0	0	0	0	0	2,131,878
May	2,419,576	22,163	0	0	0	0	0	0	5,678	2,447,417
Jun	2,954,705	11,224	0	0	0	0	0	0	18,422	2,984,351
Jul	3,067,468	0	0	23,292	0	0	0	0	0	3,090,760
Aug	2,203,100	0	0	0	0	0	0	0	17,022	2,220,122
Sep	2,406,371	0	0	0	0	0	0	0	22,174	2,428,545
Oct	2,098,422	0	0	0	0	0	0	0	13,155	2,111,577
Nov	1,276,321	36,805	0	8,299	0	0	0	13,990	0	1,335,415
Dec	923,842	0	0	0	0	0	0	0	0	923,842
Total	24,269,497	102,086	13,970	31,591	0	0	0	13,990	103,333	24,534,467

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
2018	1,257	6	63	1,512	12,959	452,817,775	3,051,429,185	97.18	465,948,960
Jan-19	91	1	68	127	13,461	42,339,605	3,093,768,790	97.29	43,520,612
Feb-19	69	1	66	109	13,263	36,429,916	3,130,198,706	97.34	37,426,871
Mar-19	67	0	68	133	13,485	42,095,637	3,172,294,343	97.40	43,217,849
Apr-19	99	0	64	129	13,623	40,666,248	3,212,960,591	97.34	41,776,920
May-19	111	1	65	140	13,790	41,992,568	3,254,953,159	97.10	43,245,548
Jun-19	138	1	63	127	13,862	41,658,652	3,296,611,811	97.43	42,756,301
Jul-19	144	0	60	141	13,979	43,692,835	3,340,304,646	97.48	44,821,793
Aug-19	106	0	62	127	14,080	44,711,283	3,385,015,929	97.39	45,911,252
Sep-19	115	0	61	92	14,178	42,228,419	3,427,244,348	97.48	43,318,933
Oct-19	100	0	59	126	14,201	45,865,718	3,473,110,066	97.43	47,076,220
Nov-19	60	1	57	79	14,176	44,414,840	3,517,524,906	97.46	45,571,107
Dec-19	45	0	57	67	14,126	44,559,790	3,562,084,696	97.41	45,746,231
2019	1,145	5	63	1,397	13,852	510,655,511		97.38	524,389,637
Totals	16,790	196		23,213		3,562,084,696			4,283,717,591