

**INDUSTRIAL COMMISSION OF NORTH DAKOTA  
OIL & GAS DIVISION  
1998 MONTHLY STATISTICAL UPDATE**

Month	Monthly Oil Production	Wells Producing	Average Daily Production	Permits				Spuds	Average Rig Count
				Dev	Ext	WC	Total		
Jan	3,141,651	3,347	101,344	7	1	2	10	14	19
Feb	2,730,807	3,336	94,166	11	2	2	15	7	15
Mar	3,040,237	3,292	98,072	3	1	2	6	12	13
Apr	3,022,572	3,329	100,752	2	0	2	4	9	11
May	3,113,640	3,316	100,440	7	1	3	11	12	12
Jun	2,976,521	3,289	99,217	8	1	3	12	16	15
Jul	2,987,234	3,155	96,362	6	0	1	7	12	15
Aug	2,971,384	3,130	95,851	5	0	0	5	9	11
Sep	2,849,422	3,151	94,981	4	0	2	6	6	7
Oct	2,965,495	3,168	95,661	3	0	2	5	6	7
Nov	2,869,271	3,137	95,642	3	0	2	5	2	7
Dec	2,895,790	3,109	93,413	0	1	1	2	5	5
<b>Totals</b>	<b>35,564,024</b>		<b>97,436</b>	<b>59</b>	<b>7</b>	<b>22</b>	<b>88</b>	<b>110</b>	<b>11</b>

Updated: March 31, 1999

# STATE OF NORTH DAKOTA 1998 WELL COMPLETION STATISTICS

Month	Total Wells	Total Prod.	Development		Wildcat		Extension		Recom- pleted	Re-entry		Other
			Prod.	Dry	Prod.	Dry	Prod.	Dry		Prod.	Dry	
Jan	15	14	12	1	1	0	1	0	3	0	0	4
Feb	15	10	8	1	1	4	1	0	0	0	0	5
Mar	13	11	9	1	0	0	2	1	0	0	0	7
Apr	12	9	8	1	0	1	1	1	3	2	0	4
May	7	6	6	0	0	1	0	0	2	0	0	2
Jun	11	8	8	0	0	3	0	0	3	3	0	5
Jul	12	8	7	1	1	3	0	0	0	4	0	6
Aug	7	6	4	0	2	1	0	0	2	0	1	4
Sep	7	7	6	0	1	0	0	0	0	1	1	2
Oct	5	4	4	0	0	1	0	0	0	1	0	3
Nov	3	2	2	1	0	0	0	0	0	0	1	1
Dec	5	5	5	0	0	0	0	0	1	0	0	1
<b>Total</b>	<b>112</b>	<b>90</b>	<b>79</b>	<b>6</b>	<b>6</b>	<b>14</b>	<b>5</b>	<b>2</b>	<b>14</b>	<b>11</b>	<b>3</b>	<b>44</b>

## 1998 DRILLING STATISTICS

Month	Development		Wildcat		Extension		Re-entry		Others	Monthly Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Jan	114109	12343	11700	0	11724	0	0	0	8640	158516
Feb	96353	14637	11670	39756	11849	0	0	0	13517	187782
Mar	115422	9620	0	0	25607	6043	0	0	6723	163415
Apr	101377	6060	0	9480	13247	10580	7583	0	2802	151129
May	85274	0	0	9800	0	0	0	0	1353	96427
Jun	109538	0	0	22740	0	0	6684	0	3830	142792
Jul	96683	9170	13136	29284	0	0	8449	0	7887	164609
Aug	53064	0	32780	10720	0	0	0	1236	4886	102686
Sep	73031	0	11656	0	0	0	1875	2113	2200	90875
Oct	61960	0	0	8600	0	0	8101	0	1394	80055
Nov	28220	10375	0	0	0	0	0	0	666	39261
Dec	71376	0	0	0	0	0	0	0	1436	72812
<b>Total</b>	<b>1006407</b>	<b>62205</b>	<b>80942</b>	<b>130380</b>	<b>62427</b>	<b>16623</b>	<b>32692</b>	<b>3349</b>	<b>55334</b>	<b>1450359</b>

# STATE OF NORTH DAKOTA 1998 COUNTY COMPLETION STATISTICS

Cty	Total Wells	Total Prod.	Development		Wildcat		Extension		Recom- pleted	Re-entry		Other
			Prod.	Dry	Prod.	Dry	Prod.	Dry		Prod.	Dry	
Bil	10	9	7	0	0	1	2	0	2	0	0	5
Bot	9	8	8	0	0	1	0	0	0	0	0	3
Bow	32	30	30	2	0	0	0	0	0	0	1	17
Bke	14	13	12	1	1	0	0	0	1	1	0	7
Div	3	1	0	0	1	1	0	1	2	0	0	0
Dun	5	3	3	0	0	2	0	0	0	0	2	0
Gv	4	2	1	1	1	1	0	0	3	0	0	2
McK	9	9	7	0	1	0	1	0	6	2	0	2
McL	0	0	0	0	0	0	0	0	0	0	0	0
Mou	2	2	1	0	1	0	0	0	0	3	0	1
Ren	2	0	0	0	0	1	0	1	0	0	0	0
Stk	3	1	1	1	0	1	0	0	0	0	0	2
Wrd	1	0	0	0	0	1	0	0	0	0	0	0
Wil	12	9	8	1	1	2	0	0	0	5	0	4
Oth	6	3	1	0	0	3	2	0	0	0	0	1
<b>Total</b>	<b>112</b>	<b>90</b>	<b>79</b>	<b>6</b>	<b>6</b>	<b>14</b>	<b>5</b>	<b>2</b>	<b>14</b>	<b>11</b>	<b>3</b>	<b>44</b>

# 1998 COUNTY DRILLING STATISTICS

Cty	Development		Wildcat		Extension		Re-entry		Others	Total Footage
	Prod.	Dry	Prod.	Dry	Prod.	Dry	Prod.	Dry		
Bil	81265	0	0	12300	22802	0	0	0	4594	120961
Bot	40517	0	0	4200	0	0	0	0	9935	54652
Bow	416528	24257	0	0	0	0	0	0	16833	457618
Bke	208618	6060	19430	0	0	0	8101	0	5385	247594
Div	0	0	11670	8600	0	10580	0	0	0	30850
Dun	33440	0	0	21460	0	0	0	3349	0	58249
Gv	12560	9170	11700	12231	0	0	0	0	926	46587
McK	89552	0	13350	0	13247	0	3693	0	798	120640
McL	0	0	0	0	0	0	0	0	0	0
Mou	11402	0	13136	0	0	0	5172	0	358	30068
Ren	0	0	0	5800	0	6043	0	0	0	11843
Stk	9800	10375	0	10000	0	0	0	0	2306	32481
Wrd	0	0	0	6200	0	0	0	0	0	6200
Wil	90476	12343	11656	24841	0	0	15726	0	13703	168745
Oth	12249	0	0	24748	26378	0	0	0	496	63871
<b>Total</b>	<b>1006407</b>	<b>62205</b>	<b>80942</b>	<b>130380</b>	<b>62427</b>	<b>16623</b>	<b>32692</b>	<b>3349</b>	<b>55334</b>	<b>1450359</b>

# STATE OF NORTH DAKOTA HORIZONTAL STATISTICAL UPDATE

YEAR MONTH	PROD	DRY	RIGS DRILLING	PERMITS ISSUED	PRODUCTION	PERCENT OF STATE
YEAR 86	0	0	0.0	1	0	0.0
YEAR 87	1	0	0.2	3	10516	< 0.1
YEAR 88	9	0	2.2	12	222910	0.6
YEAR 89	29	3	5.7	74	959861	2.6
YEAR 90	66	11	11.6	97	2744638	7.5
YEAR 91	45	4	6.3	41	3706820	10.3
YEAR 92	34	0	3.8	40	3004362	9.1
YEAR 93	26	2	2.9	34	2462631	8.0
YEAR 94	25	2	2.9	38	1872464	6.8
YEAR 95	51	7	6.2	205	2533115	8.6
YEAR 96	97	10	10.8	436	6225074	19.3
YEAR 97	108	5	12.5	121	8097001	22.6
98 JAN	10	1	13	6	794724	25.3
98 FEB	6	2	8	7	685953	25.2
98 MAR	9	1	6	5	760589	25.0
98 APR	7	0	7	3	747974	24.7
98 MAY	3	0	10	9	755310	24.3
98 JUN	11	0	10	8	722235	24.3
98 JUL	10	0	8	6	742439	24.9
98 AUG	5	1	7	7	720511	24.3
98 SEP	5	1	5	4	678664	23.8
98 OCT	5	0	4	4	700760	23.6
98 NOV	1	0	4	3	669586	23.3
98 DEC	5	0	2	0	645548	22.3
YEAR 98	77	6	7.0	62	8624293	22.6
TOTALS	568	50		1164	40463685	