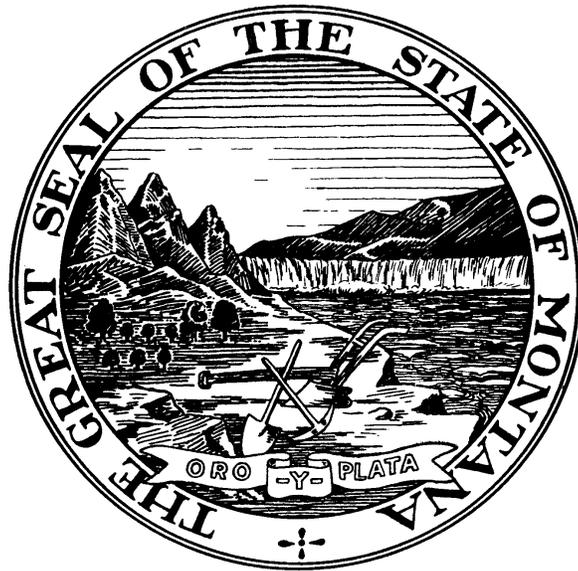


**DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
OF THE STATE OF MONTANA**

**Oil and Gas  
Conservation Division**

Steve Bullock, Governor



**ANNUAL REVIEW 2018  
Volume 62**

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Wibaux, Montana

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HELENA, MONTANA 59620

**DAVE POPP**  
**FIELD SUPERVISOR**  
2535 ST. JOHNS AVENUE  
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## **OFFICES LOCATED AT:**

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## **Annual Review for the Year 2018 Volume 62**

Additional statistical information is available on the Board's website

**<http://www.bogc.dnrc.mt.gov>**

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## 2018 Summary

### Production

	Reported Volume		Change From Previous Year
Total Liquids Production	21,549,411	Barrels	4.02%
Oil	21,546,286	Barrels	4.02%
Condensate	3,125	Barrels	-25.31%
Total Gas Production	47,129,313	MCF	-4.67%
Associated Gas	21,464,651	MCF	1.40%
Natural Gas	25,664,662	MCF	-9.22%
Oil And Condensate Production Allocated To Fields			21,549,411 Barrels
Gas Production Allocated To Fields			47,129,313 MCF

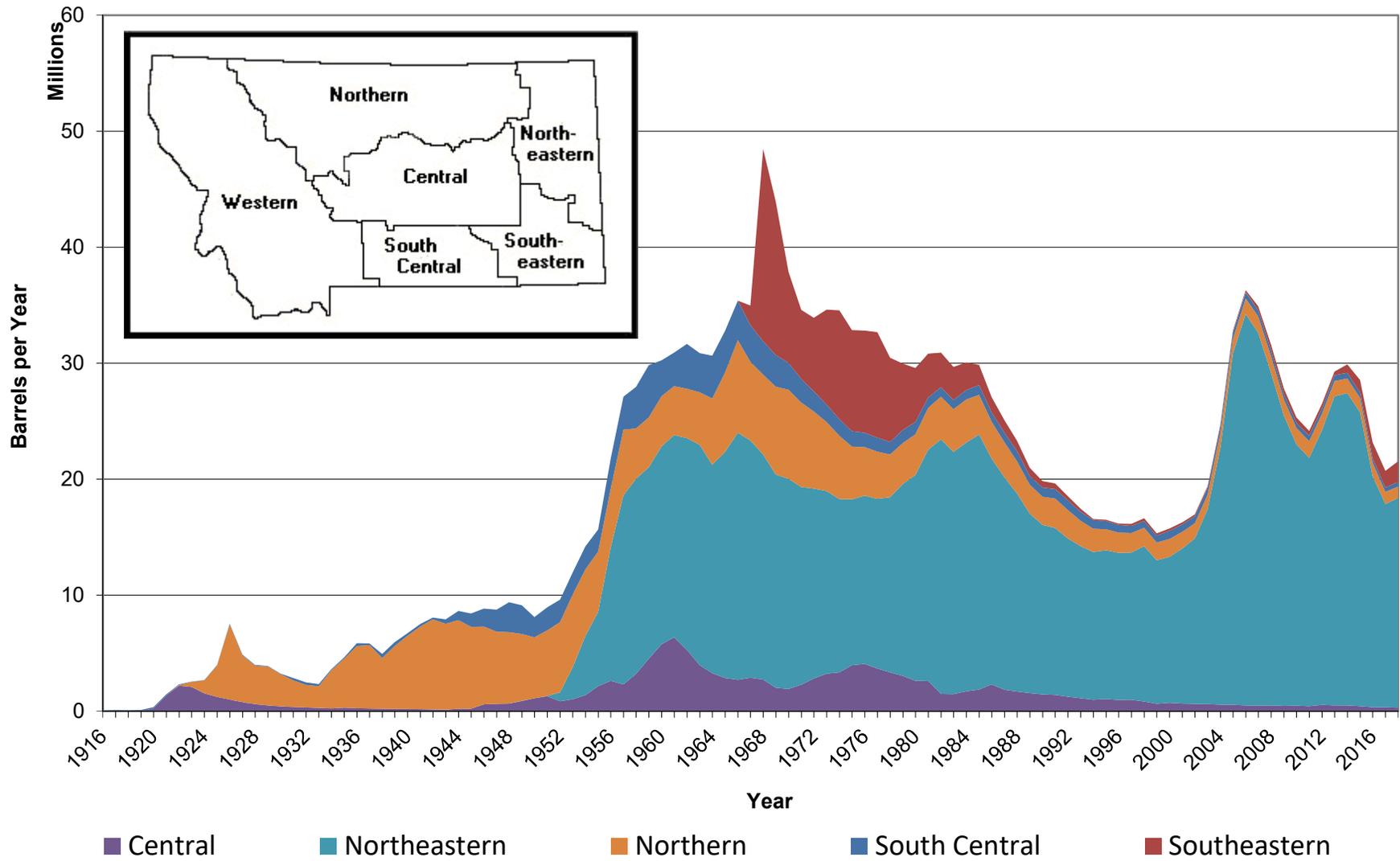
### Permits

Wells Permitted	60	Re-issued Permits	71
New Vertical Wells	22		
New Horizontal Wells	33		
Re-entry of Abandoned Wells	5		
Permits for Horizontal Re-entry Of Existing Vertical Wells			1

### Board Orders

Total Number Of Orders Issued	97	
Orders Included The Following Actions:		Number Of Actions
Units Or Enhanced Recovery Projects		2
Exception To Spacing Or Field Rules		6
Field Delineation, Enlargement, Or Reduction		3
Certification For Tax Incentive		0
Temporary Or Permanent Spacing Unit Designation		37
Class II Injection Permits		10
Other		42

# Crude Oil Production



## Five-Year Production Summary

	2014	2015	2016	2017	2018
<b>OIL PRODUCTION IN BARRELS</b>					
Northern Montana	1,268,752	1,239,271	1,130,876	1,041,827	998,818
Central	489,284	419,679	347,736	332,539	302,692
South Central	474,108	447,842	390,147	369,482	393,751
Northeastern	26,922,995	25,350,240	19,929,705	17,525,231	18,064,071
Southeastern	735,895	1,093,682	1,374,972	1,443,971	1,786,954
<b>Total</b>	<b>29,891,034</b>	<b>28,550,714</b>	<b>23,173,436</b>	<b>20,713,050</b>	<b>21,546,286</b>

### NUMBER OF PRODUCING OIL WELLS

Northern Montana	2,066	2,116	2,069	2,024	2,009
Central	217	205	182	169	167
South Central	134	131	104	115	123
Northeastern	2,465	2,410	2,266	2,202	2,220
Southeastern	71	85	92	93	106
<b>Total</b>	<b>4,953</b>	<b>4,947</b>	<b>4,713</b>	<b>4,603</b>	<b>4,625</b>

### AVERAGE DAILY OIL PRODUCTION PER WELL

Northern Montana	2.0	1.9	1.8	1.7	1.7
Central	8.1	7.6	7.4	7.2	7.4
South Central	10.6	10.2	11.3	10.9	10.5
Northeastern	34.5	33.1	27.7	24.6	25.4
Southeastern	39.0	44.0	48.3	50.4	55.0
<b>State Average</b>	<b>19.4</b>	<b>18.5</b>	<b>15.8</b>	<b>14.4</b>	<b>15.2</b>

### NON-ASSOCIATED GAS PRODUCTION IN MCF

Northern Montana	25,265,472	23,813,125	21,300,986	20,684,300	18,713,045
Central	136,493	122,063	118,444	107,146	36,695
South Central	1,330,700	1,152,633	1,009,180	865,436	698,295
Northeastern	8,530,464	7,813,685	7,045,940	6,574,416	6,183,928
Southeastern	73,334	56,205	43,383	39,039	32,699
<b>Total</b>	<b>35,336,463</b>	<b>32,957,711</b>	<b>29,517,933</b>	<b>28,270,337</b>	<b>25,664,662</b>

### NUMBER OF PRODUCING GAS WELLS

Northern Montana	4,427	4,436	4,230	4,202	4,099
Central	11	11	11	9	10
South Central	233	237	210	207	195
Northeastern	923	928	990	979	975
Southeastern	6	4	5	5	5
<b>Total</b>	<b>5,600</b>	<b>5,616</b>	<b>5,446</b>	<b>5,402</b>	<b>5,284</b>

### AVERAGE DAILY GAS PRODUCTION PER WELL

Northern Montana	17.4	16.6	15.6	15.2	14.3
Central	39.1	41.7	44.0	35.3	22.4
South Central	17.7	16.2	14.7	14.7	13.2
Northeastern	28.0	23.5	20.5	18.5	17.8
Southeastern	39.9	38.7	29.6	26.3	22.3
<b>State Average</b>	<b>19.2</b>	<b>17.9</b>	<b>16.6</b>	<b>15.8</b>	<b>15.0</b>

## 2018 Refiners' Annual Report

### Summary

Company	Beginning Storage	Montana Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
CHS	445,453	827,598	554,287	17,104,916	18,626,009	306,245
Phillips 66	214,026	84,676	216,651	22,812,001	23,157,200	170,154
Exxon Corp.	307,514	0	2,982,113	14,474,306	17,570,418	193,515
Calumet	70,627	0	0	9,020,187	9,012,714	78,100
<b>Total:</b>	<b>1,037,620</b>	<b>912,274</b>	<b>3,753,051</b>	<b>63,411,410</b>	<b>68,366,341</b>	<b>748,014</b>

### Percentage Of Crude Oil Received\*

Year	Montana	Wyoming	Canada
2013	2.25	11.19	86.55
2014	2.34	9.66	88.00
2015	2.17	9.64	88.22
2016	1.76	6.96	91.28
2017	1.83	5.13	93.69
2018	1.33	5.49	92.75

### Average Barrels Per Day

Year	Montana	Wyoming	Canada	Total
2013	3,929	19,525	150,964	174,418
2014	4,055	16,757	152,609	173,421
2015	4,064	18,012	164,721	186,797
2016	3,210	12,701	166,554	182,465
2017	3,267	9,161	167,250	179,677
2018	2,499	10,282	173,730	186,512

### Refining Five Year Comparison (Barrels)

2014	2015	2016	2017	2018
63,359,580	68,148,875	66,556,399	65,154,898	68,366,341

## Five-Year Permit Summary

<b>2014</b>		<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter	1	39	0	0	0	0	0	0	39
Quarter	2	60	2	0	0	0	1	0	63
Quarter	3	85	8	0	0	0	0	1	94
Quarter	4	56	17	0	0	0	1	0	74
Total	2014	240	27	0	0	0	2	1	270
<b>2015</b>		<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter	1	16	0	0	0	0	0	1	17
Quarter	2	12	2	0	0	3	0	0	17
Quarter	3	14	5	0	0	1	0	0	20
Quarter	4	3	1	0	0	0	0	0	4
Total	2015	45	8	0	0	4	0	1	58
<b>2016</b>		<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter	1	3	0	0	0	0	0	0	3
Quarter	2	5	0	0	0	0	0	0	5
Quarter	3	5	2	0	0	0	0	0	7
Quarter	4	7	1	0	0	0	1	0	9
Total	2016	20	3	0	0	0	1	0	24
<b>2017</b>		<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter	1	1	2	0	0	0	0	0	3
Quarter	2	2	3	0	0	0	0	0	5
Quarter	3	12	2	0	0	0	0	0	14
Quarter	4	12	0	0	0	0	0	0	12
Total	2017	27	7	0	0	0	0	0	34
<b>2018</b>		<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter	1	10	0	0	0	0	0	0	10
Quarter	2	5	0	5	0	0	1	0	11
Quarter	3	19	0	0	0	0	0	0	19
Quarter	4	20	0	0	0	0	0	0	20
Total	2018	54	0	5	0	0	1	0	60

## Five-Year Completion Summary

<b>2014</b>	<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Dry</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter 1	32	0	0	0	3	1	0	0	36
Quarter 2	45	1	0	0	9	10	0	0	65
Quarter 3	50	2	0	0	4	1	1	2	60
Quarter 4	45	18	0	0	2	0	0	0	65
Total 2014	172	21	0	0	18	12	1	2	226
<b>2015</b>	<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Dry</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter 1	30	1	0	0	4	1	1	2	39
Quarter 2	9	0	0	0	0	3	1	0	13
Quarter 3	7	1	0	0	6	0	0	0	14
Quarter 4	8	0	0	0	3	1	0	0	12
Total 2015	54	2	0	0	13	5	2	2	78
<b>2016</b>	<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Dry</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter 1	0	1	0	0	0	1	0	0	2
Quarter 2	0	0	0	0	1	0	0	0	1
Quarter 3	1	0	0	0	3	0	0	0	4
Quarter 4	3	1	0	0	0	0	1	0	5
Total 2016	4	2	0	0	4	1	1	0	12
<b>2017</b>	<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Dry</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter 1	0	0	0	0	3	0	0	0	3
Quarter 2	5	0	0	0	0	0	0	0	5
Quarter 3	2	1	0	0	0	1	1	0	5
Quarter 4	3	0	0	0	1	0	1	0	5
Total 2017	10	1	0	0	4	1	2	0	18
<b>2018</b>	<b>Oil</b>	<b>Gas</b>	<b>CBM</b>	<b>Gas Storage</b>	<b>Dry</b>	<b>Injection</b>	<b>Disposal</b>	<b>Other</b>	<b>Total</b>
Quarter 1	4	0	0	0	0	0	1	0	5
Quarter 2	13	0	0	0	1	0	0	0	14
Quarter 3	8	0	1	0	2	0	1	0	12
Quarter 4	14	1	0	0	2	0	0	0	17
Total 2018	39	1	1	0	5	0	2	0	48

## 2018 Top 100 Oil Producers

Company	Barrels of Oil	Company	Barrels of Oil
1 Denbury Onshore, LLC	5,730,304	51 Sinclair Oil & Gas Company	17,413
2 Continental Resources Inc	2,969,415	52 H&R Energy, LLC	17,001
3 Kraken Operating, LLC	2,361,372	53 SDOCO, LLC	16,777
4 XTO Energy Inc.	1,691,058	54 Provident Energy Of Montana, LLC	16,677
5 Oasis Petroleum North America LLC	1,173,016	55 Hawley & Desimon	16,069
6 Enerplus Resources USA Corporation	948,178	56 Montana Land & Exploration, Inc.	15,804
7 Whiting Oil and Gas Corporation	851,355	57 Nine Point Energy, LLC	15,441
8 White Rock Oil & Gas, LLC	777,822	58 Apex Energy LLC	14,060
9 Petro-Hunt, LLC	490,359	59 Beren Corporation	13,241
10 Grizzly Operating, LLC	340,561	60 Alta Vista Oil Corporation	12,290
11 Equinor Energy LP	334,452	61 D & M Welding LLC	10,223
12 EOG Resources, Inc.	307,156	62 Chelin LLC	10,212
13 Burlington Resources Oil & Gas Company LP	305,791	63 McPhillips, Bernice	10,075
14 Slawson Exploration Company Inc	279,832	64 Manuel Corporation	10,029
15 Legacy Reserves Operating LP	245,904	65 Carrell Oil Company Dbaco	9,782
16 Citation Oil & Gas Corp.	225,796	66 Montalban Oil & Gas Operations, Inc.	9,650
17 TAQA USA, Inc.	157,363	67 Hawley Oil Company	9,522
18 Newfield Production Company	151,688	68 Keesun Corporation	9,345
19 Synergy Offshore LLC	133,798	69 Sands Oil Company	9,233
20 MCR, LLC	114,741	70 D & H Energy, LLC	9,181
21 Poplar Resources LLC	100,973	71 Lonewolf Operating, LLC	8,781
22 Wesco Operating, Inc.	100,479	72 Morken Production LLC	8,748
23 Samson Oil and Gas USA, Inc.	92,578	73 T.W.O. (Taylor Well Operating)	8,040
24 Somont Oil Company, Inc.	91,120	74 McRae & Henry Ltd	7,298
25 True Oil LLC	88,272	75 Chaco Energy Company	7,196
26 Northern Oil Production, Inc.	87,366	76 Big Gully Oil, LLC	6,993
27 Rim Operating, Inc.	86,949	77 Missouri River Royalty Corporation	6,981
28 Omimex Canada, Ltd.	80,796	78 Macum Energy Inc.	6,817
29 Anadarko Minerals, Inc.	70,057	79 King-Sherwood Oil	6,713
30 Tomahawk Oil Company, Inc.	48,055	80 Darrah Oil Company, LLC	6,633
31 EnergyQuest II, LLC	46,374	81 Unit Petroleum Company	6,421
32 Cardinal Oil, LLC	44,186	82 MBI Oil and Gas, LLC	6,370
33 Foundation Energy Management, LLC	40,400	83 R & A Oil, Inc.	5,943
34 Abraxas Petroleum Corporation	38,583	84 Pamect Oil, Keith E. Tyner Dbaco	5,798
35 Bayswater Exploration & Production, LLC	37,309	85 Grand Resources, Ltd.	5,382
36 Balko, Inc.	35,430	86 Painted Pegasus Petroleum LLC dba P3 Petrol	5,362
37 Behm Energy, Inc.	35,238	87 Ritchie Exploration, Inc.	4,907
38 Soap Creek Associates, Inc.	33,721	88 Tyler Oil Company	4,862
39 Cline Production Company	33,716	89 Sonkar, Inc.	4,764
40 FX Drilling Company, Inc.	32,368	90 Comanche Drilling Company	4,724
41 Armstrong Operating, Inc.	27,623	91 Montana Heartland LLC	4,722
42 Three Forks Resources, LLC	25,814	92 XOIL Inc.	4,639
43 Mountain View Energy, Inc.	24,876	93 Drawings, LLC	4,560
44 Cowry Enterprises, Ltd.	24,386	94 Presco, Inc.	4,540
45 Shakespeare Oil Co Inc	24,081	95 Vecta Oil & Gas, Ltd.	4,357
46 Croft Petroleum Co.	22,726	96 Briscoe Petroleum, LLC	4,243
47 Interstate Explorations, LLC	20,288	97 Hawley Hydrocarbons, Merrill&Carol Hawley D	4,059
48 Beartooth Oil & Gas Company	20,150	98 Robert Hawkins, Inc.	3,985
49 Vess Oil Corporation	18,763	99 M & K Oil Company	3,829
50 Scout Energy Management LLC	18,430	100 Glacier Production, Inc.	3,761

## 2018 Top Gas Producers

(Includes operators with over 10,000 MCF of gas produced during the calendar year.)

Company	MCF	Company	MCF
1 Scout Energy Management LLC	14,283,286		
2 NorthWestern Corporation	6,316,035		
3 Omimex Canada, Ltd.	1,079,787		
4 MCR, LLC	454,614		
5 Croft Petroleum Co.	367,239		
6 Somont Oil Company, Inc.	321,767		
7 Ranck Oil Company, Inc.	239,922		
8 Big Sky Energy, LLC	238,153		
9 Western Natural Gas Company	210,875		
10 Summit Gas Resources, Inc.	185,444		
11 Jurassic Resources Development NA LLC	176,597		
12 Keesun Corporation	169,195		
13 LaMarsa Corp.	155,605		
14 Brown, J. Burns Operating Company	144,094		
15 Chippewa Cree Tribe	112,962		
16 T.W.O. (Taylor Well Operating)	109,424		
17 A. B. Energy LLC	103,501		
18 Highline Exploration, Inc.	70,767		
19 Saga Petroleum, LLC	62,232		
20 Sands Oil Company	58,415		
21 Lonewolf Operating, LLC	54,738		
22 Bayswater Exploration & Production, LLC	50,567		
23 Balko, Inc.	48,124		
24 Montana Land & Exploration, Inc.	45,816		
25 White Rock Oil & Gas, LLC	44,391		
26 Artex Oil Company	44,047		
27 D & H Energy, LLC	38,041		
28 Macum Energy Inc.	36,942		
29 Decker Operating Company, L.L.C.	35,231		
30 Alme, Henry A.	32,084		
31 Montana Heartland LLC	31,904		
32 Remuda Energy Development, LLC	30,013		
33 Topaz Oil & Gas Inc	29,771		
34 Saco, Town Of	27,504		
35 DL Energy, LLC	25,147		
36 Parsell, R. W.	19,215		
37 Rimrock Colony	18,047		
38 American Midwest Oil & Gas Corp.	16,790		
39 Ballantyne Ventures LLC	14,460		
40 Three Forks Resources, LLC	14,184		

## 2018 Top Oil And Gas Producing Fields

Oil Fields		Gas Fields	
Field	Barrels	Field	MCF
1 Elm Coulee	6,308,917	1 Cedar Creek	5,939,214
2 Elm Coulee, Northeast	5,025,815	2 Bowdoin	5,529,590
3 Bell Creek	1,771,376	3 Tiger Ridge	3,080,519
4 Pennel	1,141,259	4 Whitewater	1,243,135
5 Cabin Creek	671,854	5 Loring	766,057
6 Lookout Butte, East, Unit	598,446	6 Ashfield	666,225
7 Pine	551,953	7 Battle Creek	633,861
8 Lookout Butte	437,780	8 Bullwacker	608,515
9 Elk Basin	319,383	9 Sawtooth Mountain	601,524
10 Cut Bank	211,631	10 Cut Bank	458,512
11 Windy Ridge	207,337	11 Sherard, Area	420,208
12 Kevin-Sunburst	174,378	12 Loring, East	342,981
13 Little Beaver	163,153	13 Red Rock	325,107
14 Bloomfield, South	156,151	14 Prairie Dell	306,661
15 Bloomfield	150,626	15 Whitlash	304,765
16 Flat Lake	142,960	16 Kevin-Sunburst	283,176
17 Bowes	138,962	17 St. Joe Road	275,324
18 Pondera	128,168	18 Dry Creek	218,746
19 Bainville, North	120,937	19 Pine Gas	208,501
20 Monarch	113,665	20 Old Shelby	192,294
21 Mon Dak, West	103,023	21 Amanda	186,936
22 Little Beaver, East	100,182	22 Keith, East	185,195
23 Gas City	83,027	23 Rocky Boy Area	154,758
24 Poplar, East	77,841	24 Bowes	136,611
25 Sioux Pass	74,963	25 Dietz	129,926
26 Glendive	64,525	26 Whitewater, East	120,538
27 Bainville II	59,485	27 Swanson Creek	120,470
28 Brush Lake	57,189	28 Kevin Southwest	105,815
29 Poplar, Northwest	53,307	29 Fresno	86,048
30 Rabbit Hills	51,838	30 Badlands	77,224
31 Lustre	50,156	31 Arch Apex	71,538
32 Ridgelawn	49,122	32 Toluca	70,767
33 Deer Creek	49,054	33 Kevin-Sunburst Nisku Gas	61,623
34 Bainville	46,033	34 Willow Ridge, South	60,660
35 Divide	45,690	35 Leroy	60,259
36 Nohly	44,875	36 Black Coulee	58,809
37 Reagan	44,539	37 Coal Creek	55,518
38 Waterhole Creek	43,318	38 Kicking Horse	55,157
39 Sumatra	42,532	39 Brown's Coulee, East	52,159
40 High Five	40,385	40 Big Coulee	50,284
41 Fairview	39,589	41 Ledger	48,124
42 Sioux Pass, North	39,426	42 Loring, West	47,828
43 Whitlash	39,113	43 Big Rock	46,936
44 Lane	37,207	44 Grandview	45,887
45 Anvil, North	36,257	45 Dry Creek (Shallow Gas)	38,837
46 Palomino	35,548	46 Dry Creek, West	36,942
47 Red Bank	34,261	47 Miners Coulee	36,623
48 Katy Lake, North	34,012	48 Golden Dome	36,493
49 Vaux	32,744	49 Lake Basin	34,891
50 Wills Creek, South	31,394	50 Ethridge	34,047

## 2018 Field Summary, Reported Oil Fields

Field	Annual Oil Barrels	Cumulative Barrels	Field	Annual Oil Barrels	Cumulative Barrels
Ace High		3,686	Buffalo Flat		603
Agawam		79	Buffalo Lake		4,267
Alkali Coulee		53,229	Burget	2,476	155,496
Andes		21,175	Burget, East	10,092	725,497
Antelope		223,521	Burns Creek		269,005
Antelope, North		2,484	Burns Creek, South	1,245	89,089
Anvil	12,967	5,753,137	Butcher Creek		579
Anvil, North	36,257	708,197	Bynum		5,971
Ash Creek		868,169	Bynum, North	205	421
Ator Creek	904	53,325	Cabaret Coulee		462,275
Autumn		35,546	Cabin Creek	671,854	121,228,408
Bainville	46,033	2,348,437	Cadmus		1,173
Bainville (Ratcliffe/Mission Canyon)	2,852	129,043	Canadian Coulee	261	14,016
Bainville II	59,485	2,048,285	Canal	20,804	1,724,171
Bainville, North	120,937	10,176,003	Cannon Ball		74,779
Bainville, West	15,862	734,311	Carlyle		330,289
Bannatyne	4,934	547,688	Carlyle, West	6,132	52,262
Bascom		27,830	Cat Creek	15,452	24,483,373
Battle Creek, South, Oil	6,243	201,298	Cattails	12,509	1,546,196
Beanblossom	2,745	755,027	Cattails, South	2,475	420,571
Bear's Den	1,691	820,889	Charlie Creek	21,960	1,250,075
Belfry		101,245	Charlie Creek, East	13,834	1,406,837
Bell Creek	1,771,376	142,728,485	Charlie Creek, North		43,894
Benrud		289,695	Chelsea Creek		154,396
Benrud, East	3,292	3,058,154	Clark's Fork	277	105,031
Benrud, Northeast		1,019,598	Clark's Fork, North		1,024,608
Berthelote	527	80,023	Clark's Fork, South	767	101,926
Big Gully	1,374	190,415	Clear Lake	27,851	5,098,191
Big Gully, North		32,155	Clear Lake, South	10,862	543,530
Big Muddy Creek		1,488,218	Coalridge	2,203	58,589
Big Rock		10,764	Colored Canyon	354	1,329,902
Big Rock Deep		221	Comertown	23,698	3,548,983
Big Wall	20,316	8,849,037	Comertown, South	3,857	619,299
Big Wall, North		7,218	Conrad, South	373	168,618
Black Diamond	7,932	729,607	Corner Pocket		14,483
Blackfoot	3,562	1,870,164	Cottonwood	17,806	950,150
Blackfoot, East		810	Cottonwood, East		190,848
Bloomfield	150,626	2,332,668	Cow Creek		127,813
Bloomfield, South	156,151	1,784,435	Cow Creek, East	3,252	2,852,404
Blue Hill		162,251	Crane	22,657	4,187,059
Blue Mountain	1,958	226,542	Crocker Springs, East		3,476
Border	1,797	1,527,192	Croffs Lake		7,223
Boulder		156,754	Crooked Creek		28,999
Bowes	138,962	13,272,548	Culbertson		175,652
Box Canyon		245,847	Cupton	19,097	3,348,000
Bradley	392	281,145	Curlew		5,468
Brady	2,705	306,672	Cut Bank	211,648	174,180,342
Bredette		232,121	Cut Bank, West		10,179
Bredette, North		488,554	Dagmar	4,594	860,925
Breed Creek	21,107	3,610,001	Dagmar, North		55,342
Brorson	27,272	5,888,308	Deadman's Coulee		264,528
Brorson, South	9,939	2,669,821	Dean Dome		92,597
Browning, Southwest		5,820	Deer Creek	49,054	3,558,804
Brush Lake	57,189	5,857,953	Delphia	44	380,101

Field	Annual Oil Barrels	Cumulative Barrels
Den		176,125
Devil's Basin	12	143,476
Devil's Pocket		53,796
Diamond Point	11,620	1,350,194
Divide	45,690	4,807,567
Dooley	4,540	465,631
Dry Creek	156	4,173,232
Dry Creek, Middle	420	30,052
Dry Creek, West		16,444
Dugout Creek	17,529	911,549
Dugout Creek, South		57,400
Dunkirk, North		19
Dutch Henry		104,164
Dutch John Coulee	5,950	393,001
Dwyer	16,293	10,966,261
Eagle	5,792	2,529,472
East Glacier	1,488	57,003
Elk Basin	319,383	95,230,881
Elk Basin, Northwest	21,178	3,079,458
Elm Coulee	6,308,917	181,164,965
Elm Coulee, Northeast	5,025,815	38,474,050
Enid, North	25,875	1,366,460
Epworth	1,196	132,932
Fairview	39,589	10,772,457
Fairview, East		532,463
Fairview, West	3,600	637,057
Fertile Prairie		807,540
Fiddler Creek		4,009
Fishhook	11,254	1,587,537
Flat Coulee	11,222	5,980,077
Flat Iron	1,171	17,494
Flat Lake	142,960	23,728,638
Flat Lake, East	1,081	340,358
Flat Lake, South		1,292,128
Flaxville		56,283
Fort Gilbert	11,753	2,813,001
Four Buttes		42,391
Four Mile Creek		544,890
Four Mile Creek, West	10,186	716,152
Fox Creek	3,608	325,764
Fox Creek, North		75,398
Fox Creek, SW	151	8,194
Fox Lake		54,432
Frannie		773,613
Fred & George Creek	19,829	14,111,221
Frog Coulee		378,196
Froid, South		459,379
Gage	1,631	695,150
Gage, Southwest		16,289
Gas City	83,027	13,732,879
Gettysburg		304
Girard	2,336	753,912
Glendive	64,525	15,738,361
Glendive, South		68,936
Golden Dome		125,531
Goose Lake	29,034	10,963,008

Field	Annual Oil Barrels	Cumulative Barrels
Goose Lake Red River	894	92,463
Goose Lake, East		4,522
Goose Lake, Southeast		45,527
Goose Lake, West	4,847	797,991
Gossett	1,183	429,747
Graben Coulee	12,612	2,780,806
Grandview	8,040	143,666
Grandview, East	474	76,269
Gray Blanket	6,817	566,416
Grebe	2,754	102,493
Green Coulee		128,759
Green Coulee, East	2,282	225,472
Gumbo Ridge		649,222
Gunsight	9,178	1,115,853
Gypsy Basin		525,121
Hardscrabble Creek		170,566
Hawk Creek		13,277
Hawk Haven		55,550
Hay Creek	1,107	1,839,641
Hell Coulee		67,203
Hiawatha	5,088	1,826,407
Hibbard		226,494
High Five	40,385	3,709,320
Highview	816	146,925
Highview, East	259	6,121
Hit Parade	3,019	21,033
Hodges Creek		19,093
Homestead		303
Honker		117,078
Horse Creek	790	15,329
Howard Coulee	9,400	344,516
Injun Creek	475	145,719
Intake II	3,781	1,094,247
Ivanhoe	23,934	5,177,382
Jack Creek		1,310
Jim Coulee	1,887	4,550,723
Johnson Lake		574
Katy Lake	29,839	495,316
Katy Lake, North	34,012	7,415,228
Keg Coulee	5,569	5,905,217
Keg Coulee, North		451,912
Kelley	1,689	1,080,339
Kevin, East Nisku Oil	8,891	1,041,841
Kevin-Sunburst	174,578	85,751,563
Kicking Horse		1,526
Kincheloe Ranch	259	939,459
Kippen Area, East		150
Kippen, East		150
Krug Creek		15,288
Laird Creek	1,171	648,893
Lake Basin		473,639
Lakeside		487
Lambert	20,355	1,045,452
Lambert, North		36,552
Lambert, South	16,216	949,059
Lamesteer Creek		31,845

Field	Annual Oil Barrels	Cumulative Barrels	Field	Annual Oil Barrels	Cumulative Barrels
Landslide Butte	10,955	977,893	Monarch	113,665	10,814,638
Landslide Butte, West		5,553	Mosser Dome	3,422	552,786
Lane	37,207	2,120,870	Musselshell		45,054
Lariat		3,599	Mustang	12,847	1,470,692
Laurel		1,017	Neiser Creek	5,084	756,737
Leary		705,809	Nielsen Coulee		274,761
Line Coulee		57,789	Ninemile		80,513
Lisk Creek		1,963	Nohly	44,875	9,194,214
Lisk Creek, South	4,116	68,934	Nohly, South		145,933
Little Badger		1,550	North Fork	2,269	702,991
Little Beaver	163,153	19,264,559	Olje		163,500
Little Beaver, East	100,182	8,948,234	Ollie		279,880
Little Crown Butte		21	Otis Creek	1,203	974,543
Little Phantom		58,500	Otis Creek, South	4,762	452,028
Little Wall Creek	7,695	4,042,285	Otter Creek		28,492
Little Wall Creek, South	5,352	1,624,645	Outlet		6,384
Lobo		260,135	Outlook	23,747	9,775,787
Lodge Grass		399,934	Outlook, South		693,151
Lone Butte	3,830	1,035,555	Outlook, Southwest	205	171,054
Lone Rider		5,903	Outlook, West	19,709	1,400,394
Lone Tree		33,000	Oxbow	12,759	1,001,100
Loneman Coulee	42	3,612	Oxbow II	2,465	820,662
Lonetree Creek	28,225	6,110,402	Paisley Road		217
Lonetree Creek, West		33,029	Palomino	35,548	4,044,264
Long Creek	1,147	114,271	Pasture		2,869
Long Creek, West	1,698	1,068,295	Pasture Creek		4,783
Lookout Butte	437,780	40,510,949	Pelican		191,494
Lookout Butte, East	11,095	81,578	Pennel	1,141,259	128,349,041
Lookout Butte, East, Unit	598,446	32,564,331	Pete Creek		23,343
Lost Creek		1,534	Phantom		43,585
Lowell	13,441	1,016,688	Pine	551,953	133,412,528
Lowell, South	1,556	301,856	Pine, East		19,349
Lustre	50,156	7,587,106	Pipeline		16,424
Lustre, North		190,767	Plentywood		22,830
Mackay Dome		399,331	Pole Creek		169,726
Malcolm Creek		11,450	Police Coulee		14
Mason Lake		1,028,239	Pondera	128,168	30,563,794
Mason Lake North		17,923	Pondera Coulee	3,083	186,707
McCabe	3,815	355,057	Poplar, East	77,841	48,046,137
McCabe, East	7,064	261,288	Poplar, Northwest	53,307	5,498,197
McCabe, South		6,599	Poplar, Southeast		162,546
McCabe, West		69,988	Prairie Dell		1,767
McCoy Creek	4,100	158,108	Prairie Elk		105,036
McDonald Creek		3,102	Prichard Creek		169,074
Meander		9,246	Pronghorn		490,237
Medicine Lake	7,553	4,446,121	Putnam	14,851	6,813,964
Medicine Lake, South		247,298	Rabbit Hills	51,838	3,898,082
Meystone	5,398	3,433,488	Rabbit Hills, East	2,611	4,748
Meystone, North	6,679	904,659	Rabbit Hills, SE	879	7,798
Midby		70,172	Rabbit Hills, South	9,221	381,137
Midfork	19,901	1,239,939	Ragged Point	635	3,817,484
Mineral Bench		186,656	Ragged Point, Southwest	3,625	732,921
Miners Coulee	6,956	574,455	Rainbow		167,273
Missouri Breaks		437,188	Rattle Snake Butte (Heath)		5,057
Mon Dak, West	103,023	14,474,085	Rattle Snake Creek (Heath)		4,185
Mona		169,804	Rattler Butte	8,581	2,062,252

Field	Annual Oil Barrels	Cumulative Barrels	Field	Annual Oil Barrels	Cumulative Barrels
Rattler Butte (Heath)	789	10,427	Sioux Pass, South	6,399	397,293
Rattler Butte, South		15,403	Sioux Pass, West	7,272	606,967
Rattlesnake Butte	1,368	780,041	Smoke Creek		100,305
Rattlesnake Coulee	4,123	123,409	Snake Creek		146,846
Raymond	1,345	5,800,266	Snoose Coulee	185	8,711
Raymond, North		150,342	Snowden		1,938
Raymond, Northeast		120,687	Snyder	4,243	483,916
Reagan	44,539	11,085,161	Soap Creek	30,730	3,625,454
Red Bank	34,261	3,382,130	Soap Creek, East	5,149	311,693
Red Bank, South		387,759	South Fork	2,407	1,313,425
Red Creek	25,509	7,492,734	Spring Lake	2,280	2,006,667
Red Fox		380,137	Spring Lake, South		114,064
Red Water		144,137	Spring Lake, West	1,011	108,630
Red Water, East	106	420,130	Stampede		435,035
Redstone	3,027	517,352	Stampede, North		4,566
Refuge		312,284	Stensvad	15,257	10,628,644
Repeat	11,749	876,948	Studhorse	369	234,974
Reserve	2,844	2,331,464	Sumatra	42,532	47,576,615
Reserve II	528	232,744	Sumatra (Heath)	27,152	247,601
Reserve, South		107,929	Sumatra, East	2,122	45,363
Richey		2,030,660	Sumatra, East (Heath)	757	13,827
Richey, East		10,386	Sundown		40,626
Richey, Southwest		1,920,630	Sunny Hill		273,589
Richey, West		11,062	Sunny Hill, West		194,871
Ridgelawn	49,122	9,544,345	Target	2,286	1,919,758
Ridgelawn, North		514,382	Thirty Mile	18,057	54,167
Ringling		787	Three Buttes	6,805	828,125
Rip Rap Coulee	17,607	1,333,816	Tinder Box	3,707	168,258
River Bend		275,733	Tippy Buttes		126,246
Rocky Point	6,303	732,768	Tule Creek	2,194	8,572,053
Roscoe Dome		18,615	Tule Creek, East		2,056,293
Rosebud	1,025	623,527	Tule Creek, South	2,102	1,110,090
Rough Creek		3,599	Two Medicine Creek		10,249
Royals		411,830	Two Waters	4,722	473,462
Royals, South		3,082	Utopia	12,199	1,125,916
Rudyard	761	38,845	Vaux	32,744	6,390,242
Runaway		4,579	Vida		264,988
Rush Mountain	12,361	1,208,665	Viking		160
Salt Lake		1,339,374	Volt	27,372	5,012,207
Salt Lake, West	7,920	428,913	Wagon Box		32,412
Sand Creek		2,413,819	Wagon Trail		43,321
Saturn		42,805	Wakea	11,737	3,386,325
Scobey		3,916	Waterhole Creek	43,318	2,606,257
Second Creek		1,466,168	Weed Creek	297	674,099
Second Guess	520	43,588	Weldon		7,050,531
Shepherd		76,942	West Butte	256	346,998
Short Creek		8,950	West Fork		6,671
Shotgun Creek	21,996	1,429,078	Weygand	19,567	336,601
Shotgun Creek, North		100,054	Whitlash	39,720	6,618,066
Sidney	5,370	3,789,245	Whitlash, West	57	165,069
Sidney, East		650,201	Wibaux		23,580
Singletree		373,992	Willow Creek, North	2,010	481,462
Sioux Pass	74,963	6,550,683	Willow Ridge	653	80,381
Sioux Pass, East		89,267	Willow Ridge, South	14	3,715
Sioux Pass, Middle	6,421	1,981,593	Wills Creek, South	31,394	2,432,761
Sioux Pass, North	39,426	6,756,867	Windmill		31,943

<b>Field</b>	<b>Annual Oil Barrels</b>	<b>Cumulative Barrels</b>
Windy Ridge	207,337	3,438,215
Winnett Junction	4,003	1,215,387
Wolf Creek		1,979
Wolf Springs	6,199	5,005,264
Wolf Springs, South		930,653
Womans Pocket		3,526
Woodrow	10,586	1,608,542
Wrangler	3,170	917,403
Wrangler, North		225,104
Wright Creek	3,829	435,213
Yates	11,111	127,868
Yellowstone		39,405

<b>Field</b>	<b>Annual Oil Barrels</b>	<b>Cumulative Barrels</b>
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## 2018 Field Summary, Reported Gas Fields

Field	Annual Gas MCF	Field	Annual Gas MCF	Field	Annual Gas MCF
Alma	3,204	Gas Light	24,020	Sherard, Area	420,208
Amanda	186,936	Golden Dome	36,493	Sixshooter Dome	15,676
Arch Apex	71,538	Grandview	47,989	Snoose Coulee	18,054
Ashfield	666,225	Haystack Butte	12,831	Snow Coulee	140
Badlands	77,224	Haystack Butte, West	19,623	Spring Coulee	139
Battle Creek	633,861	Keith Area	7,176	St. Joe Road	275,324
Battle Creek, South	2,129	Keith, East	185,195	Strawberry Creek Area	128
Battle Creek, Southeast	394	Kevin Southwest	105,815	Swanson Creek	120,470
Bear's Den	3,572	Kevin Sunburst (Dakota)	2,096	Three Mile	16,155
Big Coulee	50,284	Kevin Sunburst-Bow Island	16,927	Tiger Ridge	3,080,519
Big Rock	46,936	Kevin, East Bow Island Gas	10,933	Toluca	70,767
Bills Coulee	1,654	Kevin, East Gas	30,427	Trail Creek	29,356
Black Butte	13,076	Kevin, East Nisku Oil	32,468	Utopia	11,758
Black Coulee	58,809	Kevin-Sunburst	286,590	West Butte	12,543
Black Jack	30,752	Kevin-Sunburst Nisku Gas	61,623	West Butte Shallow Gas	4,072
Blackfoot	16,035	Kicking Horse	55,157	Whitewater	1,243,135
Bowdoin	5,529,590	Laird Creek	9,775	Whitewater, East	120,538
Bowes	136,611	Lake Basin	34,891	Whitlash	328,180
Bradley	1,147	Ledger	48,124	Whitlash, West	8,519
Brown's Coulee	10,133	Leroy	60,259	Willow Ridge	5,032
Brown's Coulee, East	52,159	Liscom Creek	32,584	Willow Ridge, South	60,660
Bullwacker	608,515	Little Creek	19,206	Willow Ridge, West	6,238
Camp Creek	76	Little Rock	24,460	Winifred	77
Canadian Coulee, North	3,024	Lohman	3,012		
Cedar Creek	5,939,214	Lohman Area	939		
Cherry Patch, Southeast	16,952	Loring	766,057		
Cherry Patch, Southwest	12,400	Loring, East	342,981		
Chinook, East	20,658	Loring, West	47,828		
Chip Creek	3,508	Marias River	10,812		
Clark's Fork	12,895	Martin Lake	13,739		
Coal Creek	55,518	Middle Butte	22,590		
Coal Mine Coulee	6,601	Milk River	21,492		
Cut Bank	465,707	Miners Coulee	37,158		
Devon	31,257	Mizpah	115		
Devon, East	18,108	Mt. Lilly	19,278		
Devon, South Unit	1,620	O'Briens Coulee	21,612		
Dry Creek	218,746	Old Shelby	192,294		
Dry Creek (Shallow Gas)	38,837	Phantom, West	8,031		
Dry Creek, Middle	24,736	Pine Gas	208,501		
Dry Creek, West	36,942	Plevna	11,455		
Dry Fork	5,774	Plevna, South	738		
Dunkirk	15,482	Police Coulee	23,193		
Dunkirk, North	32,332	Potter	434		
Dutch John Coulee	42,400	Prairie Dell	306,661		
Eagle Spring	3,367	Prairie Dell, West	7,951		
Ethridge	34,047	Red Rock	325,107		
Ethridge, North	3,217	Rocky Boy Area	154,758		
Ethridge, West	1,024	Rudyard	450		
Fitzpatrick Lake	22,640	Sage Creek	26,021		
Flat Coulee	4,393	Sawtooth Mountain	601,524		
Fort Conrad	12	Sears Coulee	8,892		
Fred & George Creek	13,779	Shelby, East	12,236		
Fresno	86,048	Sherard	31,977		

## 2018 County Drilling And Production Statistics

County	Production			Well Completions				
	Oil Barrels	Assoc. Gas MCF	Gas MCF	Oil	Gas	CBM	Dry	Service
Big Horn	49,001	4,126	256,211	1	0	0	1	0
Blaine	247,378	0	3,246,764	3	0	0	0	0
Carbon	342,181	661,323	370,433	0	0	0	0	0
Carter	11,749	0	0	0	0	0	0	0
Chouteau	0	0	636,922	0	0	0	0	0
Custer	0	0	32,699	0	0	0	0	0
Dawson	545,800	323,691	0	1	0	0	0	0
Fallon	3,608,021	832,182	6,019,594	9	0	0	0	0
Fergus	0	0	7,495	0	0	0	0	0
Garfield	7,948	2,056	0	0	0	0	1	0
Glacier	292,586	91,205	440,692	2	0	0	0	0
Golden Valley	0	0	29,200	0	0	0	0	0
Hill	1,022	41	2,858,775	0	0	0	0	0
Liberty	69,803	36,321	751,498	0	0	0	0	0
McCone	3,252	0	0	0	0	0	0	0
Musselshell	113,067	3,542	0	0	0	0	1	0
Petroleum	11,986	0	0	0	0	0	0	0
Phillips	0	0	8,129,137	0	0	0	1	0
Pondera	97,990	0	52,601	0	0	0	0	0
Powder River	1,775,205	7,410	0	0	0	1	0	0
Prairie	43,545	5,589	0	0	0	0	0	0
Richland	9,618,675	15,422,271	0	8	0	0	0	1
Roosevelt	3,099,827	3,507,802	0	14	0	0	1	1
Rosebud	163,195	12,562	0	1	0	0	0	0
Sheridan	639,380	349,055	0	0	0	0	0	0
Stillwater	0	0	55,975	0	0	0	0	0
Sweetgrass	0	0	15,676	0	0	0	0	0
Teton	53,759	0	1,654	0	0	0	0	0
Toole	238,552	61,863	1,852,084	0	1	0	0	0
Valley	70,057	9,351	742,918	0	0	0	0	0
Wibaux	435,514	133,981	164,334	0	0	0	0	0
Yellowstone	9,918	280	0	0	0	0	0	0
<b>Total:</b>	<b>21,549,411</b>	<b>21,464,651</b>	<b>25,664,662</b>	<b>39</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>2</b>

The volume of oil shown in this report includes condensate or reported natural gas liquids.  
Associated gas is gas from a well that produces less than 10,000 standard cubic feet of gas for each barrel of oil.

## 2018 Well Completion Summary By County

OPERATOR *	LOCATION	WELL NAME	API	TYPE **	FIELD	INTERVAL	COMPLETION		INITIAL POTENTIAL			
							DATE	DEPTH	OIL B/D	GAS MCF/D	WATER B/D	
<b>003 Big Horn</b>												
Alta Vista Oil Corporation	SESW 21-9S-41E	Doc Holiday 1H	22952	OIL	Wildcat Big Horn	Mowry Shale	08/30/18	11532	115	117	667	
Briscoe Petroleum, LLC	SWSW 32-1N-35E	Kendrick Heirs #13-32	22954	DH	Wildcat Big Horn		08/20/18	5838	0	0	0	
<b>005 Blaine</b>												
Behm Energy, Inc.	SWSW 26-35N-20E	Federal 1-26-35-20	23826	OIL	Wildcat Blaine	Sawtooth	05/15/18	4388	40	0	10	
Lonewolf Operating, LLC	NENW 5-34N-21E	B&V Tilleman 3-5	23830	OIL	Wildcat Blaine	Bowes Member	11/17/18	4450	65	0	0	
Lonewolf Operating, LLC	SWNE 5-34N-21E	L. Neuens 7-5	23831	OIL	Wildcat Blaine	Bowes Member	11/17/18	4450	60	0	0	
<b>021 Dawson</b>												
Rim Operating, Inc.	SWNW 17-19N-54E	Little Jo 12-17	21204	OIL	Wildcat Dawson	Red River	01/07/18	11200	15	0	10	
<b>025 Fallon</b>												
Denbury Onshore, LLC	SWNE 19-7N-60E	Unit MC 22-19NH	23086	OIL	Pennel	Mission Canyon	04/08/18	12100	2166	20	750	
Denbury Onshore, LLC	SWNE 19-7N-60E	Unit MC 22-19SH	23087	OIL	Pennel	Mission Canyon	04/10/18	9862	872	12	1701	
Denbury Onshore, LLC	SWNE 30-4N-62E	Little Beaver East Unit MC22-30	23088	OIL	Wildcat Fallon	Mission Canyon	12/20/18	15116	1109	1	967	
Denbury Onshore, LLC	SESE 9-6N-60E	Coral Creek Unit MC44-9SH	23090	OIL	Wildcat Fallon	Mission Canyon	10/20/18	12747	0	0	2548	
Denbury Onshore, LLC	SESE 9-6N-60E	Coral Creek Unit MC44-9NH	23091	OIL	Wildcat Fallon	Mission Canyon	12/26/18	12610	0	0	1545	
Denbury Onshore, LLC	SESE 20-10N-58E	Cabin Creek Unit MC 44-20NH	23092	OIL	Wildcat Fallon	Mission Canyon	10/23/18	12107	1243	50	381	
Denbury Onshore, LLC	SWNE 17-4N-62E	Cedar Creek Unit MC22-17SH	23095	OIL	Wildcat Fallon	Mission Canyon	11/21/18	10182	988	1	571	
Denbury Onshore, LLC	NWSE 29-7N-60E	Unit MC 33-29NH	23096	OIL	Wildcat Fallon	Mission Canyon	12/28/18	14590	54	0	1131	
Denbury Onshore, LLC	NWNE 17-10N-58E	Unit CH31-17SH	23098	OIL	Wildcat Fallon	Madison	12/17/18	12570	473	5	196	
<b>033 Garfield</b>												
Ballard Exploration Company, Inc.	SENE 35-15N-30E	Burlington 35-1	21166	DH	Wildcat Garfield		10/09/18	3077	0	0	0	
<b>035 Glacier</b>												
Rock Creek Oil, Inc.	SENE 21-32N-5W	Nelson #8-21	22244	OIL	Cut Bank	Cut Bank	08/26/18	2730	1	0	0	
Rock Creek Oil, Inc.	SESE 15-32N-5W	Suta #16-15	22246	OIL	Cut Bank	Madison	09/10/18	2960	1	0	7	
<b>065 Musselshell</b>												
Falcon Energy Partners LLC	SWNE 22-11N-28E	High Butte Ranch 1	21895	DH	Wildcat Musselshell		10/19/18	3980	0	0	0	
<b>071 Phillips</b>												
Wesco Operating, Inc.	NE 1-32N-32E	Sleeping Buffalo 2-1	22463	DH	Wildcat Phillips		05/09/18	6951	0	0	0	
<b>075 Powder River</b>												
Summit Gas Resources, Inc.	NENE 32-8S-47E	NBPH1 01-32-08-47	22447	CBM	Bradshaw, North	Fort Union Formation	07/22/18	1480	0	0	0	
<b>083 Richland</b>												
Hydra MT LLC	NWNE 5-25N-59E	Kittleson 3-5	21777	SWD	Cattails	Dakota	01/08/18	9100	156	0	62	
Kraken Operating, LLC	SWSW 33-26N-59E	Eagle 4-9 #2H	23345	OIL	Wildcat Richland	Bakken	01/28/18	20830	1360	778	2315	
Kraken Operating, LLC	SWSW 33-26N-59E	Elroy 32-31 1H	23346	OIL	Wildcat Richland	Bakken	02/01/18	20807	1007	614	2259	
Kraken Operating, LLC	SW 33-26N-59E	Fletch 5-8 #1H	23347	OIL	Wildcat Richland	Bakken	01/30/18	20895	1210	716	2244	
Kraken Operating, LLC	NWNW 21-26N-59E	Dagney 21-28 1H	23348	OIL	Wildcat Richland	Bakken	06/29/18	20724	1467	1100	3060	

OPERATOR *	LOCATION	WELL NAME	API	TYPE **	FIELD	INTERVAL	COMPLETION		INITIAL POTENTIAL		
							DATE	DEPTH	OIL B/D	GAS MCF/D	WATER B/D
Kraken Operating, LLC	NWNW 21-26N-59E	Kai 16-9 1H	23349	OIL	Wildcat Richland	Bakken	08/04/18	20615	1256	899	1985
Kraken Operating, LLC	NWNW 21-26N-59E	Rowin 17-8 1H	23350	OIL	Wildcat Richland	Bakken	08/04/18	20779	1701	700	1720
Kraken Operating, LLC	SESE 7-25N-59E	RKT Carda 7-6 #1H	23352	OIL	Wildcat Richland	Bakken	06/01/18	20686	1366	1095	3204
Kraken Operating, LLC	SESE 7-25N-59E	Mayson Phoenix 17-20 #1H	23353	OIL	Wildcat Richland	Bakken	06/01/18	20700	1410	1120	3513
<b>085 Roosevelt</b>											
Kraken Operating, LLC	SWSW 11-27N-57E	Fred 15-22 1H	21977	OIL	Wildcat Roosevelt	Bakken	04/05/18	20500	1021	766	2068
Kraken Operating, LLC	SWSW 11-27N-57E	Doris 10-3 1H	21984	OIL	Wildcat Roosevelt	Bakken	04/08/18	20550	921	691	2983
Kraken Operating, LLC	SWSW 11-27N-57E	Della 14-23 1H	21985	OIL	Wildcat Roosevelt	Bakken	04/04/18	20479	1091	818	1711
St. Croix Operating, Inc.	NWNW 36-32N-48E	Buck Elk #1	21986	DH	Wildcat Roosevelt		07/23/18	7750	0	0	0
Kraken Operating, LLC	NWNE 25-28N-58E	Gehring 24-13 #2H	21987	OIL	Wildcat Roosevelt	Bakken	11/13/18	20908	697	348	1663
Kraken Operating, LLC	NWNE 25-28N-58E	Gehring 24-13 LE #1H	21988	OIL	Wildcat Roosevelt	Bakken	11/12/18	20317	890	242	2043
Kraken Operating, LLC	NWNE 25-28N-58E	Gehring 24-13 #4H	21989	OIL	Wildcat Roosevelt	Bakken	11/13/18	20417	771	96	1836
Kraken Operating, LLC	NWNE 25-28N-58E	Gehring 24-13 #3H	21990	OIL	Wildcat Roosevelt	Bakken	11/13/18	20512	600	298	1221
Kraken Operating, LLC	NWNW 4-28N-59E	Katie Rose 5-8 #1H	21991	OIL	Wildcat Roosevelt	Bakken	05/03/18	20977	951	463	2337
Kraken Operating, LLC	NWNW 4-28N-59E	Danielle 4-9 #1H	21992	OIL	Wildcat Roosevelt	Bakken	05/03/18	20895	902	548	2366
Kraken Operating, LLC	NESE 27-27N-57E	Jill 26-25 #1H	21993	OIL	Wildcat Roosevelt	Bakken	08/20/18	20009	905	376	2217
Kraken Operating, LLC	NESE 27-27N-57E	Jill 26-25 #2H	21994	OIL	Wildcat Roosevelt	Bakken	08/20/18	19916	979	580	2780
Kraken Operating, LLC	NESE 27-27N-57E	Jill 26-25 #3H	21995	OIL	Wildcat Roosevelt	Bakken	08/20/18	19880	966	514	2587
Kraken Operating, LLC	NESE 27-27N-57E	Jill 26-25 #4H	21996	OIL	Wildcat Roosevelt	Bakken	05/01/18	19960	936	548	2272
Kraken Operating, LLC	NESE 27-27N-57E	Jill 26-25 #5H	21997	OIL	Wildcat Roosevelt	Bakken	04/20/18	19702	885	536	2092
Hydra MT LLC	NWSW 26-27N-57E	Tortuga #26-1 SWD	21998	SWD	Wildcat Roosevelt	Dakota	07/02/18	5600	0	0	0
<b>087 Rosebud</b>											
Alta Vista Oil Corporation	SESE 34-11N-32E	Spider Monkey #1H	21744	OIL	Wildcat Rosebud, S	Heath	10/20/18	8861	671	170	881
<b>101 Toole</b>											
Sands Oil Company	SESW 2-36N-3W	Thorpe 1	23024	GAS	Wildcat Toole		10/24/18	4102	0	0	0

\* "Operator" is the well operator at the time the well was completed and not necessarily the current operator or operator that permitted the well.

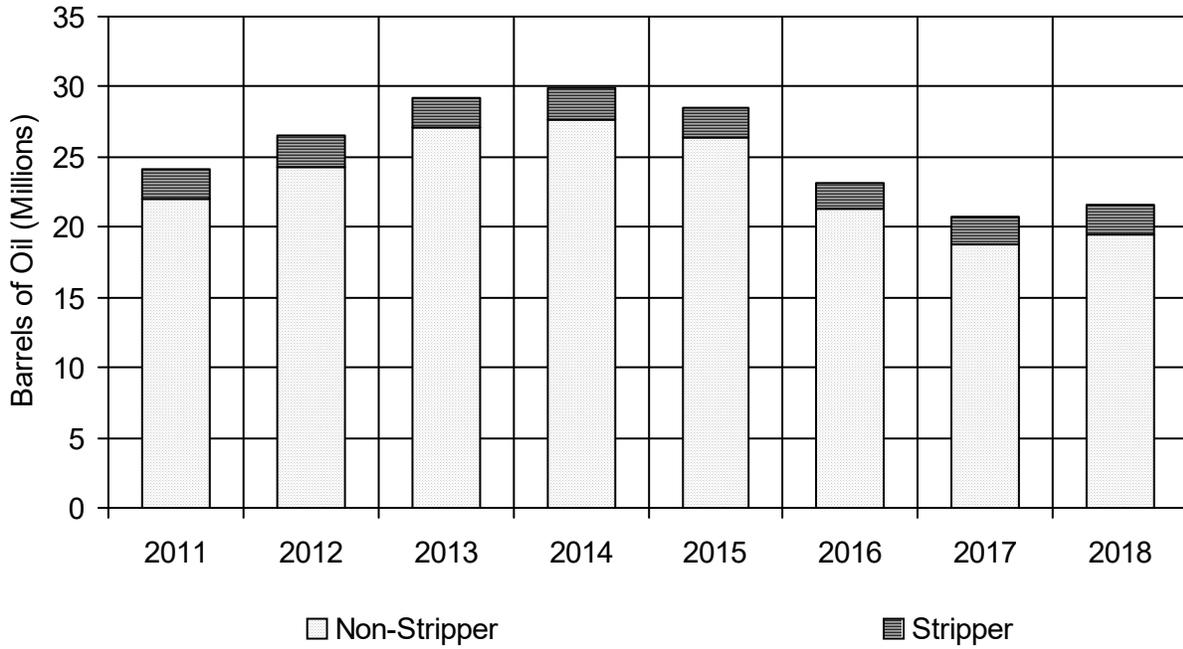
\*\* OIL - Oil Well; GAS - Gas Well; DH - Dry Hole; GST - Gas Storage; CBM - Coalbed Methane; EOR - Injection, Enhanced Recovery; SWD - Salt Water Disposal

Data Current Through: 2/7/2020

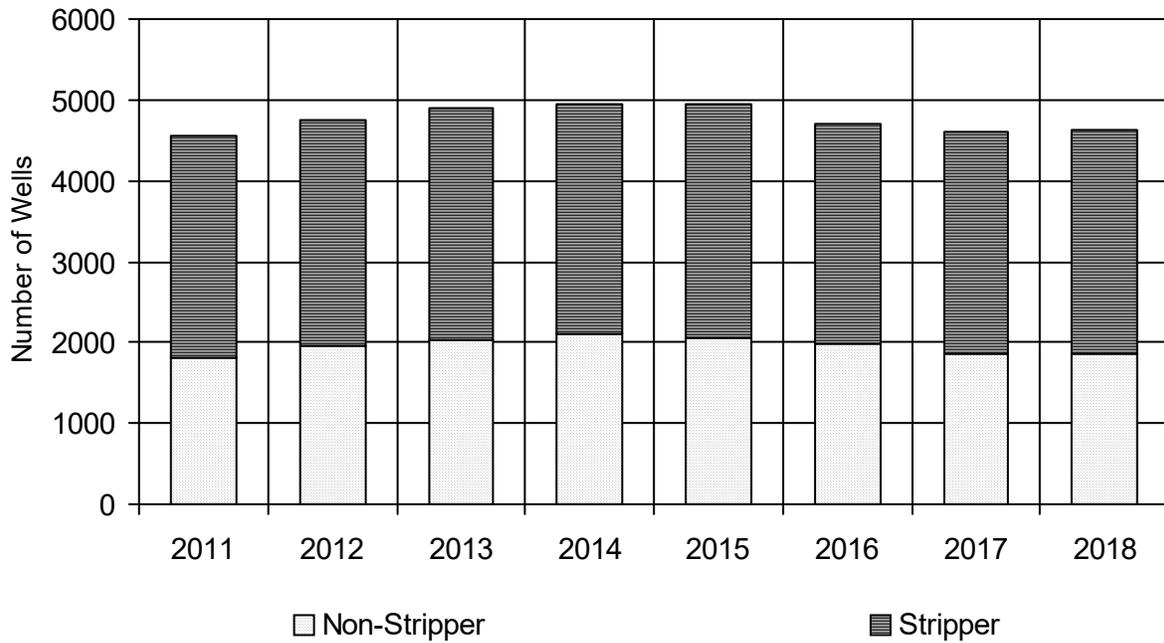
# 2018 Stripper Oil Well Statistics

A Stripper Oil Well Produces Less Than 10 Barrels Of Oil Per Day

## Oil Production

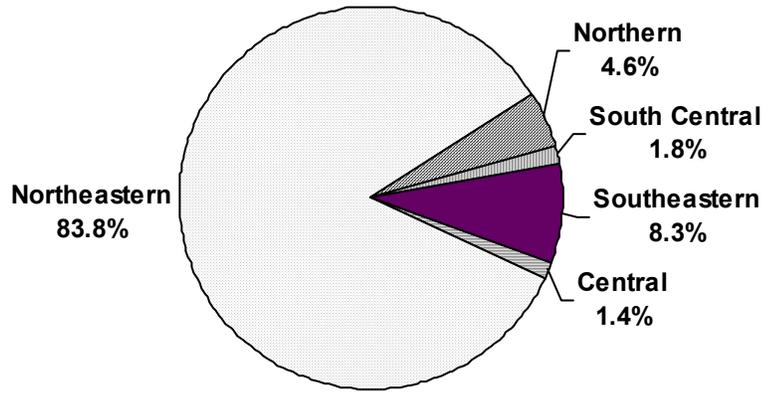


## Number Of Producing Wells

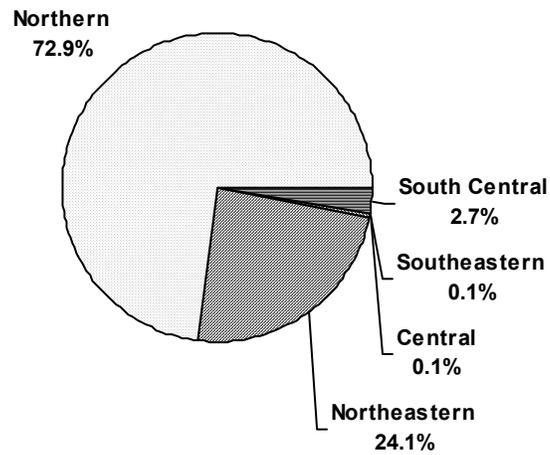


# 2018 Production By Area

## Oil Production



## Gas Production



## 2018 Field Rules and Production Summary By Formation

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Ace High</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,686</b>
				Statewide.	
<b>Agawam</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>79</b>
				Statewide.	
<b>Alkali Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>53,229</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>31,682</b>
				320-acre Red River Fm. spacing units with 660' setback from spacing unit boundaries and 1650' between wells (Order 77-81).	
<b>Alma</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>197,909</b>
Spike Zone, Blackleaf Fm.	1	0	3,204	640-acre spacing units for gas production from the Sawtooth, Bow Island, and shallower formations; location to be no closer than 990' to spacing unit boundary (Order 19-77).	
2018 Production:		0	3,204		
<b>Alma, North</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>29,077</b>
				Single 640-acre spacing unit for Blackleaf gas production (Order 95-82).	
<b>Amanda</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>7,508,372</b>
Bow Island	9	0	11,971	320-acre spacing units for gas with one well per horizon, base of the Swift to the surface; wells to be no closer than 660' to spacing unit boundary; spacing units to consist of two contiguous quarter sections lying within one or two sections (Order 76-79). Field enlargement (Orders 25-83, 1-85, 25-88, 42-88, 2-89 and 29-91). Add Sec. 23-36N-4W for gas production below Bow Island and through the Swift (Order 63-91). Enlarged to include 36N-4W-22 for all formations below Bow Island including Swift (Order 123-01). Well Density and spacing amendments (Orders 88-03, 175-04, 136-09, 84-10).	
Sunburst	4	0	26,765		
Swift	6	0	50,235		
Bow Island, Dakota	1	0	3,546		
Dakota, Burwash, Swift	1	0	21,504		
Swift, Sunburst	8	0	71,439		
Burwash, Swift	1	0	1,476		
2018 Production:		0	186,936		
<b>Andes</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>21,175</b>
				Statewide.	
<b>Antelope</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>223,521</b>
Red River	1	0	0	Statewide.	
2018 Production:		0	0		
<b>Antelope Coulee</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>44,956</b>
				Statewide.	
<b>Antelope, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,484</b>
				Statewide.	
<b>Anvil</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,753,137</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>2,825,892</b>
Ratcliffe	1	1,362	462	320-acre spacing units for Red River B and C with one well per zone located no closer than 660' to spacing unit boundary; commingling approved (Order 75-85).	
Nisku	1	11,605	6,293		
2018 Production:		12,967	6,755		
<b>Anvil, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>708,197</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>423,561</b>
Mission Canyon	5	36,257	25,989	160-acre spacing units for production of oil from the Madison Group (Order 147-06). Exception location (Order 445-06). Additional wells (Orders 208 & 209-10).	
2018 Production:		36,257	25,989		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Arch Apex</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>5,871,890</b>
Bow Island	25	0	67,667	Delineated for Colorado Blackleaf pool; wells to be 330' from legal subdivision, 2,400' from any other well drilling to or producing from the same reservoir; 75' topographic tolerance (Orders 5-56, 4-60). Single Bow Island spacing unit (Order 3-78).	
Bow Island, Kootenai, Swift	1	0	3,871		
2018 Production:		0	71,538		
<b>Ash Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>868,169</b>
				Spacing waived (Shannon Formation) within unitized portion of field with wells to be no closer than 660' to unit boundary (Order 4-65). Waterflood initiated October 1964 (Orders 22-64, 15-66).	
<b>Ashfield</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>36,501,152</b>
Bowdoin	12	0	30,471	640-acre spacing units for Bowdoin/Greenhorn/Phillips with two wells per formation (Orders 41-82 and 16-89). Allow 4 wells per formation per 640-acre spacing unit located no closer than 660' to the spacing unit boundary, 1,320' between wells producing from the same formation with 150' geologic or topographic tolerance (Order 17-89). Allow 8 wells per spacing unit in 4 spacing units and reduce between-well distance to 990' with 150' topographic tolerance (Order 8-92).	
Niobrara	2	0	12,852		
Phillips	120	0	402,318		
Bowdoin, Greenhorn, Phillips, Niobrara	1	0	15,605		
Niobrara, Greenhorn, Phillips	1	0	1,113		
Greenhorn-Phillips	5	0	6,142		
Bowdoin, Phillips	39	0	162,494		
Phillips, Niobrara	11	0	24,877		
Bowdoin, Phillips, Niobrara	3	0	10,353		
2018 Production:		0	666,225		
<b>Ator Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>53,325</b>
Red River	1	904	317	<b>Post-1986 Gas Production (MCF):</b>	<b>12,936</b>
2018 Production:		904	317	Single spacing unit comprised of W/2 NE/4 and E/2 NW/4 35N-55E-36 for production of oil from Red River Formation (Order 73-96).	
<b>Autumn</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>35,546</b>
				Statewide.	
<b>Badlands</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>7,092,115</b>
Eagle	12	0	69,931	One Eagle Formation well per governmental section spacing unit located no closer than 990' to a section line (Order 22-78).	
Virgelle Sandstone	1	0	7,293		
2018 Production:		0	77,224		
<b>Bainville</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,348,437</b>
Mission Canyon	1	6,981	0	<b>Post-1986 Gas Production (MCF):</b>	<b>1,103,660</b>
Ratcliffe	6	32,792	10,419	320-acre spacing unit for Winnipegosis Formation, 28N-58E-26: E/2 (Order 117-84). Spacing unit for Winnipegosis 28N-58E-20:E/2SE, 21: W/2SW, 28: W/2NW, 29: E/2NE (Order 18-88, Order 53-98). Red River spacing unit, 28N-58E-28: W2 (Order 53-98). 320-acre Madison spacing unit, 28N-58E-28: E2 (Order 89-00).	
Red River	2	6,260	2,488		
2018 Production:		46,033	12,907		
<b>Bainville (Ratcliffe/Mission Canyon)</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>129,043</b>
Ratcliffe	1	2,852	8,566	<b>Post-1986 Gas Production (MCF):</b>	<b>80,294</b>
2018 Production:		2,852	8,566	Single spacing unit consisting of S/2 NW/4 and N/2 SW/4 Sec. 13, T28N, R58E for production from the Mission Canyon/Ratcliffe (Order 5-94).	
<b>Bainville II</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,048,285</b>
Ratcliffe	1	0	11	<b>Post-1986 Gas Production (MCF):</b>	<b>1,371,230</b>
Bakken	2	53,057	72,797	320-acre Red River spacing units; no well closer than 660' to the unit boundaries (Order 36-82). Field reduction (Order 16-85). Single Red River spacing unit designated (Order 69-85). Single Madison Group spacing unit, NW/4 27N-59E-6 (Order 122-97). 320-ac. Nisku spacing units, E2 27N-58E-2 (Order 52-02) and W2 27N-58E-1 (Order 124-04).	
Nisku	2	1,886	2,390		
Red River	1	4,542	2,345		
2018 Production:		59,485	77,543		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Bainville, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>10,176,003</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>7,853,758</b>
Mission Canyon	1	11	38	320-acre spacing units for Winnipegosis and Red River consisting of two governmental quarter sections located in one or two governmental sections; wells no closer than 660' to unit boundary and 1,650' to any well producing from the same formation (Order 84-79). Topographic tolerance of 150' (Order 39-80). Spacing units for production from the Nisku Formation (Orders 61-92, 57-96). Spacing unit for production from the Madison (Order 16-93). Commingling authorized (Orders 34-97, 35-97, 112-97, 113-97). Nisku spacing unit, 29N-58E-31:N2 (Order 142-00).			
Ratcliffe	7	19,499	8,431				
Nisku	6	8,640	10,815				
Winnipegosis	4	28,703	30,696				
Red River	8	61,512	39,443				
Ratcliffe, Mission Canyon	1	2,572	0				
	2018	Production:	120,937	89,423			
<b>Bainville, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>734,311</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>373,687</b>
Mission Canyon	1	1,047	1,536	320-acre spacing units for Madison Group to consist of two governmental quarter sections that may be in either one or two governmental sections; location no closer than 660' to the unit boundary and 1,650' to another producing well within the field (Orders 19-78, 42-79). 320-acre Red River spacing units aligned in east-west direction with permitted well to be no closer than 660' to unit boundary (Order 57-80). Nisku spacing unit, E2 28N-57E-34 (Order 50-02).			
Ratcliffe	2	195	8				
Nisku	1	8,528	3,317				
Red River	1	6,092	7,980				
	2018	Production:	15,862				
<b>Bannatyne</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>547,688</b>		
Swift	16	3,945	0	Delineated for production from the Swift and Madison Formations; wells to be located at center of 10-acre tracts, 50' topographic tolerance; commingling permitted (Order 20-58). Pilot waterflood of Swift Formation suspended in 1963.			
Madison	6	989	0				
	2018	Production:	4,934				
<b>Bascom</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>27,830</b>		
				Field rules vacated.			
<b>Battle Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>110</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>65,097,991</b>
Eagle	147	0	582,202	Originally delineated for production of gas from all formations from surface to top of Virgelle with one well per producing horizon per section located no closer than 990' to section line but allowing additional wells in each section no closer than 1,320' to wells producing from same horizon (Order 40-86). Include Lower Eagle and Upper Colorado intervals in a portion of the field (Order 76-92). Battle Creek, South: Four gas wells per horizon, 990' setback from spacing unit boundaries (various orders). Field enlargement (Order 103-02).			
Judith River	1	0	969				
Niobrara	4	0	17,771				
Eagle, Claggett	2	0	8,889				
Eagle, Niobrara	3	0	24,030				
	2018	Production:	0				
<b>Battle Creek, South</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>85,666</b>
Eagle	1	0	2,129	Four gas wells per horizon, 990' setback from spacing unit boundaries (various orders).			
	2018	Production:	0				
<b>Battle Creek, South, Oil</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>201,298</b>		
Sawtooth	2	6,243	0	Statewide plus one designated spacing unit for production of oil from the Sawtooth Formation (Order 136-2004).			
	2018	Production:	6,243				
<b>Battle Creek, Southeast</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,898</b>
Eagle	1	0	394				
	2018	Production:	0				
<b>Beanblossom</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>755,027</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>69,462</b>
Lower Tyler	1	2,745	2,056	Three spacing units consisting of individual lots with one well per lot (Order 23-86).			
	2018	Production:	2,745				

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Bear's Den</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>820,889</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>265,445</b>
Bow Island	1	0	1,411	Swift unit delineated and spacing waived in unitized portion of field (Order 5-89). Statewide spacing for non-unitized lands and formations.			
Swift	10	1,685	2,161				
Madison	1	6	0				
	2018	Production:	1,691	3,572			
<b>Belfry</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>101,245</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>8,760</b>
				Statewide.			
<b>Bell Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>142,728,485</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>70,240</b>
Muddy	101	1,771,376	0	Originally 40-acre spacing units with location 660' from unit boundary with 150' tolerance for topographic reasons only (Orders 37-67, 39-67, 50-67, 1-69, 17-70). Tertiary recovery program (Order 25-80). Dissolution of existing enhanced recovery units and consolidation as the Bell Creek Consolidated (Muddy) Unit (Order 71-91). South Bell Creek (Muddy) Unit approved 6-28-90 (Order 24-90).			
	2018	Production:	1,771,376	0			
<b>Bell Creek, Southeast</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>3,262,948</b>
				160-acre spacing units for Muddy gas production, wells 660' from spacing unit boundary (Order 31-72).			
<b>Benrud</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>289,695</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>14,992</b>
				160-acre spacing for Devonian with wells no closer than 990' from spacing unit boundaries (Orders 1-62 and 44-62). Field rules amended to allow drilling not closer than 660' to the spacing unit boundaries (Order 6-65). Field reduction (Order 66-84).			
<b>Benrud, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,058,154</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>123,714</b>
Nisku	1	3,292	0	160-acre spacing units for Nisku with permitted location within a 1,320' square in center of quarter section (Order 6-65). Single Nisku Formation spacing unit consisting of Lots 3 and 4, Sec. 6, T30N, R48E (Orders 108-84 and 7-85).			
	2018	Production:	3,292	0			
<b>Benrud, Northeast</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,019,598</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>17,551</b>
				Same as East Benrud Field (Order 6-65). Field enlargement (Order 26-66).			
<b>Berthelote</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>80,023</b>		
Sunburst	3	527	0	Sunburst wells to be located 330' from lease lines; 660' between wells with no more than one well per governmental quarter-quarter section (Order 18-66).			
	2018	Production:	527	0			
<b>Big Coulee</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>7,173,117</b>
Lakota	1	0	1,773	Statewide except for single spacing unit for production of gas from the Morrison Formation consisting of Sec. 29, T4N R20E (Order 25-86). Big Coulee Gas Unit (Order 209-07).			
Cat Creek, Third	3	0	4,910				
Morrison	1	0	1,920				
Lakota, Morrison	6	0	41,681				
	2018	Production:	0	50,284			
<b>Big Gully</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>190,415</b>		
Tyler	1	1,374	0	Statewide.			
	2018	Production:	1,374	0			
<b>Big Gully, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>32,155</b>		
				Statewide.			
<b>Big Muddy Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,488,218</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>241,838</b>
				One well per 320-acre spacing unit for Interlake and Red River with wells no closer than 660' to boundary of the four N/2-S/2 spacing units (Order 4-75).			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Big Rock</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>10,764</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>8,641,651</b>
Colorado Shale	5	0	9,166	640-acre spacing units for gas production from Blackleaf "A" Formation; location to be no closer than 990' to any governmental section line (Order 31-78). Amended to allow 2 wells per section in 5 sections (Order 64-85).			
Blackleaf	21	0	26,357				
Bow Island	6	0	11,413				
2018 Production:		0	46,936				
<b>Big Wall</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>8,849,037</b>		
Amsden	2	8,194	0	Basal Amsden Sand and Amsden Dolomite spaced by old statewide spacing; 330' from lease or property line, 990' between wells in same reservoir (Order 12-54). Waterflood of Tyler "B" sand started August 1966 (Order 22-66). A second Tyler "B" waterflood authorized by Order 96-83.			
Tyler	5	12,122	0				
2018 Production:		20,316	0				
<b>Big Wall, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>7,218</b>	Statewide.	
<b>Bills Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,158</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>574,516</b>
Sunburst	1	0	1,654	Field without restrictions except that no well may be drilled closer than 330' to the exterior field boundary (Order 22-80).			
2018 Production:		0	1,654				
<b>Black Butte</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,939,659</b>
Eagle	1	0	13,076	320-acre spacing units for gas production from the Eagle Sandstone consisting of either the N/2 and S/2 or E/2 and W/2 of the section with wells to be no closer than 990' to exterior field boundaries nor closer than 660' to the interior spacing unit boundaries (Order 134-80).			
2018 Production:		0	13,076				
<b>Black Coulee</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>6,955,930</b>
Eagle	13	0	58,809	320-acre Eagle spacing units; well to be located no closer than 990' to unit boundary (Order 6-73). Well location to be no closer than 660' to eastern boundary of Black Coulee Field (Order 37-79). Field enlargement (Order 71-79). Numerous exception locations.			
2018 Production:		0	58,809				
<b>Black Diamond</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>729,607</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>271,788</b>
Red River	1	7,932	0	320-acre spacing units for Duperow, Red River and Nisku Formations; well no closer than 660' to unit boundary (Orders 147-81 and 51-86). Field enlarged (Order 15-87). Portion of existing field delineated for production from Ratcliffe and Mission Canyon (Orders 32-89, 154-00).			
2018 Production:		7,932	0				
<b>Black Jack</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,961,660</b>
Blackleaf	1	0	765	Delineated for Sunburst and Swift with one gas well per 160 acre spacing unit, with well no closer than 660' to spacing unit boundaries (Order 3-69). Order 3-69 amended to include Blackleaf Formation (Order 4-74).			
Sunburst	8	0	27,583				
Swift, Sunburst	1	0	2,404				
2018 Production:		0	30,752				
<b>Blackfoot</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,870,164</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,556,151</b>
Dakota	6	0	14,594	Delineated for Cut Bank, Madison with one well per 40-acre spacing unit; 300' tolerance from center of spacing unit; dual completion in Cut Bank and Madison with administrative approval (Order 3-57). Waterflood started November 1976 (Order 34-76). Blackfoot Shallow Gas: 640-acre spacing units; one well per section per producing horizon above the Kootenai located no closer than 990' to section boundaries (Order 121-80). Sunburst Sandstone spacing unit, 37N-6W-11:W2 SE (Order 1-00).			
Bow Island, Dakota	2	0	1,295				
Cut Bank, Madison	5	3,562	0				
Sunburst, Dakota	1	0	146				
2018 Production:		3,562	16,035				
<b>Blackfoot, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>810</b>	Field rules vacated.	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Blackleaf Canyon</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>32,922</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,054,082</b>
				Single 160-acre Madison spacing unit (Order 84-81). Knowlton Unit: Well spacing requirements suspended provided no well drilled to be closer than 990' to unit boundary (Order 47-81). Two 280-acre spacing units for Sun River (Order 25-85).			
<b>Bloomfield</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,332,668</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,305,028</b>
Dawson Bay	1	6,900	0	320-acre spacing units for Interlake and Red River Formations consisting of two contiguous governmental quarter sections which need not be in the same section; wells located no closer than 660' to spacing unit boundaries (Order 38-83). Dawson Bay Formation added and commingling of Dawson Bay, Interlake, and Red River formations authorized (Order 16-84). Enlarged (Orders 32-84 and 26-89).			
Red River	4	139,020	122,218				
Dawson Bay, Interlake	1	4,706	0				
	2018	Production:	150,626	122,218			
<b>Bloomfield, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,784,435</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>830,730</b>
Red River	6	156,151	108,488	Statewide for production from the Red River Formation plus individual designated spacing units for horizontal wells.			
	2018	Production:	156,151	108,488			
<b>Blue Hill</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>162,251</b>	Statewide.	
<b>Blue Mountain</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>226,542</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>13,484</b>
Red River	1	1,958	0	Statewide.			
	2018	Production:	1,958	0			
<b>Border</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,527,192</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>134,119</b>
Cut Bank	4	1,797	24	Oil: Unitized into New and Old Border fields, 6-1-73 (Orders 8-73, 9-73). Gas: Location no closer than 330' to boundary of legal subdivision; 2,400' between wells in same formation on same lease; 75' topographic tolerance (Order 7-54). Waterflood approved (Orders 8-73, 9-73, 28-73).			
Sunburst	1	0	1,436				
	2018	Production:	1,797	1,460			
<b>Boulder</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>156,754</b>	Statewide.	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
<b>Bowdoin</b>				<b>Post-1986 Gas Production (MCF): 222,907,263</b>
Bowdoin	90	0	277,331	One well per quarter section not less than 1,000' from lease boundary or less than 2,000' from any gas well in same horizon (Order 29-55). Unitized 1958. Delineated (Order 3-72). Spacing waived within lands participating in Bowdoin and Hinsdale Units, 660' setback from unit boundaries (Order 135-97, 166-01). Spacing waiver expanded to include the Colorado Group and specifically the Niobrara and Belle Fourche (Order 194-02). Clarification that orders applicable to non-unit tracts include the Niobrara and Belle Fourche Fms. (Order 266-03). Numerous spacing orders for non-unit tracts.
Niobrara	1	0	1,733	
Phillips	37	0	279,406	
Bowdoin, Phillips, Mowry, B. Fourche	2	0	25,157	
Bowdoin, B. Fourche, Plps, Mwry, Niob.	7	0	76,613	
Mowry, B. Fourche, Phillips, Niob.	2	0	7,371	
Niobrara, Belle Fourche	1	0	7,336	
Bowdoin, Greenhorn, Phillips, Niobrara	1	0	1,520	
Niobrara, Bowdoin, Belle Fourche	14	0	110,127	
Greenhorn-Phillips	1	0	8,428	
Bowdoin, Phillips	26	0	214,640	
Phillips, Belle Fourche	1	0	7,827	
Bowdoin, Phillips, Belle Fourche	42	0	417,474	
Niobrara, Phillips, Belle Fourche	31	0	284,770	
Phillips, Niobrara	6	0	45,124	
Bowdoin, Niobrara	3	0	18,210	
Niobrara, Bowdoin, Phillips, B Fourche	250	0	2,627,838	
Bowdoin, Phillips, Niobrara	126	0	1,118,685	
2018 Production:		0	5,529,590	
<b>Bowes</b>				<b>Cumulative Oil Production (Bbls): 13,272,548 Post-1986 Gas Production (MCF): 10,824,413</b>
Eagle	46	0	136,611	Eagle Sandstone gas wells to be located 660' from boundary of legal subdivision and 1,320' from other wells in same formation with 75' topographic tolerance (Order 23-54). 160-acre Eagle spacing units in Sec. 5, 6, 7, 8, 17, and 18, T31N, R19E (Order 44-75). Sawtooth (Piper) oil wells 330' from lease or property line, 990' between wells in the same formation (Order 13-54). Pilot waterflood initiated in 1961 and expanded to fieldwide waterflood in 1965 utilizing water from Madison (Order 6-61). Vacuum pumps authorized (Order 74-83). Location and spacing requirements waived for lands committed to unit (Order 61-97). Expanded enhanced recovery unit designation (Order 85-97).
Bowes Member	2	17,307	0	
Sawtooth	24	121,655	0	
2018 Production:		138,962	136,611	
<b>Box Canyon</b>				<b>Cumulative Oil Production (Bbls): 245,847 Post-1986 Gas Production (MCF): 55,900</b> Statewide.
<b>Bradley</b>				<b>Cumulative Oil Production (Bbls): 281,145 Post-1986 Gas Production (MCF): 115,107</b>
Bow Island	1	0	556	One well per formation per section for production of gas from all horizons above the top of the Kootenai Formation (Order 91-84). Amended to allow two wells per spacing unit (Order 47-95).
Sunburst	1	392	591	
2018 Production:		392	1,147	
<b>Bradshaw</b>				Spacing waived within Bradshaw Federal Unit; 200' setback from exterior boundaries.
<b>Brady</b>				<b>Cumulative Oil Production (Bbls): 306,672</b>
Burwash	2	454	0	Originally delineated for Sunburst Sandstone; wells to be located at center of 10-acre spacing units with 75' topographic tolerance (Orders 34-62, 55-62). Field enlargement; commingle production from Burwash and Sunburst formations in Section 16 (Order 86-81).
Sunburst	6	1,485	0	
Morrison	8	766	0	
2018 Production:		2,705	0	
<b>Bredette</b>				<b>Cumulative Oil Production (Bbls): 232,121</b> Field rules vacated.

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
<b>Bredette, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>488,554</b>	
				Field rules vacated.		
<b>Breed Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,610,001</b>	<b>Post-1986 Gas Production (MCF): 171,550</b>
Tyler	9	21,107	2,407	Breed Creek Waterflood Unit approved; spacing waived within unitized area; wells to be located no closer than 330' to unit boundaries (Order 12-92). Certified as expanded enhanced recovery unit effective 9/1/94 (Order 90-94).		
	2018	Production:	21,107	2,407		
<b>Broadview</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>337,212</b>
				Single 640-acre Frontier spacing unit comprised of Sec. 35, T5N, R22E (Order 8-86).		
<b>Brorson</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,888,308</b>	<b>Post-1986 Gas Production (MCF): 2,171,779</b>
Madison	2	8,199	3,807	One well per 160-acre spacing unit, wells no closer than 660' to spacing unit boundaries for Mission Canyon and Red River Formations (Order 5-69). Field enlargement (Order 25-82). Spacing units for Stonewall, 23N-58E-5: NW, SW (Order 26-01). Stonewall spacing unit, SW/4 24N-58E-33 (Order 14-02).		
Mission Canyon	2	3,840	613			
Red River	1	7,716	11,563			
Stonewall	1	2,964	3,680			
Mission Canyon, Bakken	1	4,553	4,460			
	2018	Production:	27,272	24,123		
<b>Brorson, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,669,821</b>	<b>Post-1986 Gas Production (MCF): 824,749</b>
Mission Canyon	2	2,000	61	Delineated for Red River production with one well per 160-acre spacing unit, no closer than 660' to spacing unit boundary (Order 26-68). Reduced Field Area (Order 26-77).		
Mission Canyon, Bakken	2	5,300	1,682			
Ratcliffe, Mission Canyon	1	2,639	0			
	2018	Production:	9,939	1,743		
<b>Brown's Coulee</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>2,193,512</b>
Eagle	4	0	10,133	Delineated for Judith River and Eagle gas production; one well per 160-acre spacing unit located no closer than 660' to spacing unit boundary; commingling upon administrative approval (Order 7-74). Eagle spacing units, S/2 SW 23-34N-13E and N/2 NW 26-34N-14E (Order 4-99); SW/4 34N-14E-23 (Order 215-03). Numerous location exceptions.		
	2018	Production:	0	10,133		
<b>Brown's Coulee, East</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>3,395,859</b>
Eagle	10	0	52,159	Statewide.		
	2018	Production:	0	52,159		
<b>Brush Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,857,953</b>	<b>Post-1986 Gas Production (MCF): 2,234,823</b>
Nisku	1	1,600	1,985	320-acre Red River spacing units with initially nine designated spacing units (Order 15-71). Permanent spacing unit, Gunton and Stonewall, S2 33N-58E-11 (Order 13-02). Permanent spacing, Gunton 33N-58E-13, W2, and 14, E2 (Order 40-04).		
Gunton	4	24,289	11,523			
Red River	4	31,300	31,562			
	2018	Production:	57,189	45,070		
<b>Buffalo Flat</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>603</b>	<b>Post-1986 Gas Production (MCF): 53,954</b>
				Statewide.		
<b>Buffalo Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,267</b>	<b>Post-1986 Gas Production (MCF): 9,413</b>
				Statewide.		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Bullwacker</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>34,662,026</b>
Eagle	71	0	507,602	Delineated for Judith River and Virgelle/Eagle gas production with one well per 320-acre spacing unit no closer than 660' to internal spacing unit boundaries and 990' to exterior field boundary (Order 26-74). Field enlarged (Order 63-85). Numerous exception locations/increased density orders.	
Judith River	4	0	3,274		
Eagle, Virgelle	1	0	9,466		
Judith River, Eagle	6	0	37,867		
Eagle, Telegraph Creek	1	0	50,306		
2018 Production:		0	608,515		
<b>Burget</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>155,496</b>
Nisku	1	2,476	1,386	<b>Post-1986 Gas Production (MCF):</b>	<b>76,247</b>
2018 Production:		2,476	1,386	Delineated for production of oil from Red River; 320-acre spacing units comprised of contiguous quarter sections, 660' setback, 1650' between wells, 150' topographic tolerance (Order 25-81).	
<b>Burget, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>725,497</b>
Mission Canyon	1	812	0	<b>Post-1986 Gas Production (MCF):</b>	<b>137,568</b>
Ratcliffe	1	8	0	Statewide.	
Nisku	1	9,272	4,155		
2018 Production:		10,092	4,155		
<b>Burns Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>269,005</b>
				Statewide.	
<b>Burns Creek, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>89,089</b>
Red River	1	1,245	0	<b>Post-1986 Gas Production (MCF):</b>	<b>836</b>
2018 Production:		1,245	0	Statewide.	
<b>Butcher Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>579</b>
				320' between producing wells with "heater" wells to be located no closer than 160' to producing wells (Order 17-60). Amended to authorize Greybull Formation wells no closer than 160' to other wells or 320' to exterior field boundaries; all wells may be utilized for steam stimulation (Order 100-81).	
<b>Bynum</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,971</b>
				Statewide.	
<b>Cabaret Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>462,275</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>2,069</b>
				Statewide.	
<b>Cabin Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>121,228,408</b>
Madison	5	20,307	10,954	<b>Post-1986 Gas Production (MCF):</b>	<b>11,808,976</b>
Mission Canyon	5	69,819	1,156	Spacing waived and general rules suspended until present unit agreement becomes inoperative (Order 36-62). Field boundaries amended and some spacing units designated (Order 118-84). Waterflood of Siluro-Ordovician (Orders 5-59, 15-60, and 30-63). Expanded enhanced recovery unit (Order 12-01).	
Siluro-Ordovician	88	540,293	128,385		
Red River	8	39,069	17,075		
Stony Mountain	1	2,366	0		
2018 Production:		671,854	157,570		
<b>Cadmus</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,173</b>
				Statewide.	
<b>Camp Creek</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>339,876</b>
Eagle	1	0	76	Statewide.	
2018 Production:		0	76		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Canadian Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>14,016</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>3,524</b>
Sawtooth	1	261	0	320-acre spacing units for Jurassic Sawtooth/Piper with well no closer than 660' to interior spacing unit boundary and 990' to field boundaries (Order 18-76).			
	2018	Production:	261	0			
<b>Canadian Coulee, North</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>90,768</b>
Claggett Shale	1	0	3,024	640-acre spacing units for Jurassic Sawtooth. Wells to be no closer than 1,650' to section line (Order 15-74).			
	2018	Production:	0	3,024			
<b>Canal</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,724,171</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>940,962</b>
Mission Canyon	1	4,902	1,451	320-acre Red River spacing units consisting of E 1/2 and W 1/2 of governmental section (Order 34-70). 160-acre Madison spacing units; wells no closer than 660' to unit boundary with 150' topographic tolerance (Order 58-85). Permanent spacing unit, E/2, 23N-59E-7, for horizontal Ratcliffe well (Order 95-97).			
Ratcliffe	1	1,910	0				
Duperow	1	13,992	13,726				
Red River	1	0	33				
	2018	Production:	20,804	15,210			
<b>Cannon Ball</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>74,779</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>23,686</b>
				Statewide.			
<b>Carlyle</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>330,289</b>		
				320-acre Red River spacing units, either the N/2 and S/2 or E/2 and W/2 of section or lots corresponding thereto; wells no closer than 660' to unit boundary or 1,650' to any well drilling to or producing from the same pool (Order 39-79). E 1/2 of 18-11N-61E designated as a spacing unit for Nisku Formation with permission to commingle production (Order 29-87).			
<b>Cat Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>24,483,373</b>		
Cat Creek, Second	1	197	0	220' from lease or property line, 440' from every other well in same formation (Order 17-55). Three separate producing areas, East, Mosby, and West Domes. Field enlargement; upper and lower Brindley wells in Sec. 1, T15N, R28E are to be no closer than 350' from other Morrison wells in said section (Order 101-82). Three Kootenai, two Ellis, and one Amsden waterflood approved (Orders 17-56, 18-59, 13-62, 8-68, 38-70, 11-7). Waterflood modified (Order 29-74).			
Ellis	5	2,704	0				
Morrison	1	1,981	0				
Amsden	1	2,889	0				
Cat Creek 1 & 2	13	7,078	0				
Morrison, Second Cat Creek	1	603	0				
	2018	Production:	15,452	0			
<b>Cattails</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,546,196</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>997,572</b>
Ratcliffe	6	12,509	897	160-acre spacing units for Ratcliffe zone; wells no closer than 660' to unit boundaries (Order 31-88).			
	2018	Production:	12,509	897			
<b>Cattails, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>420,571</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>267,582</b>
Madison	2	2,475	398	160-acre spacing units for Ratcliffe zone; wells no closer than 660' to spacing unit boundaries. Horizontal wells may cross spacing unit boundaries (Order 70-91).			
Ratcliffe	1	0	35				
	2018	Production:	2,475	433			
<b>Cedar Creek</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>261,933,001</b>
Eagle	912	0	5,704,779	320-acre Eagle Formation spacing units for a portion of the area, with wells in center of NW 1/4 and SE 1/4 of each section with 200' topographic tolerance (Order 1-61). Delineation amendments (Order 23-76 and 32-86). Order 33-54 (original delineation) vacated, and a portion of the lands included in Order 1-61 removed (Order 32-86). Spacing in Baker North Eagle Unit waived; 660' setback from unit boundaries (Order 93-94). Two Eagle Fm. wells per spacing unit for a portion of field (Order 4-97). 160-acre spacing for Fed. Units 8A & 8B, 660' setback, 460' topographic tolerance (Order 61-98). Spacing waived, Unit 8A (Order 139-01). Field enlargement (Order 134-03). Increased density (Order 267-03). Topographic tolerance (Order 268-03). Waive spacing in Unit 8B (Order 95-04). Numerous spacing/location exceptions.			
Judith River	10	0	176,246				
Judith River, Eagle	6	0	58,189				
	2018	Production:	0	5,939,214			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
<b>Chain Lakes</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>170,579</b>
				Statewide.		
<b>Charlie Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,250,075</b>	<b>Post-1986 Gas Production (MCF):</b>
Bakken	1	1,030	0	Delineated for Red River, Duperow, and Nisku with 320-acre spacing units, east-west or north-south at option of operator; well no closer than 660' to spacing unit boundary and no closer than 1,650' to another producing well; spacing units may not cross section lines; commingling upon administrative approval (Order 66-76). Single 320 acre spacing unit for Dawson Bay oil production (Order 3-95).		
Dawson Bay	1	20,930	3,213			
	2018	Production:	21,960	3,213		
<b>Charlie Creek, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,406,837</b>	<b>Post-1986 Gas Production (MCF):</b>
Red River	2	11,816	8,646	Two 160-acre spacing units for Duperow Formation (Order 47-87). Two 320-acre spacing units for Red River Formation (Order 38-88). Nisku spacing unit, 25N-55E-9: NE, 10: NW (Order 38-00).		
Red River, Nisku	1	2,018	599			
	2018	Production:	13,834	9,245		
<b>Charlie Creek, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>43,894</b>	<b>Post-1986 Gas Production (MCF):</b>
				Single Red River spacing unit (Order 37-82).		
<b>Chelsea Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>154,396</b>	<b>Post-1986 Gas Production (MCF):</b>
				Statewide.		
<b>Cherry Patch</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>60,276</b>
Eagle	1	0	963	Statewide plus designated spacing units for production from Eagle Fm.		
	2018	Production:	0	963		
<b>Cherry Patch, Southeast</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>2,122,571</b>
Eagle	5	0	16,952			
	2018	Production:	0	16,952		
<b>Cherry Patch, Southwest</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>2,182,082</b>
Eagle	5	0	12,400			
	2018	Production:	0	12,400		
<b>Chinook, East</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>818,966</b>
Eagle	6	0	20,658	Statewide.		
	2018	Production:	0	20,658		
<b>Chip Creek</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>82,548</b>
Eagle	3	0	3,508	160-acre spacing units for Virgelle/Eagle and shallower formations; location no closer than 660' to spacing unit boundary (Order 89-76).		
	2018	Production:	0	3,508		
<b>Clark's Fork</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>105,031</b>	<b>Post-1986 Gas Production (MCF):</b>
Greybull	1	277	12,895	330' from quarter-quarter section line; 1,320' between wells with 75' topographic tolerance (Order 17-54).		
	2018	Production:	277	12,895		
<b>Clark's Fork, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,024,608</b>	
				Delineated for production of gas condensate from Lakota Fm.; 160-acre spacing units, 660' setback from spacing unit boundaries.		
<b>Clark's Fork, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>101,926</b>	<b>Post-1986 Gas Production (MCF):</b>
Frontier	1	77	0	160-acre spacing for Frontier and deeper horizons; location no closer than 330' to quarter section line or 1,320' to any other well (Order 21-69).		
Lakota	1	690	0			
	2018	Production:	767	0		

Field, Reported Formation	# of Wells	Oil, Bbbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Clear Lake</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>5,098,191</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,857,276</b>
Mission Canyon	1	3,002	3,603	Statewide, plus single spacing unit for Madison and Nisku consisting of E/2 NW/4 and W/2 NE/4 Sec. 8, T33N, R58E (Order 21-94).			
Nisku	2	2,760	757				
Red River	2	20,208	11,554				
Red River, Nisku	1	1,881	0				
	2018	Production:	27,851	15,914			
<b>Clear Lake, South</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>543,530</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>243,274</b>
Red River	1	10,862	7,931	Statewide, plus permanent Red River/Nisku spacing unit, S2 33N-58E-33 (Order 133-03).			
	2018	Production:	10,862	7,931			
<b>Coal Coulee</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>696,934</b>
One Eagle well per governmental section, to be located no closer than 990' to section line and only one well permitted per formation (Order 25-78). Amendment provides 320-acre spacing units to be designated by the operator within certain sections; well to be located no closer than 990' to spacing unit boundary (Order 36-79).							
<b>Coal Creek</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,854,391</b>
Wall	12	0	41,934	Delineation for production of gas from coals within the Fort Union Fm. With 80-acre spacing units, 220' setback from boundaries (Orders 278-03, 152-05). Enlargement (Orders 174-08, 322-08, 133-10).			
Canyon, Cook	3	0	10,260				
Cook, Wall, Canyon	1	0	3,324				
	2018	Production:	0	55,518			
<b>Coal Mine Coulee</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>589,647</b>
Eagle	2	0	6,601	Delineated for Judith River and Eagle Formations with 4 wells per 640-acre spacing unit per formation, wells no closer than 990' to the exterior boundaries of the field and no closer than 660' to spacing unit boundaries with 150' topographic tolerance (Order 1-90).			
	2018	Production:	0	6,601			
<b>Coalridge</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>58,589</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>87</b>
Red River	1	2,203	0	Statewide.			
	2018	Production:	2,203	0			
<b>Colored Canyon</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>1,329,902</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>454,942</b>
Red River	1	354	295	Two designated Red River spacing units (Orders 28-84, 115-97). Single 160-acre Nisku spacing unit (Order 86-85).			
	2018	Production:	354	295			
<b>Comertown</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>3,548,983</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>810,143</b>
Ratcliffe	2	4,862	1,217	320-acre Red River spacing units; wells no closer than 660' to spacing unit boundary (Order 35-80). Field enlargement (Orders 9-81 and 150-81).			
Lodgepole	1	819	369				
Duperow	1	46	46				
Nisku	1	183	139				
Red River	3	17,788	8,005				
	2018	Production:	23,698	9,776			
<b>Comertown, South</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>619,299</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>190,733</b>
Red River	1	3,857	1,974	320-acre designated spacing units, wells no closer than 660' to spacing unit boundaries (Order 96-84). Enlarged (Order 20-85).			
	2018	Production:	3,857	1,974			
<b>Conrad, South</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>168,618</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>109,966</b>
Sunburst	2	373	0	Delineated for Dakota production with 10-acre spacing units. Wells in center of each unit with 75' topographic tolerance (Orders 34-62, 31-63).			
	2018	Production:	373	0			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Corner Pocket</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>14,483</b>
				Statewide.	
<b>Cottonwood</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>950,150</b>
Mission Canyon	1	1,043	851	Post-1986 Gas Production (MCF): <b>298,665</b>	
Ratcliffe	4	16,763	5,107	Single 320-acre Red River spacing unit (Order 85-84). Amended to include Ratcliffe (Order 54-92).	
	2018	Production:	17,806	5,958	
<b>Cottonwood, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>190,848</b>
				Post-1986 Gas Production (MCF): <b>59,934</b>	
				Statewide.	
<b>Cow Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>127,813</b>
				80-acre Charles spacing units, direction at option of operator but wells to be in SW 1/4 and NE 1/4 of each quarter section (Order 11-69).	
<b>Cow Creek, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,852,404</b>
Kibbey	5	3,252	0	40-acre spacing units for Charles and Kibbey Formations consisting of quarter-quarter section with permitted well to be at center with 150' topographic tolerance (Order 35-74). Amendment of Order 35-74 and designation of ten 80-acre Charles Fm. spacing units (Order 73-97).	
	2018	Production:	3,252	0	
<b>Crane</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,187,059</b>
Ratcliffe	1	4,629	1,836	Post-1986 Gas Production (MCF): <b>2,484,048</b>	
Duperow	1	16,268	637	320-acre spacing units for Red River and Duperow Formations consisting of one half of a section; wells to be no closer than 660' to spacing unit boundary and 1,650' to any well drilling to or producing from the same pool (Order 40-79). Madison/Duperow 320-acre spacing unit, 22N-58E-35:SE, 36:SW (Order 84-00). Drilling/production exceptions (Orders 27-01, 165-01).	
Duperow, Mission Canyon	1	1,760	6		
	2018	Production:	22,657	2,479	
<b>Crocker Springs, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,476</b>
				Statewide (Order 68-82 which established 80-acre spacing units was vacated by Order 37-87).	
<b>Crooked Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>28,999</b>
				Statewide.	
<b>Culbertson</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>175,652</b>
				Statewide.	
<b>Cupton</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,348,000</b>
Red River	4	19,097	3,293	Post-1986 Gas Production (MCF): <b>471,208</b>	
	2018	Production:	19,097	3,293	160-acre quarter section spacing units for Red River Formation. Location no closer than 660' to spacing unit boundary (Order 4-72).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Cut Bank</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>174,180,342</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>66,500,501</b>
Other Top	1	72	0	Oil: 330' from legal subdivision line, 650' between wells in same formation 5-spot on 40-acre tract permitted; 75' topographic tolerance (Order 10-54). Gas: 330' from legal subdivision, 2,400' between wells in same formation; 75' topographic tolerance except for setback from legal subdivision boundary (Order 10-54). Sec. 20, 29, and 32 of T36N, R4W spaced 320-acres (N 1/2 and S 1/2) (Order 26-70). Cut Bank Special Spacing area: E 1/2 and W 1/2 spacing units with wells to be located no closer than 330' to legal subdivision line nor less than 2,400' from any well in the same reservoir (Orders 82-76, 6-77). Field extension (Order 3-79). Delineation to include all formations from surface to base of Madison Formation (Order 45-80). Field enlarged (Orders 68-83, 13-85). Additional wells in selected spacing units in Special Spacing area (Orders 14-93, 51-93, 2-94). SCCBSU approved (Order 88-85). Cut Bank-Airport Unit approved (Order 26-92). Airport Unit vacated, Westbank Unit approved (Order 32-97). Enlargement (Order 48-04).			
Blackleaf	3	0	3,979				
Bow Island	20	0	35,721				
Cut Bank	528	148,880	299,080				
Dakota	1	0	1,506				
Kootenai	2	0	3,113				
Lander	5	121	4,247				
Moulton	15	3,272	64,769				
Sunburst	11	420	6,780				
Ellis	2	13	226				
Madison	41	54,498	216				
Cut Bank, Moulton	1	898	0				
Bow Island, Dakota	4	0	10,644				
Bow Island, Blackleaf	1	0	2,561				
Cut Bank, Bow Island	7	0	8,342				
Cut Bank, Madison	2	3,011	0				
Bow Island, Sunburst, Cut Bank	9	0	11,184				
Bow Island, Moulton, Sunburst	1	0	4,908				
Moulton, Sunburst	1	9	0				
Cut Bank, Sunburst	6	454	8,431				
2018 Production:		211,648	465,707				
<b>CX</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>118,723,081</b>		
				Temporary designation, 160-acre spacing units, surface to base Fort Union; four wells per spacing unit, 220' setback from spacing unit boundaries (Order 108-97). Publication of intent to drill waived (Order 35-98). Permanent spacing (Order 174-00). Field enlargement (Order 100-03, 6-04).			
<b>Dagmar</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>860,925</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>349,311</b>
Red River	1	4,594	6,559	Statewide.			
2018 Production:		4,594	6,559				
<b>Dagmar, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>55,342</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>3,808</b>
				Delineated for production from the Red River Formation with 320-acre, E/2 and W/2 spacing units, 660' setback from spacing unit boundaries.			
<b>Deadman's Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>264,528</b>	Statewide.	
<b>Dean Dome</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>92,597</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>704,623</b>
				Statewide.			
<b>Deer Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,558,804</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,267,088</b>
Charles	2	10,699	1,714	80-acre spacing units for Interlake and Red River consisting of any two adjacent quarter-quarter sections. Well location in NE 1/4 and SW 1/4 of each quarter section with 75' topographic tolerance (Orders 23-55 and 14-59). Well location amendment. (Order 10-86) Commingling of production from the Interlake, Stony Mountain, Red River, and Charles with administrative approval (Order 18-63). 80-acre Charles Fm spacing unit, E/2 NE/4, 17N-53E-22 (Order 75-97). Regular section spacing units for Charles Fm horizontal wells (Orders 20-97, 90-97, 91-97, 118-97). Tyler spacing unit, E/2 NE 35-17N-53E (Order 51-98).			
Charles C	2	8,557	4,681				
Red River	1	23,910	3,904				
Charles, Interlake	1	5,888	0				
2018 Production:		49,054	10,299				

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Delphia</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>380,101</b>
Amsden	1	44	0	Statewide.	
2018	Production:	44	0		
<b>Den</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>176,125</b>
				Single spacing unit for production of oil from Charles and Mission Canyon Formations (Order 34-95).	
<b>Devil's Basin</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>143,476</b>
Tyler	1	12	0	10-acre spacing units for Heath Formation; well location to be in the center of each spacing unit with a 75' tolerance for topographic or geologic reasons (Order 114-80). Certain lands removed from field (Orders 103-94, 64-97).	
2018	Production:	12	0		
<b>Devil's Pocket</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>53,796</b>
				40-acre spacing units for Heath Formation; wells no closer than 165' to spacing unit boundary (Order 34-85).	
<b>Devon</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>2,732,671</b>
Bow Island	20	0	31,257	160-acre spacing units for production of gas, all formations from surface to top of Kootenai Formation; wells located no closer than 330' to quarter section lines and 660' to exterior boundaries of field, existing wells excluded (Order 32-83). Field enlarged, amended to provide 320-acre spacing units for Bow Island Formation; wells located no closer than 660' to interior spacing unit line and 990' to section lines (Order 50-86). Field enlargement (Order 5-88). Permanent spacing unit, Bow Island, S2 32N-2E-23 (Order 186-02).	
2018	Production:	0	31,257		
<b>Devon, East</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>1,396,325</b>
Bow Island	9	0	17,007	320-acre spacing units for Bow Island gas production consisting of any two contiguous quarter sections; wells located no closer than 660' to spacing unit boundaries (Order 42-86). Field enlarged (Order 26-87, 149-00).	
Spike Zone, Blackleaf Fm.	1	0	1,101		
2018	Production:	0	18,108		
<b>Devon, South</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>9,249</b>
				Delineated for gas production from all horizons above the top of the Kootenai with 320-acre spacing units; wells located no closer than 660' to unit boundaries (Order 24-84). Field enlarged (Order 11-87).	
<b>Devon, South Unit</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>591,378</b>
Bow Island	6	0	1,620	South Devon Unit (Bow Island) drilled on statewide spacing and unitized for primary production (Order 28-71).	
2018	Production:	0	1,620		
<b>Diamond Point</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,350,194</b>
Mission Canyon	1	11,620	7,053	<b>Post-1986 Gas Production (MCF):</b>	<b>692,431</b>
2018	Production:	11,620	7,053	320-acre spacing unit with two wells to produce from the Red River or from commercial production at any depth shallower (Order 20-80).	
<b>Dietz</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>4,766,697</b>
Canyon	4	0	39,915	80-acre spacing units aligned at operator's discretion with one well per coal seam within the Fort Union Formation, 220' setback from spacing unit boundaries, commingling authorized (Order 277-05).	
Cook Coal	13	0	4,304		
Monarch	1	0	252		
Wall	7	0	7,857		
Dietz 2, Dietz 3	2	0	3,562		
Cook, Wall	3	0	153		
Canyon, Cook	8	0	69,932		
Cook, Wall, Canyon	3	0	3,951		
2018	Production:	0	129,926		
<b>Dietz, South</b>				80-acre spacing units for the production of gas from coals within the Fort Union Fm.; 220' setback (Order 385-2006).	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Divide</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,807,567</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,603,604</b>
Mission Canyon	1	2,284	1,001	Ratcliffe and Mission Canyon 160-acre spacing units, no closer than 660' to spacing unit boundaries and 1600' between wells; 150' topographic tolerance excluding boundary setback (Order 7-81).			
Ratcliffe	4	12,863	2,295				
Red River	7	26,276	15,913				
Ratcliffe, Mission Canyon	2	4,267	2,383				
	2018	Production:	45,690	21,592			
<b>Dooley</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>465,631</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>167,094</b>
Ratcliffe	2	4,540	1,402	Statewide.			
	2018	Production:	4,540	1,402			
<b>Dry Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,173,232</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>16,295,816</b>
Eagle	1	0	9,852	Field delineated for Frontier gas production with E 1/2 or W 1/2 of sections as spacing units (Order 8-70). West Dome gas storage project approved (Order 31-66). Enlarged (Order 69-92). Order 8-70 modified to allow N 1/2 or S 1/2 of section as spacing units (Order 31-76).			
Frontier	12	0	123,858				
Judith River	2	0	17,650				
Virgelle Sandstone	1	0	16,405				
Greybull	1	156	33,109				
Judith River, Eagle	2	0	17,872				
	2018	Production:	156	218,746			
<b>Dry Creek (Shallow Gas)</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,180</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,620,262</b>
Judith River, Claggett, Eagle, Virgelle	1	0	38,837	160-acre spacing units with 1 well per productive horizon above Cody Shale per spacing unit; location no closer than 660' to spacing unit boundaries (Order 54-76). Additional wells (Order 13-90).			
	2018	Production:	0				
<b>Dry Creek, Middle</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>30,052</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>970,765</b>
Frontier	2	0	15,597	320-acre spacing units for Frontier gas production consisting of two adjacent governmental quarter sections lying north-south or east-west at operator's option; permitted well no closer than 660' to spacing boundary (Order 25-75).			
Virgelle Sandstone	1	420	9,139				
	2018	Production:	420				
<b>Dry Creek, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>16,444</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,648,669</b>
Frontier	1	0	36,942	Originally 160-acre spacing units for Greybull Sandstone; well location anywhere in spacing unit but no closer than 660' to unit boundary (Order 43-78); amended to include Frontier Formation (Order 65-82). Field enlargement (Orders 86-82, 154-04).			
	2018	Production:	0				
<b>Dry Fork</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>536,780</b>
Bow Island	5	0	5,774	One well per section per horizon above top of Kootenai; wells no closer than 990' to spacing unit boundaries (Order 32-82). Additional well in Sections 20, 21 (Order 291-04).			
	2018	Production:	0				
<b>Dugout Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>911,549</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,053,991</b>
Red River	1	17,529	26,789	Delineated for production from Red River with 320-acre spacing units, 660' setback from boundaries (Order 22-82). Field enlargement, S/2 26N-55E-15 (Order 98-98).			
	2018	Production:	17,529				
<b>Dugout Creek, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>57,400</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>131,419</b>
				Statewide.			
<b>Dunkirk</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,165,546</b>
Dakota	7	0	15,482	One well per section for each producing zone, formation, or horizon above Kootenai Formation, no closer than 990' to section lines (Order 58-81). Field enlargements (Orders 104-81 and 66-82).			
	2018	Production:	0				

Field, Reported Formation	# of Wells	Oil, Bbbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Dunkirk, North</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>19</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>4,822,244</b>
Bow Island	26	0	28,717	One well per governmental section per Bow Island zone or horizon, 990' setback (Order 25-77). Amended to allow 4 wells per section located no closer than 1,320' to another well producing from the same horizon (Order 7-89). Field enlargements (Orders 64-78, 157-81 and 6-89). Field reductions (Order 61-91, 6-95). Include Sunburst and Swift formations in 3 sections, 4 wells per formation per section with 660' setbacks, 1320' from any other well producing from same formation; 75' topographic or geologic tolerance (Order 72-91).			
Sunburst	1	0	945				
Swift	2	0	2,670				
	2018	Production:	0	32,332			
<b>Dunmore</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>575,577</b>
<b>Dutch Henry</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>104,164</b>	Statewide plus two designated 160-acre spacing units (Orders 95-94 and 96-94).	
<b>Dutch John Coulee</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>393,001</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,174,568</b>
Sunburst	4	5,950	42,400	Sunburst sand unitization and gas repressuring project approved; operator may drill additional wells anywhere in unit but no closer than 330' to unit boundaries (Order 27-88).			
	2018	Production:	5,950				
<b>Dwyer</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>10,966,261</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,305,697</b>
Ratcliffe	1	8,099	3,367	160-acre Madison spacing units; well location in center of SE 1/4 of spacing units with 175' topographic tolerance (Orders 25-60, 29-61). Field reduction (Order 30-85). Single 320-acre Nisku spacing unit (Order 30-87). Waterflood (Order 20-68). Single Red River spacing unit with 2 wells (Order 97-83). Single 320-acre Winnipegosis spacing unit (Order 10-91). Exception to produce Ratcliffe (Order 60-96). Duperow spacing unit, NE Sec. 11, NW Sec. 12, 32N-58E (Order 28-98). Expanded enhanced recovery project certification (Order 60-03). Remove 32N-59E-17 from field delineation (Order 45-09).			
Nisku	1	1,792	671				
Red River	1	6,402	0				
	2018	Production:	16,293	4,038			
<b>Eagle</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>2,529,472</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>966,171</b>
Madison	2	2,746	1,168	Statewide.			
Mission Canyon	1	1,287	0				
Ratcliffe, Mission Canyon	1	1,759	0				
	2018	Production:	5,792	1,168			
<b>Eagle Spring</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>39</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>328,808</b>
Bow Island	4	0	3,003	One well per governmental section per zone, located no closer than 990' to section line for all gas zones above the top of the Rierdon Formation; commingling of Swift and Sunburst permissible (Orders 4-78, 19-79). Enlargement (Order 20-93).			
Bow Island, Sunburst	1	0	364				
	2018	Production:	0				
<b>East Glacier</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>57,003</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>12,412</b>
Cone Calcareous Member	1	1,488	1,036	160-acre spacing units for Greenhorn (Order 41-81). Enlarge field and designation of 80-acre spacing units; permitted well to be located no closer than 330' to the exterior boundaries (Order 112-81).			
	2018	Production:	1,488				
<b>Elk Basin</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>95,230,881</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>17,458,855</b>
Frontier	10	4,288	4,857	Spacing waived within unit areas (Order 10-61). Frontier: Water injection (Order 1-72). Embar-Tensleep pressure maintenance by crestal gas injection. Waterflood approved in 1966 (Order 5-66). Madison: Water injection (Order 17-61). Frontier exception locations (Orders 35-, 36-, 37-01). Frontier spacing unit (Order 1-02).			
Madison	16	95,631	43,278				
Embar, Tensleep	27	219,464	599,057				
	2018	Production:	319,383	647,192			
<b>Elk Basin, Northwest</b>				<b>Cumulative Oil Production (Bbbls):</b>	<b>3,079,458</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,039,019</b>
Frontier	3	998	5,222	Spacing waived within unitized portion except that bottom of hole be no closer than 330' from unit boundary and there be at least 1,320' surface distance between wells in same formation; 75' topographic tolerance (Orders 43-63, 28-64). Embar-Tensleep waterflood (Order 3-67, 6-74).			
Madison	2	20,180	10,693				
	2018	Production:	21,178				

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Elm Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>181,164,965</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>188,508,925</b>
Bakken	867	6,308,917	12,290,705	Numerous individual orders for Bakken Formation spacing; area generally developed with 640-acre or 1280-acre spacing units and includes lands with existing field names applicable to other formations.			
2018 Production:		6,308,917	12,290,705				
<b>Elm Coulee, Northeast</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>38,474,050</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>35,613,978</b>
Bakken	272	4,899,196	5,532,147	Non-delineated area with individual spacing orders for production from the Bakken Formation.			
Three Forks	17	126,619	175,226				
2018 Production:		5,025,815	5,707,373				
<b>Enid, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,366,460</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,470,316</b>
Red River	3	25,875	46,196	Spaced for one-well Red River field, NE 1/4 of Section 10 and NW 1/4 of Section 11, T23N, R54E (Order 45-79).			
2018 Production:		25,875	46,196				
<b>Epworth</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>132,932</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>44,318</b>
Bakken	1	1,196	0	Statewide.			
2018 Production:		1,196	0				
<b>Ethridge</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,465,243</b>
Bow Island	1	0	2,716	320-acre spacing units for Swift Formation; well locations no closer than 660' to unit boundaries (Order 4-90). Field enlarged (Order 4-92).			
Swift	8	0	31,331				
2018 Production:		0	34,047				
<b>Ethridge, North</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>469,169</b>
Bow Island	4	0	3,217	320-acre spacing units for horizons above Rierdon; well location to be no closer than 660' to unit boundaries; Section 2, T33N, R4W to remain a 640-acre spacing unit (Order 98-81). Designation of a 640-acre spacing unit for Third Bow Island Sand gas production (Order 66-93).			
2018 Production:		0	3,217				
<b>Fairview</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>10,772,457</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>4,271,938</b>
Mission Canyon	2	2,530	136	160-acre spacing units; wells located no closer than 660' to unit boundary (Orders 48-65, 1-67, 43-67, 44-67, 38-84). Field reduction (Order 119-84). Enlargement (Order 16-87). Northwest part of field unitized for gas injection (Order 11-70). Spacing exception, 25N-58E-14:SE (Order 143-00).			
Ratcliffe	2	3,538	560				
Duperow	1	4,158	1,960				
Red River	2	26,107	6,764				
Ratcliffe, Mission Canyon	1	3,256	2,422				
2018 Production:		39,589	11,842				
<b>Fairview, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>532,463</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>186,283</b>
				320-acre designated Red River spacing units (Order 76-81).			
<b>Fairview, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>637,057</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>247,525</b>
Ratcliffe	1	3,600	1,620	Statewide.			
2018 Production:		3,600	1,620				
<b>Fertile Prairie</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>807,540</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>75,495</b>
				80-acre north-south Red River spacing units; location in NW 1/4 and SE 1/4 of quarter section with 75' topographic tolerance (Orders 3-56, 7-62). Amended to provide well locations for each 80-acre spacing unit to be the center of the SW or NE quarter quarter section of each quarter section with 75' tolerance for surface obstructions (Order 65-80). Field enlargement (Order 70-94). Field rules vacated for Red River Formation (East Lookout Butte (Red River) unit, Order 70-95).			
<b>Fiddler Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,009</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,764</b>
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Fishhook</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,587,537</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>400,567</b>
Red River	1	11,254	8,786	Statewide.			
	2018 Production:	11,254	8,786				
<b>Fitzpatrick Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>257</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,241,745</b>
Bow Island	9	0	20,882	One well per governmental section located no closer than 990' to section line for all gas zones above the top of the Kootenai (Order 31-79). Field enlarged (Orders 113-84 and 2-92). Authorization to complete two Swift Formation gas wells in Sec. 10, T36N, R4W (Order 50-93). Sec. 14 & 15, T36N, R4W delineated for formations above Swift and below Bow Island; 320-acre spacing units consisting of two regular quarter sections in one or two sections; 660' setback from spacing unit boundaries (Order 1-94). Field reduction, enlargement, rule amendments (Orders 123-01, 88-03).			
Sunburst	1	0	1,758				
	2018 Production:	0	22,640				
<b>Flat Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,980,077</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,254,541</b>
Bow Island	1	0	1,026	Bow Island Gas: wells to be 330' from boundary of legal subdivision and 1,320' from other wells in same reservoir (Orders 36-54, 16-55). Sawtooth/Swift oil: 40-acre spacing units; well in center of spacing unit with 150' topographic tolerance (Orders 16-62, 19-63). Waterflood unit and redelineation approved for Swift sandstone (Orders 13-71, 17-A-71, 22-71).			
Dakota	1	0	1,035				
Swift	12	11,222	591				
Bow Island, Dakota	1	0	1,741				
	2018 Production:	11,222	4,393				
<b>Flat Coulee, East</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>46,707</b>
Spike Zone, Blackleaf Fm.	1	0	3,170	Single 160-acre spacing unit, 37N-6E-19: NW/4, for gas production from the McQuigg 1-19 well (Order 351-2004).			
	2018 Production:	0	3,170				
<b>Flat Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>23,728,638</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>4,052,071</b>
Ratcliffe	13	24,919	5,119	160-acre Madison spacing units; well location in center of NE 1/4 of quarter section with 200' topographic tolerance; wells no closer than 961' to North Dakota state line and no closer than 1,600' to Canadian line (Orders 10-65, amended; 43-65, 23-66, 33-66). Unit operation for eastern part of field (Order 7-71). Unit operation for western part of field (Order 32-74). Lower Ratcliffe permanent spacing unit NE/4 Sec. 13 and NW/4 Sec. 18, 37N-57E (Order 22-97). Nisku unit approved (Orders 112-00, 118-00, 62-03). E. Flat Lake Unit, expanded unit certified (Order 61-03).			
Bakken	17	95,869	41,209				
Nisku	6	21,707	5,083				
Red River, Nisku	1	465	142				
	2018 Production:	142,960	51,553				
<b>Flat Lake, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>340,358</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>56,005</b>
Madison	1	1,081	477	Single 160-acre Madison spacing unit (Order 103-84).			
	2018 Production:	1,081	477				
<b>Flat Lake, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,292,128</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>22,374</b>
				160-acre spacing units for Ratcliffe (Order 2-67); Wells may be located anywhere within the spacing unit but no closer than 660' to any unit boundary (Order 49-80).			
<b>Flaxville</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>56,283</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,414</b>
				160-acre Madison spacing units; permitted wells to be no closer than 660' to the exterior boundaries of the unit (Order 105-82). 150' tolerance for topographic reasons (Order 124-82).			
<b>Forks Ranch</b>				80-acre spacing units for the production of gas from coals within the Fort Union Fm.; 220' setback (Order 383-2006).			
<b>Fort Conrad</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>767,116</b>
Bow Island	1	0	12	640-acre spacing units for Bow Island gas production; wells no closer than 990' to the section line (Order 19-81). Field enlargement (Order 118-82).			
	2018 Production:	0	12				

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Fort Gilbert</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,813,001</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>693,935</b>
Madison	2	4,749	2,261	160-acre Ratcliffe/Mission Canyon spacing units; wells no closer than 660' to unit boundary with 150' topographic tolerance (Order 94-81). Excess produced associated gas reinjected into Duperow Formation (Order 78-81).			
Red River	1	5,420	0				
Ratcliffe, Mission Canyon	1	1,584	2,485				
	2018	Production:	11,753	4,746			
<b>Four Buttes</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>42,391</b>	Single spacing unit for production from McGowan (Order 15-98).	
<b>Four Mile Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>544,890</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>90,401</b>
				320-acre spacing units for Red River (Order 43-75). Field reduction (Order 10-83).			
<b>Four Mile Creek, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>716,152</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>340,208</b>
Red River	1	10,186	7,697	Statewide.			
	2018	Production:	10,186	7,697			
<b>Fourmile East</b>				80-acre spacing units for production of gas from coals within the Fort Union Fm.; 220' setback (Order 398-2006).			
<b>Fox Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>325,764</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>147,003</b>
Red River	1	3,608	0	Statewide.			
	2018	Production:	3,608	0			
<b>Fox Creek, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>75,398</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>5,813</b>
				160-acre spacing units for Madison Formation; wells no closer than 660' to the unit boundary with 150' topographic tolerance (Order 13-84).			
<b>Fox Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>54,432</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>116,665</b>
				Single spacing unit, Red River Formation, 22N-55E-28: W/2 and 29: E/2 (Order 38-2005).			
<b>Frannie</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>773,613</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>107</b>
				10-acre spacing units; well location in center of each unit with 100' topographic tolerance (Order 35-63). Unitized for waterflood of Phosphoria-Tensleep formations using produced fluids (Order 21-70). EOR approved (Order 62-85).			
<b>Fred &amp; George Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>14,111,221</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>849,681</b>
Bow Island	3	0	13,406	Sunburst Oil: 40-acre spacing units; well location in center of unit with 250' topographic tolerance (Orders 29-63, 1-65, amended by Order 27-65). Sunburst Gas: same as Arch Apex (Order 4-60). Several Sunburst A and B Sand waterflood units in field and area (Orders 13-70, 27-71, 40-80, 43-93, 44-93, 60-93, 64-93).			
Sunburst	28	19,829	373				
	2018	Production:	19,829	13,779			
<b>Fresno</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>5,395,577</b>
Eagle	6	0	19,462	640-acre spacing units for Eagle (Virgelle) and shallower horizons; wells located no closer than 990' to unit boundary; one well per spacing unit per horizon (Order 14-76). Field enlargement and modification of field rules within certain areas (Order 52-80).			
Niobrara	18	0	66,586				
	2018	Production:	0	86,048			
<b>Frog Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>378,196</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>509,446</b>
				320-acre Red River spacing units; wells no closer than 660' to the unit boundary (Order 55-79).			
<b>Froid, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>459,379</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>144,549</b>
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Gage</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>695,150</b>
Amsden	2	1,631	0	40-acre Amsden spacing units; well to be in center of each unit with a tolerance of 150' for topographical or geological reasons (Order 120-80). Field enlargement (Order 44-81).	
	2018 Production:	1,631	0		
<b>Galata</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>1,660,337</b>
				Two wells from same Bow Island horizon per section no closer than 1,320' to each other and 990' to section lines (Order 28-85). Field enlarged (Orders 21-84, 41-85 and 76-85). Four wells per section authorized (Order 18-01).	
<b>Gas City</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>13,732,879</b>
Siluro-Ordovician	16	72,418	63,900	<b>Post-1986 Gas Production (MCF):</b>	<b>1,224,942</b>
Red River	1	10,609	1,560	80-acre spacing units consisting of E 1/2 and W 1/2 of quarter sections; well location in NW 1/4 and SE 1/4 of quarter section; 150' topographic tolerance; spacing waived in unitized portion of field (Order 29-62). Waterflood (Order 16-69). Field reduction (127-03, 150-03).	
	2018 Production:	83,027	65,460		
<b>Gas Light</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>1,585,990</b>
Eagle	13	0	24,020	Delineated, Eagle Formation, 640-acre spacing units with up to 4 wells per section; 660' setback from spacing unit boundaries (Order 149-01).	
	2018 Production:	0	24,020		
<b>Gettysburg</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>304</b>
				Statewide.	
<b>Gildford, North</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>32,253</b>
				320-acre spacing units for Sawtooth production with no well closer than 660' to spacing unit boundary (Orders 9-58, 38-76, 9-79). Eagle Spacing unit S2 33N-11E-6, N2 33N-11E-7 (Order 220-02). Sawtooth spacing unit S2 S2 33N-11E-6, N2 N2 33N-11E-7 (Order 33-03).	
<b>Girard</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>753,912</b>
Bakken	2	2,336	0	<b>Post-1986 Gas Production (MCF):</b>	<b>295,812</b>
	2018 Production:	2,336	0	Statewide, plus Bakken spacing unit comprised of 24N-55E-11: All, 2 horizontal wells authorized (Order 146-01).	
<b>Glendive</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>15,738,361</b>
Siluro-Ordovician	5	42,765	2,757	<b>Post-1986 Gas Production (MCF):</b>	<b>672,303</b>
Red River	4	21,760	8,959	80-acre spacing units consisting of any two adjacent quarter-quarter sections; wells located in center of NE 1/4 and SW 1/4 of each quarter section with 75' topographic tolerance (Orders 27-55, 19-62, 58-62, 20-66). Additional 80-acre spacing units; commingling of Red River and Madison formations (Order 95-84). Additional Red River Formation wells in specific spacing units (Orders 21-93, 22-93).	
	2018 Production:	64,525	11,716		
<b>Glendive, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>68,936</b>
				Statewide.	
<b>Gold Butte</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>7,146</b>
Dakota	1	5	0	<b>Post-1986 Gas Production (MCF):</b>	<b>18,459</b>
Sunburst, Dakota	1	581	0	640-acre spacing for Bow Island and Swift, well location in any quarter-quarter section cornering on center of section (Order 26-59). Amended field boundary (Order 43-77).	
	2018 Production:	586	0		
<b>Golden Dome</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>125,531</b>
Eagle	1	0	938	<b>Post-1986 Gas Production (MCF):</b>	<b>2,747,843</b>
Frontier	4	0	17,040	Originally 160-acre spacing for Judith River, Claggett, and Eagle (Virgelle); wells to be 660' from spacing unit boundary (Order 15-72). Single spacing unit for Greybull Formation (Order 17-82). Field enlargement and inclusion of Frontier and Greybull formations (Order 135-82).	
Greybull	2	0	18,515		
	2018 Production:	0	36,493		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Goose Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>10,963,008</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>563,275</b>
Ratcliffe	5	16,929	7,415	160-acre spacing units for Ratcliffe Formation (Order 42-63). Field enlarged (Orders 40-66, 47-67, 16-68). Refer to said orders for authorized well locations. Field size reduced (Order 29-77). Single spacing unit for Red River (Order 1-82). North Goose Lake Unit waterflood (Order 17-72).			
Red River	1	12,105	15,527				
	2018	Production:	29,034	22,942			
<b>Goose Lake Red River</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>92,463</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>16,008</b>
Red River	1	894	402	Two 320-acre spacing units for Red River Formation (Orders 1-82, 56-96). Red River 'D' zone excluded from Order 56-96 (Order 41-97).			
	2018	Production:	894				
<b>Goose Lake, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,522</b>		
				320-acre N/2 and S/2 spacing units for production from Red River Fm. 660' setback from spacing unit boundaries (Order 20-81).			
<b>Goose Lake, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>797,991</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>160,074</b>
Red River	1	4,847	1,779	Statewide, plus single Red River spacing unit (Order 100-98).			
	2018	Production:	4,847				
<b>Gossett</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>429,747</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>86,948</b>
Ratcliffe	1	1,183	0	Statewide.			
	2018	Production:	1,183				
<b>Graben Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,780,806</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>37,891</b>
Cut Bank	31	7,986	0	Sunburst - 40-acre spacing units; well location no closer than 330' to legal subdivision boundary. Cut Bank and Madison - Oil: 330' from boundary of legal subdivision and 650' from any other well in same reservoir and on same lease; 75' topographic tolerance; 5-spot location on 40-acre tract (Order 73-62). Waterflood of Cut Bank sands (Order 61-83).			
Sunburst	7	1,754	0				
Cut Bank, Madison	6	2,872	0				
	2018	Production:	12,612				
<b>Grandview</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>143,666</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,812,885</b>
Bow Island	9	0	41,768	320-acre spacing units for all gas producing horizons, aligned in a north-south direction; well location no closer than 660' to a spacing unit boundary (Order 49-67). 160-acre spacing units, NE & SE, 34N-4E-15 (Order 107-02). Additional wells (Order 38-03). Enlargement (Orders 123-02, 242-03). Permanent spacing unit, 34N-4E-4-W2SW, 5-E2SE, 8-E2NE, 9-W2NW, two wells authorized (Order 111-03). Permanent spacing unit, 34N-4E-8, W2NE and SE, two wells + two wells in W2 of Sec. 8 (Order 243-03).			
Sunburst	1	2,988	0				
Sawtooth	1	0	4,119				
Bow Island, Sunburst, Swift	1	5,052	2,102				
	2018	Production:	8,040	47,989			
<b>Grandview, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>76,269</b>		
Swift	2	474	0	Statewide.			
	2018	Production:	474				
<b>Gray Blanket</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>566,416</b>		
Tensleep	2	6,817	0	40-acre spacing units for Tensleep Formation. Wells located no closer than 330' to spacing unit boundary with 150' tolerance upon administrative approval (Order 20-92).			
	2018	Production:	6,817				
<b>Grebe</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>102,493</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,376</b>
Tyler	2	2,754	0	Tyler secondary recovery unit approved (Order 5-75).			
	2018	Production:	2,754				
<b>Green Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>128,759</b>		
				160-acre spacing units for Ratcliffe Formation; locations no closer than 660' to unit boundaries, 150' tolerance for topographic or geologic reasons. 320-acre spacing units for the Red River Fm with location to be no closer than 660' to the unit boundary nor closer than 1,650' to any well producing from the Red River (Order 56-81).			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Green Coulee, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>225,472</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>42,416</b>
Ratcliffe	1	2,282	0	Delineated for production from Red River Formation with single 320-acre spacing unit (Order 99-82). Redelineation (Order 6-95). Reduction (Orders 108-02, 174-02).			
	2018	Production:	2,282	0			
<b>Gumbo Ridge</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>649,222</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>503</b>
				Tyler Formation waterflood unit (Order 54-79). Certified as an expanded enhanced recovery unit effective 1/1/95 (Order 6-95).			
<b>Gunsight</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,115,853</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>320,126</b>
Ratcliffe	3	9,178	3,999	Statewide.			
	2018	Production:	9,178	3,999			
<b>Gypsy Basin</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>525,121</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>83,093</b>
				Sunburst-Swift - 330' from lease lines and 660' between wells in same formation; only two wells per quarter-quarter section (Order 7-66). Sawtooth-Madison oil and gas - 40-acre spacing units; wells no closer than 330' from lease line (Orders 7-66, 12-79).			
<b>Hammond</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>379,096</b>
				320-acre spacing units for Muddy Formation; each unit shall consist of a regular half of a governmental section with well location to be no closer than 660' to a unit boundary nor closer than 990' to the exterior boundaries of the field (Order 97-80).			
<b>Hardpan</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,805</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,767,303</b>
				Spacing one well per section for Kootenai and above. Well location no closer than 990' to the section boundary (Order 145-81). Field enlargement (Order 131-82). Allow 2 wells per spacing unit in Sections 15, 20 and 21, T27N, R3E (Order 72-92). Allow 4 wells per section (Order 16-01). Field enlargement (Order 203-03).			
<b>Hardscrabble Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>170,566</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>64,031</b>
				Statewide.			
<b>Havre</b>							
				Single spacing unit for production of gas from Eagle (Order 48-82).			
<b>Hawk Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>13,277</b>		
				Statewide.			
<b>Hawk Haven</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>55,550</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>5,356</b>
				Single 320-acre Madison spacing unit (Order 101-94).			
<b>Hay Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,839,641</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>434,971</b>
Stonewall, Interlake	1	1,107	1,115	320-acre spacing for Red River, consisting of any two adjacent quarter sections; location no closer than 660' to unit boundary (Orders 15-69, 27-73).			
	2018	Production:	1,107	1,115			
<b>Haystack Butte</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>801,694</b>
Bow Island	10	0	12,831	640-acre spacing units; one well per producing horizon above Kootenai Formation no closer than 990' to spacing unit boundary (Order 85-76). Amended field boundary (Order 37-77). Two gas wells per horizon in each spacing unit (Order 146-97).			
	2018	Production:	0	12,831			
<b>Haystack Butte, West</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,177,632</b>
Bow Island	9	0	19,623	320-acre regular half-section spacing units for all formations above Rierdon; wells no closer than 660' to the unit boundaries; commingling of production authorized as specified (Order 6-88). Field enlarged (Order 46-91).			
	2018	Production:	0	19,623			
<b>Hell Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>67,203</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>14,179</b>
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
<b>Hellers Peak</b>				80-acre spacing units for the production of gas from coals within the Fort Union Formation, 220' setback (Order 381-2006).		
<b>Hiawatha</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,826,407</b>	<b>Post-1986 Gas Production (MCF):</b>
Tyler	2	5,088	0	Statewide.		<b>15,132</b>
	2018	Production:	5,088	0		
<b>Hibbard</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>226,494</b>	
				Statewide.		
<b>High Five</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,709,320</b>	<b>Post-1986 Gas Production (MCF):</b>
Stensvad	3	614	2,008	Spacing waived, unitized, and polymer-waterflood authorized (Order 110-80).		<b>198,758</b>
Tyler	3	39,771	1,451			
	2018	Production:	40,385	3,459		
<b>Highline</b>						<b>Post-1986 Gas Production (MCF):</b>
				Single 640-acre spacing unit for Eagle and shallower horizons (Order 35-88).		<b>86,965</b>
<b>Highview</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>146,925</b>	
Madison	2	522	0	160-acre spacing units, located no closer than 660' from spacing unit boundary; 150' topographic tolerance (Order 84-76). Orders 32-76, 84-76 and 63-82 are amended to provide as follows: 1. Permitted wells to the Moulton, Sunburst, Morrison, and Swift formations shall be no closer than 330' from the lease line nor closer than 660' to a permitted well in the same formation with only two such wells per quarter quarter section with a 150' topographic tolerance. 2. Madison: (Gas) 160-acre spacing units with well location to be no closer than 660' from quarter section lines. 3. Madison: (Oil) 40-acre spacing units with permitted location to be no closer than 330' from the lease line with a 150' topographic tolerance. 4. Sawtooth: (Oil and Gas) 40-acre spacing units with permitted location to be no closer than 330' from the lease line with a 150' topographic tolerance (Order 136-82).		
Nisku	1	294	0			
	2018	Production:	816		0	
<b>Hodges Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>19,093</b>	<b>Post-1986 Gas Production (MCF):</b>
				Single 640-acre permanent spacing unit for production from the Red River Fm. (Order 286-2006).		<b>10,912</b>
<b>Homestead</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>303</b>	
				Statewide.		
<b>Honker</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>117,078</b>	<b>Post-1986 Gas Production (MCF):</b>
				320-acre specified spacing units for Red River Formation; permitted well no closer than 660' to the unit boundary (Order 105-80). Single 160-acre Winnipegosis spacing unit (Order 82-81).		<b>17,351</b>
<b>Horse Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>15,329</b>	
Swift	1	790	0	Statewide.		
	2018	Production:	790	0		
<b>Howard Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>344,516</b>	
Tyler	1	3,315	0	Statewide.		
Piper, Amsden	2	6,085	0			
	2018	Production:	9,400	0		
<b>Ingomar</b>						

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Injun Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>145,719</b>
Stensvad	2	475	0	Statewide.	
2018	Production:	475	0		
<b>Intake II</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,094,247</b>
Mission Canyon	1	3,781	2,426	<b>Post-1986 Gas Production (MCF):</b>	<b>374,113</b>
2018	Production:	3,781	2,426	320-acre spacing units for Red River Formation; permitted well to be located no closer than 660' from the unit boundary (Order 99-81).	
<b>Ivanhoe</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,177,382</b>
Cat Creek, Second	1	405	0	40-acre spacing unit for production from any one formation; well location in center of unit with 200' topographic tolerance (Order 7-60 and 13-56). Field size reduced (Orders 27-89 and 29-89).	
Morrison	1	787	0		
Amsden	1	904	0		
Tyler	3	21,838	0		
2018	Production:	23,934	0		
<b>Jack Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,310</b>
				Statewide.	
<b>Jim Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,550,723</b>
Tyler	1	1,887	0	<b>Post-1986 Gas Production (MCF):</b>	<b>34,599</b>
2018	Production:	1,887	0	Unitized, no well to be drilled closer than 330' to unit boundary (Order 18-72).	
<b>Johnson Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>574</b>
				Single 640-acre spacing unit (37N-56E-17) for production from the Bakken Formation.	
<b>Katy Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>495,316</b>
Red River	1	29,839	23,870	<b>Post-1986 Gas Production (MCF):</b>	<b>672,382</b>
2018	Production:	29,839	23,870	Statewide.	
<b>Katy Lake, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>7,415,228</b>
Madison	3	14,013	15,093	<b>Post-1986 Gas Production (MCF):</b>	<b>2,895,557</b>
Mission Canyon	1	14,513	7,647	Statewide except for single 320-acre Red River spacing unit (Order 88-84), and single 160-acre Mission Canyon spacing unit (Order 89-84).	
Ratcliffe	1	5,486	7,211		
2018	Production:	34,012	29,951		
<b>Keg Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,905,217</b>
Stensvad	1	1,260	0	<b>Post-1986 Gas Production (MCF):</b>	<b>361</b>
Tyler	4	1,778	0	40-acre spacing in southwest portion of field; spacing is waived in unitized portion (Orders 3-64, 4-64, 23-64). 80-acre spacing in remainder of field with variable pattern (Orders 11-60, 28-62). 40-acre spacing: W 1/2 E 1/2 and W 1/2 Sec. 35-11N-30E; NW 1/4 Sec. 35-11N-30E; NW 1/4 Sec. 2-10N-30E (Order 23-72). Topographic tolerance varies from 100' to 250' (Order 11-60, 4-64, 23-64). Buffer zone waived (Order 16-65). Field reduction (Order 2-76). Amended (Order 58-76). Three waterflood units (Orders 3-64, 28-66, 14-69). Expanded enhanced recovery unit approved effective 11/1/94 (Order 94-94).	
Lower Tyler	1	2,531	0		
2018	Production:	5,569	0		
<b>Keg Coulee, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>451,912</b>
				40-acre Tyler Fm. spacing units with wells to be located at center of each spacing unit; 150' topographic tolerance (Order 46-64). Field reduction (Order 59-76).	
<b>Keith Area</b>					<b>Post-1986 Gas Production (MCF):</b>
Second White Specks	1	0	1,625	Statewide.	
Bow Island	1	0	805		
Sawtooth	1	0	4,746		
2018	Production:	0	7,176		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Keith, East</b>				<b>Post-1986 Gas Production (MCF): 11,618,312</b>	
Niobrara	1	0	5,223	Statewide, except unitized portions spaced by Order 22-62. Amended to allow additional wells in Johns and Osler units (Order 52-95). Designation of 36N-6E-13 as spacing unit; no more than 4 wells for each Cretaceous Fm and no more than 2 wells for each pre-Cretaceous Fm (Order 47-96). Kolhei Unit - no more than 4 wells for each Cretaceous Fm and no more than 2 wells for each pre-Cretaceous Fm (Order 48-96).	
Second White Specks	9	0	30,448		
Bow Island	16	0	111,279		
Sawtooth	4	0	38,245		
2018 Production:		0	185,195		
<b>Kelley</b>				<b>Cumulative Oil Production (Bbls): 1,080,339</b>	<b>Post-1986 Gas Production (MCF): 3,326</b>
Tyler	1	1,689	0	40-acre spacing units with well at center of spacing unit with a 250' topographic tolerance (Order 15-67). Waterflood using Third Cat Creek water (Orders 8-69, 51-76). Certified as an expanded enhanced recovery unit effective 4/1/95 (Order 19-95).	
2018 Production:		1,689	0		
<b>Kevin Area</b>				Statewide.	
<b>Kevin Southwest</b>				<b>Cumulative Oil Production (Bbls): 415</b>	<b>Post-1986 Gas Production (MCF): 6,527,715</b>
Bow Island	1	0	3,468	320-acre half section spacing units lying north-south or east-west at operator's option; wells no closer than 660' to unit boundary for Sunburst-Swift formations and all formations above the top of the Kootenai (Orders 26-78, 47-78, 48-78). Field enlargement (Orders 82-79, 96-79, 47-80, 163-81 and 41-89). 2 wells per horizon per spacing unit (Order 68-99).	
Dakota	8	0	24,789		
Sunburst	6	0	11,478		
Swift	3	0	6,318		
Bow Island, Dakota, Sunburst	3	0	26,172		
Bow Island, Sunburst, Swift	1	0	3,461		
Bow Island, Dakota	3	0	9,520		
Bow Island, Sunburst	3	0	11,751		
Bow Island, Swift	1	0	4,043		
Sunburst, Dakota	2	0	4,815		
2018 Production:		0	105,815		
<b>Kevin Sunburst (Dakota)</b>				<b>Post-1986 Gas Production (MCF): 456,097</b>	
Dakota	1	0	2,096	Single spacing unit for gas production from Dakota (Order 45-90).	
2018 Production:		0	2,096		
<b>Kevin Sunburst-Bow Island</b>				<b>Post-1986 Gas Production (MCF): 1,675,450</b>	
Bow Island	9	0	16,927	160-acre Bow Island spacing units; location no closer than 660' to spacing unit boundary (Orders 2-88, 60-88). Field enlargement (Orders 17-88, 11-91, 123-01).	
2018 Production:		0	16,927		
<b>Kevin, East Bow Island Gas</b>				<b>Post-1986 Gas Production (MCF): 416,999</b>	
Bow Island	6	0	10,933	160-acre spacing units, one well no closer than 660' to spacing unit boundary per each producing zone, formation, or horizon from top of the Blackleaf to top of Dakota (Order 3-92).	
2018 Production:		0	10,933		
<b>Kevin, East Gas</b>				<b>Post-1986 Gas Production (MCF): 746,367</b>	
Bow Island	2	0	16,790	320-acre designated spacing units for gas production from all horizons above the Rierdon Formation; 660' setback from spacing unit boundaries, 1 well per horizon per spacing unit, commingling authorized (Order 23-85). Field enlargements (Orders 29-86, 10-87, and 8-90).	
Sunburst	2	0	11,604		
Bow Island, Sunburst, Swift	1	0	2,033		
2018 Production:		0	30,427		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Kevin, East Nisku Oil</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,041,841</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,782,606</b>
Nisku	12	8,891	32,468	80-acre spacing units consisting of E 1/2 or W 1/2 of quarter section; wells in center of SW 1/4 or NE 1/4 of each quarter section with 200' geologic or topographic tolerance (Order 46-84). Field enlarged (Order 9-86). Single spacing unit authorized to produce gas from the gas cap (Order 24-88). Exceptions to drill horizontal Nisku wells (Orders 29-97, 11-98). Exception to drill NW/4 SW/4, 35N-1E-31 (Order 70-97).			
	2018	Production:	8,891	32,468			
<b>Kevin-Sunburst</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>85,751,563</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>15,282,062</b>
Bow Island	33	0	39,168	Oil: 9 Wells per 40-acre tract; only 3 wells on any side of tract with set back at least 220' from line; Gas: Well to be no closer than 330' from the boundaries of any legal subdivision line, nor less than 2,400' from every other drilling or producible well on the same lease or unit (Orders 8-54, 28-55). Single spacing unit (Order 61-85). Field enlarged (Order 54-87). 160-acre Bow Island spacing units established (Orders 2-88, 17-88, and 60-88). Two 80-acre spacing units for production of gas from all formations from surface to base of Sunburst Sandstone (Order 40-92). There are three waterfloods in operation using Madison water (Orders 9-64, 17-64, 30-64, 36-65). H2S, CO2 and produced water disposed into Madison (EPA-87). SWD approved EPA-84, 85, 86, 87, 88. Enhanced recovery approved EPA-88, 91, 92. Ferdig Swift Unit approved (Order 52-92).			
Burwash	7	173	0				
Cut Bank	1	0	52				
Sunburst	117	18,698	43,142				
Ellis	43	4,445	7,386				
Swift	50	30,867	17,849				
Sawtooth	1	203	0				
Madison	744	120,191	77,426				
Nisku	1	0	2,331				
Bow Island, Dakota, Sunburst	2	0	6,201				
Bow Island, Sunburst, Swift	7	0	19,113				
Bow Island, Dakota	3	0	3,548				
Bow Island, Sunburst	8	0	20,108				
Bow Island, Swift	8	0	15,619				
Bow Island, Dakota, Kootenai, Sunburst	2	0	7,540				
Dakota, Kootenai	1	0	3,139				
Madison, Swift	1	0	3,614				
Madison, Sunburst	1	1	0				
Sunburst, Dakota	1	0	1,262				
Swift, Sunburst	8	0	19,092				
	2018	Production:	174,578	286,590			
<b>Kevin-Sunburst Nisku Gas</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>17</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,011,287</b>
Nisku	2	0	61,623	Nisku Gas: 640-acre spacing units; location no closer than 990' to spacing unit boundary (Order 83-76). Nisku Oil: 80-acre spacing units; location no closer than 330' to spacing unit boundary (Order 7-86). Gas spacing unit comprised of N/2 and N/2 S/2 35N-1W-35 (Order 10-98).			
	2018	Production:	0	61,623			
<b>Kicking Horse</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,526</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,923,455</b>
Bow Island	11	0	53,224	320-acre spacing units for Madison and shallower horizons; location no closer than 660' to unit boundary and 990' to field boundary (Order 17-74). Include additional lands and provide that 320-acre spacing units may be either the N/2 & S/2 or E/2 & W/2 of section (Order 53-80). Enlargement (Order 245-04).			
Sunburst	3	0	1,933				
	2018	Production:	0	55,157			
<b>Kincheloe Ranch</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>939,459</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>128,823</b>
Tyler	3	259	73	Statewide, plus two Tyler waterfloods (Orders 47-91 and 46-88).			
	2018	Production:	259	73			
<b>Kinyon Coulee South</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,121</b>
				Single Bow Island spacing unit with one well; location no closer than 990' to section line (Order 31-81).			
<b>Kippen Area, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>150</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>97,760</b>
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Krug Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>15,288</b>
				Delineated for production from Red River Fm; 320-acre spacing units, 660' setback from boundaries (Order 27-81).	
<b>Laird Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>648,893</b>
Swift	8	1,169	9,775	<b>Post-1986 Gas Production (MCF):</b>	<b>184,226</b>
Sunburst, Dakota	1	2	0	Waterflood authorized for Swift Formation (Order 25-74), commenced 2-25-77. Single 320-acre spacing unit for Swift gas production (Order 37-92).	
	2018	Production:	1,171	9,775	
<b>Lake Basin</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>473,639</b>
Eagle	4	0	12,485	<b>Post-1986 Gas Production (MCF):</b>	<b>2,320,776</b>
Telegraph Creek Formation	1	0	913	160-acre spacing units to base of Virgelle; wells no closer than 660' to unit boundary and 990' to field boundary; commingling with administrative approval (Order 9-74).	
Virgelle Sandstone	1	0	912		
Muddy	1	0	15,468		
Eagle, Claggett, Virgelle	1	0	778		
Eagle, Virgelle	1	0	4,335		
	2018	Production:	0	34,891	
<b>Lake Basin, North</b>					<b>Post-1986 Gas Production (MCF):</b>
					<b>42,154</b>
				640-acre spacing units for all productive horizons; locations 990' from section line (Orders 6-58, 3-74). 160-acre spacing units for Claggett and Eagle/Virgelle, wells located no closer than 660' to quarter section lines within restricted sections (Order 63-76). 160-acre spacing units for Frontier gas, 2N-21E, W/2 27 and NW/4 34, 660' external setback (Order 63-99).	
<b>Lake Francis</b>					<b>Post-1986 Gas Production (MCF):</b>
					<b>2,011,379</b>
				Delineation, surface to top Kootenai, 160-acre spacing units, 660' setbacks, three designated spacing units (Order 342-2003).	
<b>Lakeside</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>487</b>
				Statewide.	
<b>Lambert</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,045,452</b>
Red River	1	20,355	18,619	<b>Post-1986 Gas Production (MCF):</b>	<b>607,186</b>
	2018	Production:	20,355	18,619	320-acre Red River spacing units comprised of the E 1/2 and W 1/2 of section (Order 3-83).
<b>Lambert, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>36,552</b>
				Statewide.	
<b>Lambert, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>949,059</b>
Red River	2	16,216	3,206	<b>Post-1986 Gas Production (MCF):</b>	<b>235,303</b>
	2018	Production:	16,216	3,206	Single Red River Formation Spacing Unit (Order 75-96).
<b>Lamesteer Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>31,845</b>
				Single Red River spacing unit (Order 101-84).	
<b>Landslide Butte</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>977,893</b>
Madison	10	10,029	0	<b>Post-1986 Gas Production (MCF):</b>	<b>972,830</b>
Sun River Dolomite	1	926	0	Statewide.	
	2018	Production:	10,955	0	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Lane</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,120,870</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>3,219,724</b>
Red River	4	33,244	54,451	Statewide, plus single Red River spacing unit, 23N-54E-18: E2, with designated well (Order 153-01).			
Stonewall, Red River	1	3,963	7,291				
	2018	Production:	37,207	61,742			
<b>Laredo</b>				320-acre Eagle spacing with unit consisting of one-half section lying north-south or east-west; well no closer than 990' to unit boundary (Order 8-74). 32N-14E, Secs. 18, 19, 30 removed from field (Order 133-01).			
<b>Lariat</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,599</b>	Single Red River Fm. Spacing unit.	
<b>Laurel</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,017</b>	10-acre spacing units for Dakota Fm.; wells to be located in center of spacing unit with 75' topographic tolerance (Order 15-62).	
<b>Leary</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>705,809</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>112,211</b>
				40-acre spacing units for Muddy Fm.; wells located no closer than 330' to spacing unit boundary with 75' topographic tolerance (Order 115-84 which amended Orders 12-69, 19-70, and 68-76).			
<b>Ledger</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>292</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>4,089,048</b>
Bow Island	37	0	48,124	640-acre Bow Island spacing; wells located no closer than 990' to section line; commingling upon administrative approval (Order 53-77). Field enlargement and amendment to allow two wells per sand per section (Order 1-87).			
	2018	Production:	0	48,124			
<b>Leroy</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>7,605,080</b>
Eagle	15	0	55,387	320-acre spacing for Judith River and Eagle/Virgelle with unit consisting of half sections lying north-south or east-west. Wells no closer than 660' to unit boundary and 990' to field boundary. (Order 19-75) 330' topographic tolerance (Order 72-80). Field enlargement (Order 31-87).			
Judith River, Eagle	1	0	4,872				
	2018	Production:	0	60,259			
<b>Line Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>57,789</b>	Statewide.	
<b>Liscom Creek</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>3,348,458</b>
Shannon	4	0	32,584	Shannon spacing, one well per 640 acres located no closer than 990' to section boundary (Order 20-72).			
	2018	Production:	0	32,584			
<b>Lisk Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,963</b>	Statewide.	
<b>Lisk Creek, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>68,934</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>63,393</b>
Red River	1	4,116	7,768	Statewide.			
	2018	Production:	4,116	7,768			
<b>Little Basin</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>465,325</b>
				640-acre Frontier spacing units; one well per section located no closer than 990' to spacing unit boundary (Order 27-86).			
<b>Little Beaver</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>19,264,559</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>693,990</b>
Siluro-Ordovician	33	163,153	8,692	Spacing waived and General Rules suspended until unit agreement becomes inoperative (Order 41-62). Waterflood of the Red River was commenced in August 1967 (Order 3-66). Little Beaver Unit certified as expanded enhanced recovery project (Order 10-01).			
	2018	Production:	163,153	8,692			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Little Beaver, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>8,948,234</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,372,385</b>
Mission Canyon	2	19,419	4	Same as for Little Beaver (Order 42-62). Waterflood of the Red River commenced in April 1965 (Order 33-64). Little Beaver East Unit certified as expanded enhanced recovery project (Order 9-01). Tertiary project (Order 193-04).			
Siluro-Ordovician	16	73,624	15,076				
Red River	3	7,139	2,424				
	2018	Production:	100,182	17,504			
<b>Little Creek</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,817,394</b>
Eagle	4	0	15,012	Statewide.			
Virgelle Sandstone	2	0	4,194				
	2018	Production:	0	19,206			
<b>Little Phantom</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>58,500</b>		
				10-acre spacing units; well location no closer than 220' to the exterior boundary lines of the field nor closer than 440' to any well capable of or producing from the Sunburst Sands (Order 46-81).			
<b>Little Rock</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,724,650</b>
Blackleaf	2	0	1,125	320-acre N 1/2 and S 1/2 spacing units for Blackleaf and Bow Island; well location no closer than 990' to west line of Section 14 and 660' to the remaining unit boundary lines (Order 40-78). Field enlargement (Orders 94-79 and 34-80). Allow two wells within each spacing unit no closer than 1,320' to each other and no closer than 660' to unit boundaries (Order 12-90). Two 320-acre spacing units for Lander Formation gas, 2 wells per spacing unit no closer than 1320' to another Lander formation well and 330' to the spacing unit boundary (Order 56-91). Enlarge for Lander gas production (Order 48-93).			
Bow Island	1	0	5,656				
Lander	5	0	3,209				
Bow Island, Blackleaf	8	0	14,470				
	2018	Production:	0	24,460			
<b>Little Wall Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,042,285</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>219,463</b>
Tyler	2	4,067	0	Little Wall Creek, Tyler Sand Unit (Order 40-84). Weisner Tyler Sand Unit approved (Order 65-91).			
Tyler, Stensvad	1	3,628	0				
	2018	Production:	7,695	0			
<b>Little Wall Creek, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,624,645</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>110,657</b>
Tyler	3	5,352	0	South Little Wall Creek Unit waterflood (Order 85-83). Gunderson Tyler Sand Unit (Order 39-87; unit area reduced by Order 21-92). Hamilton-Gunderson Tyler Sand Unit (Order 22-92).			
	2018	Production:	5,352				
<b>Lobo</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>260,135</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>182,091</b>
				Statewide.			
<b>Lodge Grass</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>399,934</b>		
				Statewide.			
<b>Lohman</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,441,617</b>
Eagle	2	0	3,012	640-acre Eagle spacing; one well per section located no closer than 990' from section line (Order 23-78). Exception locations (Orders 109-01, 159-01). Field reduction (Order 173-04).			
	2018	Production:	0				
<b>Lohman Area</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,340,648</b>
Niobrara	1	0	939	Statewide.			
	2018	Production:	0	939			
<b>Lone Butte</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,035,555</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>477,256</b>
Red River	1	3,830	3,907	Single 320-acre spacing unit for Red River and Interlake Formations; 160-acre spacing units for Madison with well location no closer than 660' to unit boundary; 150' topographic or geologic tolerance (Order 83-85).			
	2018	Production:	3,830				
<b>Lone Rider</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,903</b>		
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Loneman Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,612</b>
Madison	1	42	0	20-acre spacing units for the production of oil from the Madison and Sawtooth Formations; 330' setback from spacing unit boundaries (Order 54-09).	
2018 Production:		42	0		
<b>Lonetree Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,110,402</b>
Madison	1	2,145	0	<b>Post-1986 Gas Production (MCF):</b>	<b>2,237,552</b>
Interlake	1	477	0	320-acre Red River spacing, wells 660' from spacing boundary, 2,000' between wells (Order 29-72). Field reduction (Orders 162-81 and 84-85). Ratcliffe and Mission Canyon delineation, S/2, Sec. 10, T24N, R57E (Order 45-93). Interlake spacing unit, N/2, Sec. 10, T24N, R57E (Order 51-95). 320-acre Interlake spacing, 24N-57E-9:E2 & W2 (Order 87-00).	
Red River	2	11,179	4,118		
Red River, Interlake	1	14,424	5,464		
2018 Production:		28,225	9,582		
<b>Lonetree Creek, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>33,029</b>
				Red River spacing units, S 1/2 and N 1/2 of Section 12, T24N, R56E. No well closer than 660' to spacing unit boundary or 1,320' to existing well (Order 73-82).	
<b>Long Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>114,271</b>
Charles C	1	1,147	0	Statewide.	
2018 Production:		1,147	0		
<b>Long Creek, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,068,295</b>
Nisku	1	1,698	1,062	<b>Post-1986 Gas Production (MCF):</b>	<b>54,636</b>
2018 Production:		1,698	1,062	80-acre Nisku Fm. spacing units comprised of two contiguous quarter quarter sections in either one or two governmental sections aligned either N-S or E-W; locations no closer than 330' to unit boundary nor 1,000' to any other producing well (Order 27-77). Field enlarged (Order 71-83).	
<b>Lookout Butte</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>40,510,949</b>
Mission Canyon	2	576	0	<b>Post-1986 Gas Production (MCF):</b>	<b>4,185,376</b>
Siluro-Ordovician	40	433,465	114,478	160-acre spacing; well location in center of SE 1/4 of each quarter section with 150' topographic tolerance (Order 21-62). Coral Creek Unit not subject to spacing rules. Redelineated (Orders 7-63, 5-95). Field reductions (Orders 57-85, 6-87, 69-94). Waterflood of Silurian-Ordovician (Order 35-66). Coral Creek Deep Unit expanded to include all of Siluro-Ordovician (Order 155-00). Expanded enhanced recovery project approved, Coral Creek Deep Unit (Order 14-01).	
Red River	2	3,739	0		
2018 Production:		437,780	114,478		
<b>Lookout Butte, East, Unit</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>32,564,331</b>
Red River	57	598,446	203,458	<b>Post-1986 Gas Production (MCF):</b>	<b>9,094,728</b>
2018 Production:		598,446	203,458	22 delineated Red River spacing units with wells located no closer than 660' to the unit boundary with 175' topographic tolerance (Order 87-85). Field enlargement and inclusion of Madison Group and all Silurian formations (Order 6-87). Pilot waterflood (Orders 19-88, 21-89, 42-90A, 49-90, 77-92, 35-93, 23-94). Redelineation of pilot area, certification as an expanded enhanced recovery project (Order 53-94). Red River Formation enhanced recovery unit (Order 70-95).	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
<b>Loring</b>				<b>Post-1986 Gas Production (MCF): 44,786,539</b>
Bowdoin	37	0	121,037	640-acre spacing units with 2 wells per formation (Order 79-82 and 12-89). 4 wells per formation per spacing unit, no closer than 660' to section boundaries, 1,320' between wells producing from same formation, 150' tolerance for geologic and topographic reasons (Order 13-89). Pilot infill drilling program approved for a portion of the field, with up to 8 wells per spacing unit, inter-well distance reduced to 990' (Order 15-91). Commingle Carlile/Bowdoin, Greenhorn and Phillips (Order 26-98).
Phillips	6	0	38,338	
Bowdoin, Greenhorn, Phillips, Niobrara	29	0	61,787	
Bowdoin, Greenhorn, Niobrara	12	0	23,167	
Niobrara, Greenhorn, Phillips	7	0	20,830	
Bowdoin, Greenhorn	8	0	31,233	
Bowdoin, Greenhorn, Phillips	17	0	48,891	
Greenhorn-Phillips	3	0	29,725	
Niobrara, Greenhorn	1	0	11,735	
Bowdoin, Phillips	82	0	242,304	
Phillips, Niobrara	4	0	4,408	
Bowdoin, Niobrara	5	0	8,028	
Bowdoin, Phillips, Niobrara	20	0	124,574	
2018 Production:		0	766,057	
<b>Loring, East</b>				<b>Post-1986 Gas Production (MCF): 21,383,201</b>
Bowdoin	12	0	16,072	160-acre spacing units; where discrete gas formations (Bowdoin, Greenhorn and Phillips) exist, a well may be drilled to each formation and may be located no closer than 660' from the spacing unit boundaries (Order 60-82). 640-acre spacing for lands under communitization agreements prior to field delineation, 4 wells per spacing unit; authorization to commingle (Order 39-97). Enlargement (Order 280-04).
Greenhorn	1	0	4,160	
Judith River	1	0	1,852	
Phillips	5	0	7,527	
Bowdoin, Greenhorn, Phillips, Niobrara	14	0	25,191	
Bowdoin, Greenhorn, Niobrara	4	0	7,708	
Niobrara, Greenhorn, Phillips	6	0	21,683	
Bowdoin, Greenhorn	4	0	23,506	
Bowdoin, Martin	1	0	6	
Bowdoin, Greenhorn, Phillips	30	0	127,033	
Greenhorn-Phillips	3	0	21,675	
Bowdoin, Phillips	32	0	72,898	
Bowdoin, Phillips, Niobrara	4	0	13,670	
2018 Production:		0	342,981	
<b>Loring, West</b>				<b>Post-1986 Gas Production (MCF): 1,814,232</b>
Bowdoin	6	0	20,597	Spacing units comprised of 1 full section with 4 wells permitted to each formation in each spacing unit located no closer than 660' to the exterior boundary of the section and no closer than 1,320' to a well in the same formation (Order 7-87). Field enlargement, commingling (Order 27-98).
Martin Sandstone	1	0	119	
Phillips	1	0	2,970	
Bowdoin, Martin	1	0	2,872	
Bowdoin, Greenhorn, Phillips	1	0	3,904	
Bowdoin, Phillips	5	0	17,366	
2018 Production:		0	47,828	
<b>Lost Creek</b>			<b>Cumulative Oil Production (Bbls): 1,534</b>	
			Statewide.	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Lowell</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,016,688</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>133,606</b>
Mission Canyon	2	10,490	0	320-acre Red River spacing units consisting of two contiguous governmental quarter sections which may lie in either one or two governmental sections; wells to be located no closer than 660' to unit boundary or closer than 1,650' to well producing from the same horizon (Order 104-79). Permanent spacing unit, Madison, SW 34N-57E-15 (Order 165-02).			
Red River	1	2,951	3,189				
2018 Production:		13,441	3,189				
<b>Lowell, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>301,856</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>89,517</b>
Red River	1	1,556	4,134	Single Red River Formation spacing unit (Order 29-98).			
2018 Production:		1,556	4,134				
<b>Lustre</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>7,587,106</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,294,857</b>
Charles	5	11,183	0	80-acre Madison spacing units consisting of 1/2 of a regular governmental quarter section, either E 1/2 and W 1/2 or N 1/2 and S 1/2; well to be located in either NE 1/4 or SW 1/4 of each quarter section with 200' tolerance (Order 19-83). Field enlargement (Order 43-84). Field Reduction (Order 43-96). Madison spacing unit, horizontal well; 30N-44E-3: N2 (Order 6-01).			
Charles C	9	25,741	3,541				
Madison	1	2,102	0				
Ratcliffe	5	11,130	5,810				
2018 Production:		50,156	9,351				
<b>Lustre, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>190,767</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>16,734</b>
				80-acre spacing units for Madison Group Formations consisting of E 1/2 or W 1/2 of a governmental quarter section; wells located no closer than 660' to spacing unit boundary with 200' topographic or geologic tolerance (Order 39-84).			
<b>Mackay Dome</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>399,331</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>32,384</b>
				Statewide.			
<b>Malcolm Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>11,450</b>		
				Statewide.			
<b>Marias River</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,948,224</b>
Bow Island	9	0	10,812	One well per section per horizon above the top of the Kootenai (Order 18-78). Field enlargement (Order 12-83). 2 wells per zone in each spacing unit located no closer than 1,320' to each other and no closer than 990' to spacing unit boundaries (Order 26-90).			
2018 Production:		0	10,812				
<b>Martin Lake</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>199,921</b>
Bowdoin	3	0	9,042	Martin Lake Federal Unit area; statewide.			
Bowdoin, Phillips	1	0	4,697				
2018 Production:		0	13,739				
<b>Mason Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,028,239</b>		
				80-acre First Cat Creek Sand spacing units consisting of one half of a quarter section lying in either east-west or north-south direction; well location in center of the NE and SW quarter-quarter sections of each quarter section with 75' topographic tolerance (Order 35-78). Amend Order 35-78 for certain lots designated as spacing units (Order 66-78). Field enlargement (Order 16-79). Pilot enhanced recovery approved (Orders 37-88, 67-89 and 52-90). Mason Lake (1st Cat Creek) Unit approved (Order 80-96).			
<b>Mason Lake North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>17,923</b>		
				Statewide.			
<b>McCabe</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>355,057</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>112,788</b>
Ratcliffe	1	3,815	2,505	160-acre spacing units for Madison group; permitted wells no closer than 660' to spacing unit boundary (Orders 100-80, 43-79). 150' topographic tolerance (Order 3-81). Amended to eliminate the requirement of 1,650' between wells producing from the Madison group (Order 37-81).			
2018 Production:		3,815	2,505				

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>McCabe, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>261,288</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>81,227</b>
Red River	1	7,064	6,624	Statewide.			
	2018 Production:	7,064	6,624				
<b>McCabe, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,599</b>		
				Single 320-acre spacing unit for production from Nisku and Red River Fms. (Order 81-82).			
<b>McCabe, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>69,988</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>16,087</b>
				Single 320-acre spacing unit for production from Red River Fm. (Order 49-84).			
<b>McCoy Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>158,108</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>50,037</b>
Red River	2	4,100	1,436	Statewide.			
	2018 Production:	4,100	1,436				
<b>Meander</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>9,246</b>		
				40-acre spacing units for Sunburst with wells not closer than 330' to spacing unit boundaries (Order 30-82).			
<b>Medicine Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,446,121</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,020,800</b>
Ratcliffe	1	191	0	Delineated for formations from the base of the Winnipeg to the base of the Last Charles Salt; 320-acre spacing units comprised of any two contiguous governmental quarter sections in either one or two governmental sections; wells no closer than 660' to unit boundary nor closer than 1,650' to any well producing from the same formation (Order 50-79). Additional Red River 'C' well, S/2 Sec. 22, T32N, R56E (Order 10-96).			
Gunton	1	75	0				
Red River	1	7,287	932				
	2018 Production:	7,553	932				
<b>Medicine Lake, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>247,298</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>200,783</b>
				Two designated 320-acre spacing units for Red River Formation production (Orders 101 and 102-98).			
<b>Melstone</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,433,488</b>		
Tyler	2	5,398	0	Statewide.			
	2018 Production:	5,398	0				
<b>Melstone, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>904,659</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>349,007</b>
Tyler	3	6,679	3,542	Waterflood unit approved (Order 125-82). Polymer-augmented tertiary recovery project approved (Order 37-84). Certification as expanded enhanced recovery unit (Order 89-94).			
	2018 Production:	6,679	3,542				
<b>Midby</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>70,172</b>		
				Delineated for production from the Red River Fm. with 160-acre designated spacing units, 660' setback from spacing unit boundaries (Order 24-81).			
<b>Middle Butte</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,123,070</b>
Second White Specks	1	0	1,057	Orders 3-60, 21-75 amended to delineate field extension and 320-acre spacing units for Bow Island consisting of the E 1/2 and W 1/2 of each section; well location no closer than 990' to the section line and 660' to the interior boundary (Order 47-77). Enlarge (Order 25-93).			
Blackleaf	1	0	7,993				
Bow Island	3	0	13,540				
	2018 Production:	0	22,590				
<b>Midfork</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,239,939</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>245,942</b>
Charles C	5	13,689	0	Statewide. Also a single 80-acre Charles Formation spacing unit (Order 46-92). Single Nisku spacing unit, horizontal well; 30N-45E-16: N2 (Order 5-01).			
Nisku	3	6,212	0				
	2018 Production:	19,901	0				
<b>Milk River</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>488,249</b>
Phillips	11	0	21,492	Single 160-acre spacing unit for Phillips gas production (Order 12-98).			
	2018 Production:	0	21,492				

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Mineral Bench</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>186,656</b>
				Statewide.	
<b>Miners Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>574,455</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>3,866,267</b>
Blackleaf	1	0	1,852	Oil: 40-acre units Sunburst/Swift consisting of quarter-quarter sections; well location no closer than 330' to lease or property line and 660' to any other well (Order 9-66). Order 9-66 amended to comply with Order 5-74. Gas: 160-acre spacing units for horizons above Rierdon; wells to be located 990' from boundary (Orders 5-74, 43-76, 44-77). Sawtooth gas spacing unit (Order 43-76). Field redelineation/enlargement (Orders 77-76, 44-77, 4-80).	
Bow Island	8	0	16,605		
Sunburst	5	6,956	2,147		
Sawtooth	1	0	16,554		
2018 Production:		6,956	37,158		
<b>Missouri Breaks</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>437,188</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>103,811</b>
				320-acre Red River spacing units as specified by Order 97-82. Creation of 320-acre spacing unit for production from Charles, Mission Canyon, and Nisku Formations (Order 8-95).	
<b>Mon Dak, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>14,474,085</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>6,517,587</b>
Madison	6	25,531	31,393	320-acre spacing units for Silurian and Ordovician pools; Spacing units to consist of either N 1/2 and S 1/2, or E 1/2 and W 1/2; 660' setback, 1,650' interwell in same pool (Order 42-77). 320-acre spacing units below Last Charles Salt and above the Devonian; either N-S or E-W of the section; 660' setback, 1,650' interwell in same pool (Order 23-77). Madison Formation delineation (Order 51-79, amended, Order 95-83). Field Reduction (Order 42-96). Spacing unit for Bakken, Duperow, Stony Mountain, 22N-59E-1:S2 (Order 144-00). Red River spacing unit, 22N-60E-17, S2, and 20, N2 (Order 195-03).	
Mission Canyon	3	9,921	7,975		
Red River	1	47,064	75,379		
Stonewall	1	6,993	3,617		
Madison, Ordovician	1	4,414	4,648		
Ratcliffe, Mission Canyon	1	2,939	2,555		
Red River, Stony Mountain	1	6,161	6,636		
2018 Production:		103,023	132,203		
<b>Mona</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>169,804</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>458,408</b>
				Statewide.	
<b>Monarch</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>10,814,638</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>1,476,106</b>
Siluro-Ordovician	17	75,020	0	80-acre Madison spacing units consisting of E 1/2 and W 1/2 of quarter section; well location in SW 1/4 and NE 1/4 of quarter section; Location within 660' square at center of quarter section (Order 18-61). 160-acre Siluro-Ordovician spacing units consisting of a quarter section; well in center of SW 1/4 of each quarter section with 175' topographic tolerance (Orders 12-59, 4-63). Spacing waived within Siluro-Ordovician waterflood (Order 23-73). Spacing units for horizontal wells (Orders 81-94, 2-96, 3-96, 68-96, 103-97, 24-98, 73-99, 32-00, 35-00, 156-00, 204-02). Exception locations (Orders 102-01, 103-01).	
Red River	6	38,645	7,150		
2018 Production:		113,665	7,150		
<b>Mosser Dome</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>552,786</b>
				Spacing waived. Future development requires administrative approval (Order 27-62).	
Greybull	5	633	0		
Mosser Sand	19	2,789	0		
2018 Production:		3,422	0		
<b>Mt. Lilly</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>1,207,500</b>
Bow Island	1	0	2,446	640-acre spacing for Madison; well location in center of any of the four quarter-quarter sections adjoining center of section; 250' topographic tolerance (Order 37-63).	
Swift	1	0	14,824		
Bow Island, Swift	1	0	2,008		
2018 Production:		0	19,278		
<b>Mud Creek</b>				640-acre spacing units; wells located no closer than 1320' to section lines (Order 9-63). Amended to allow production from two wells in Sec. 12, T6N, R17E (Order 49-92).	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
<b>Musselshell</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>45,054</b>	
				Statewide.		
<b>Mustang</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,470,692</b>	<b>Post-1986 Gas Production (MCF): 939,112</b>
Bakken	2	2,769	0	NE/4 Sec. 33, T24N, R 57E approved as single-well spacing unit for Bakken oil production (Order 54-94). Bakken spacing units, 23N-57E-3: All, -34: All, 2 horiz. wells authorized, 660' setback (Orders 145-01, 147-01).		
Red River	1	6,605	9,846			
Ratcliffe, Mission Canyon	1	3,473	4,794			
	2018	Production:	12,847	14,640		
<b>Neiser Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>756,737</b>	<b>Post-1986 Gas Production (MCF): 623,104</b>
Red River	2	5,084	0	Single 160-acre Red River spacing unit (Order 78-82). Enlargement (Order 63-96). Include Winnepegosis and commingling (Order 98-97).		
	2018	Production:	5,084	0		
<b>Nielsen Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>274,761</b>	<b>Post-1986 Gas Production (MCF): 121,663</b>
				Statewide. Second well in quarter section authorized (Order 37-93).		
<b>Ninemile</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>80,513</b>	<b>Post-1986 Gas Production (MCF): 39,979</b>
				Statewide.		
<b>Nohly</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>9,194,214</b>	<b>Post-1986 Gas Production (MCF): 5,797,477</b>
Madison	6	21,789	3,927	Single Red River spacing unit (Order 77-83). Field enlarged, 320-acre designated Red River spacing units (Orders 54-84, 104-98). 160-acre Nisku spacing units, 660' setback, 150' topographic tolerance (Order 55-84). Nohly (Ratcliffe/Mission Canyon) delineation; 160-acre spacing units, 660' setback (Order 70-92). Ratcliffe/Mission Canyon Field enlargement (Orders 6-94, 105-94). Enlargement, Red River (Order 104-98). Mission Canyon spacing unit, 26N-59E-34: S/2 (Order 47-09).		
Ratcliffe	2	4,072	6,363			
Red River	1	5,987	16,421			
Ratcliffe, Mission Canyon	4	13,027	15,928			
	2018	Production:	44,875	42,639		
<b>Nohly, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>145,933</b>	<b>Post-1986 Gas Production (MCF): 16,524</b>
				Single designated 320-acre spacing unit (Order 35-83).		
<b>North Fork</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>702,991</b>	<b>Post-1986 Gas Production (MCF): 217,131</b>
Madison	1	418	398	Statewide, plus single Madison spacing unit, N/2 Sec. 23, T24N, R59E, with designated well (Order 104-94).		
Mission Canyon	1	1,851	0			
	2018	Production:	2,269	398		
<b>O'Briens Coulee</b>					<b>Post-1986 Gas Production (MCF):</b>	<b>4,424,402</b>
Second White Specks	2	0	506	Statewide.		
Blackleaf	1	0	143			
Bow Island	6	0	19,803			
Spike Zone, Blackleaf Fm.	1	0	455			
Bow Island, Blackleaf	1	0	705			
	2018	Production:	0	21,612		
<b>Old Shelby</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,251</b>	<b>Post-1986 Gas Production (MCF): 21,325,406</b>
Bow Island	7	0	12,294	320-acre spacing units to be comprised of either E 1/2, W 1/2, N 1/2, or S 1/2 of a section for Swift, Kootenai, Dakota, and Sunburst gas; also delineated for Bow Island excluding T32N, R1W, Section 3 and T33N, R1W, Sections 14, 23, 26, and 35; two wells per spacing unit per gas producing horizon with well location to be no closer than 660' to spacing unit boundaries or 1320' to another well producing from the same horizon in the same spacing unit; wells drilled prior to April 1, 1953 exempted (Order 17-94 which supercedes all earlier orders). Field enlargement (Orders 31-95, 95-02).		
Sunburst	59	0	88,464			
Swift	30	0	48,941			
Bow Island, Sunburst, Swift	2	0	843			
Bow Island, Swift	2	0	5,689			
Swift, Sunburst	9	0	36,063			
	2018	Production:	0	192,294		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Olje</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>163,500</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>33,246</b>
				Single 160-acre Red River spacing unit (Order 35-85).			
<b>Ollie</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>279,880</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>26,750</b>
				320-acre specified spacing units for the Red River and Duperow formations with the permitted well for each spacing unit to be located no closer than 660' to the spacing unit boundary (Order 73-80).			
<b>Otis Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>974,543</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>120,587</b>
Ratcliffe	1	1,203	541	Statewide.			
	2018	Production:	1,203	541			
<b>Otis Creek, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>452,028</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>156,550</b>
Mission Canyon	1	4,762	0	320-acre spacing units for Red River; locations no closer than 660' to unit boundary (Order 39-72). Field enlargement (Orders 56-76, 67-76). Amended, new spacing units to consist of quarter sections; locations no closer than 660' to spacing unit boundary or 1,650' to producing wells with 150' tolerance (Order 73-81). Single 160-acre spacing unit for Charles Formation (Order 9-95).			
	2018	Production:	4,762	0			
<b>Otter Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>28,492</b>		
				Single 160-acre spacing unit for production from Winnipegosis and Red River Fms. (Order 51-83).			
<b>Outlet</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,384</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>3,192</b>
				Delineated for production from the Madison Group; 160-acre spacing units with wells to be located no closer than 660' to spacing unit boundaries (Order 11-94).			
<b>Outlook</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>9,775,787</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>735,826</b>
Nisku	4	11,258	13,079	160-acre spacing units for Siluro-Devonian; well location in center of either SW 1/4 or NE 1/4 of each quarter section; 175' topographic tolerance (Order 19-59A).			
Winnipegosis	3	7,814	534				
Mission Canyon, Bakken	1	799	240				
Nisku, Bakken	1	3,876	2,327				
	2018	Production:	23,747	16,180			
<b>Outlook, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>693,151</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,495</b>
				160-acre spacing for Siluro-Devonian; permitted wells in either SW 1/4 or NE 1/4 of quarter section; 175' topographic tolerance (Order 19-59A). Red River and Siluro-Devonian commingling permitted in single spacing unit (Order 45-64).			
<b>Outlook, Southwest</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>171,054</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>9,570</b>
Nisku	1	205	0	Single 160-acre spacing unit for production from Red River Formation (Order 64-94) and Winnipegosis (Order 92-94).			
	2018	Production:	205	0			
<b>Outlook, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,400,394</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>7</b>
Winnipegosis	1	19,709	0	160-acre spacing units for Winnipegosis; permitted wells in 840' square in the center of spacing unit and no closer than 900' to quarter section boundaries (Order 7-67, amended, Order 26-67). Field reduction (Order 50-94).			
	2018	Production:	19,709	0			
<b>Oxbow</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,001,100</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>862,570</b>
Red River	2	12,759	18,068	320-acre spacing units consisting of two contiguous governmental quarter sections which may be in one or two governmental sections aligned at operator's option; location to be no closer than 660' to the unit boundary or closer than 1,650' to a well producing from same pool (formations below 11,000) (Order 7-78). Field enlargement (Order 137-80).			
	2018	Production:	12,759	18,068			
<b>Oxbow II</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>820,662</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>631,745</b>
Nisku	1	2,465	3,477	320-acre spacing units for Red River consisting of two contiguous quarter sections which may cross section lines; wells located no closer than 660' to spacing unit boundaries (Order 50-84).			
	2018	Production:	2,465	3,477			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Palomino</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,044,264</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>72,579</b>
Nisku	6	35,548	301	Statewide.			
	2018 Production:	35,548	301				
<b>Park City</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>64,165</b>
				Statewide.			
<b>Pasture Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,783</b>	Statewide.	
<b>Pelican</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>191,494</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>47,372</b>
				Field rules vacated (Order 81-97).			
<b>Pennel</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>128,349,041</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>39,532,168</b>
Mission Canyon	4	398,606	263	Field originally delineated with 80-acre spacing units consisting of E and W 1/2 of quarter section; wells located in center of SE 1/4 and NW 1/4 of quarter sections, 150' topographic tolerance (Order 15-61). 80-acre spacing units on west side and 160-acre spacing units on east side of pool, wells to be located in SE 1/4 and NW 1/4 of each quarter section (80 acre spacing) and in SE 1/4 of each quarter section (160-acre spacing) (Orders 1-56, 8-56, 15-61, 20-62, 4-63, 7-63). Spacing waived within unitized area (Order 24-68). Commingling approved (Order 59-62). Waterflood for Siluro-Ordovician (Order 24-68). Field reduction (Order 2-96). 660' internal setback from unit boundary (Order 74-99). Pennel Unit certified as expanded enhanced recovery unit (Order 15-01). New tertiary project (Order 39-02).			
Siluro-Ordovician	125	741,510	234,587				
Red River	1	1,143	341				
	2018 Production:	1,141,259	235,191				
<b>Pete Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>23,343</b>	Statewide.	
<b>Phantom</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>43,585</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>386,753</b>
				Gas: Wells anywhere within the unit but no closer than 990' to the unit boundary. Oil: Wells with projected depths greater than 6,000' to be located no closer than 660' to the unit boundary; those with projected depths less than 6,000' to be located no closer than 330' to the unit boundary; formations between surface and top Rierdon included (Order 48-77).			
<b>Phantom, West</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>670,342</b>
Sunburst	1	0	8,031	Delineated for Sunburst Sandstone gas production with one well per spacing unit located no closer than 660' to the exterior boundaries of the three designated spacing units (Order 65-78).			
	2018 Production:	0	8,031				
<b>Pine</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>133,412,528</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>7,903,340</b>
Siluro-Ordovician	101	549,733	154,984	Statewide spacing rules waived within the Pine Unit. 80-acre spacing units outside of unit area; well location in NW 1/4 and SE 1/4 of quarter section; 150' topographic tolerance (Order 37-62). A waterflood program for the south area was started in 1959. A waterflood of the north area was approved in 1967 (Orders 13-68, 1-60, 8-62, 32-67). Brine and CO2 injection test (Order 70-83). Re-delineation (Order 16-97). 640-acre spacing unit for horizontal wells (Order 23-98). North Pine and South Pine Units certified as expanded enhanced recovery projects (Orders 11-01, 13-01).			
Red River	1	2,220	0				
	2018 Production:	551,953	154,984				
<b>Pine Gas</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>9,375,369</b>
Eagle	30	0	178,704	160-acre spacing units for production of gas from top of the Judith River to top of the Greenhorn, wells no closer than 660' to spacing unit boundaries with 460' topographic tolerance (Order 60-98). Field enlargements (Orders 64-98, 47-99, 48-99, 36-00, 37-00, 124-01).			
Judith River	11	0	29,797				
	2018 Production:	0	208,501				
<b>Pine, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>19,349</b>	Statewide.	
<b>Pipeline</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>16,424</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,111</b>
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Plentywood</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>22,830</b>
				Statewide.	
<b>Plevna</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>334,275</b>
Eagle	2	0	11,455	Delineated for Judith River and Eagle gas production, 1200' setback from quarter section lines, 2400' between wells on same lease, 75' topographic tolerance (Order 34-54). Redelineation (Order 4-57).	
2018 Production:		0	11,455		
<b>Plevna, South</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>820,613</b>
Eagle	1	0	738	Delineated for Eagle gas production; 160-acre quarter section spacing units, 660' setback, 150' topographic tolerance (Order 77-00).	
2018 Production:		0	738		
<b>Pole Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>169,726</b>
				Statewide.	
<b>Police Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>14</b>
Bow Island	8	0	23,193	<b>Post-1986 Gas Production (MCF):</b>	<b>1,188,394</b>
2018 Production:		0	23,193	320-acre spacing units for Bow Island Formation; location no closer than 990' to section line and 660' to half section lines; spacing units to consist of N 1/2 or S 1/2, E 1/2 or W 1/2 at discretion of operator (Order 53-76). Field enlargements (Orders 24-77, 20-79, and 46-79).	
<b>Pondera</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>30,563,794</b>
Madison	230	125,114	0	<b>Post-1986 Gas Production (MCF):</b>	<b>174</b>
Sun River Dolomite	6	3,054	0	Delineated for production from Ellis/Madison contact; Oil: 220' from legal subdivision, 430' from other wells in same reservoir on same lease; 75' topographic tolerance (Order 2-54). Porter Bench Extension: 330' from legal subdivision line; 650' from other wells in same reservoir on same lease or unit; 75' topographic tolerance (Order 9-54). Gas: Wells no closer than 1,320' from any quarter section line, nor 3,700' to other drilling or producible wells on the same lease or unit (Order 9-54 corrected). Designate six 160-acre spacing units for gas, wells no closer than 660' from unit boundaries (Order 26-83).	
2018 Production:		128,168	0		
<b>Pondera Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>186,707</b>
Madison	4	1,942	0	330' from legal subdivision lines or upon a 10-acre spacing pattern; 75' topographic tolerance (Order 5-62).	
Sun River Dolomite	5	1,141	0		
2018 Production:		3,083	0		
<b>Poplar, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>48,046,137</b>
Amsden	2	8,093	0	Field delineation (Order 7-55). Redelineation (Order 25-76). Horizontal well exception and removal of production restrictions for horizontal wells (Order 67-93). Unitized (Order 7-55). Removal of internal setback requirements except for non-committed lands (Order 69-96).	
Tyler	1	617	0		
Heath	2	4,551	0		
Charles B	2	21,860	0		
Charles C	1	1,127	0		
Madison	18	41,593	0		
2018 Production:		77,841	0		
<b>Poplar, Northwest</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,498,197</b>
Charles	2	6,098	0	<b>Post-1986 Gas Production (MCF):</b>	<b>1,221,185</b>
Charles C	12	46,137	540	80-acre spacing units, E 1/2 and W 1/2 of each quarter section; wells in the center of NW 1/4 or SE 1/4 of each quarter section with 75' tolerance for surface hazards and obstructions (Order 18-55). 80-acre designated spacing units with well location in the center of the NW 1/4 or SE 1/4 of each quarter section; 150' topographic or geologic tolerance (Order 26-76). 80-acre spacing units to be N 1/2 and S 1/2 or E 1/2 and W 1/2 of each quarter section; wells located in center of each NE 1/4 or SW 1/4 of each quarter section, 150' topographic or geologic tolerance (Orders 124-80, 83-83, 97-84 and 6-85). 80-acre spacing units for test wells to the Charles formation; spacing units to be N 1/2 and S 1/2 or E 1/2 and W 1/2 of each quarter section; wells in center of NE 1/4 or SW 1/4 of each quarter section, 150' tolerance for archeological reasons only (Order 161-81). Field enlargement with 80-acre spacing units consisting of N 1/2 and S 1/2 of each quarter section; wells in center of the NE or SW quarter of each quarter section with 150' topographic or geologic tolerance (Order 42-83).	
Madison	1	1,072	0		
2018 Production:		53,307	540		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Poplar, Southeast</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>162,546</b>
				Statewide.	
<b>Potter</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>24,391</b>
Swift	1	0	434	Single section delineated for production of gas from all formations between the surface and the top of the Jurassic Rierdon Formation with one designated well (Order 8-93).	
	2018 Production:	0	434		
<b>Prairie Dell</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,767</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>20,498,008</b>
Bow Island	7	0	13,872	320-acre spacing units for all horizons above the Rierdon, wells no closer than 660' to spacing unit boundary (Order 10-76). Field enlargement (Orders 28-78, 24-79, 132-80, 40-81, 54-81, 142-81, 56-83, 9-85, 60-86, 12-87, 21-95, 63-97, 49-98, 50-98). Two wells per spacing unit for a portion of the field, well locations no closer than 1,320' to a producing well from the same zone and 660' to the spacing unit boundary (Orders 21-88, 3-91, 35-92, 48-92 and 51-92). Two 160-acre spacing units (Order 3-89). Two wells per spacing unit, 34N-1W-26 (Order 141-00).	
Sunburst	12	0	42,475		
Swift	9	0	25,556		
Bow Island, Dakota, Sunburst	10	0	21,816		
Bow Island, Sunburst, Swift	12	0	40,279		
Bow Island, Dakota, Swift	7	0	20,117		
Bow Island, Dakota	11	0	16,122		
Bow Island, Dakota, Sunburst, Swift	18	0	34,427		
Bow Island, Sunburst	20	0	46,940		
Bow Island, Swift	11	0	21,181		
Bow Island, Dakota, Kootenai, Sunburst	1	0	10,840		
Bow Island, Dakota, Kootenai, Swift	1	0	3,406		
Dakota, Sunburst, Swift	1	0	1,118		
Sunburst, Dakota	3	0	4,968		
Swift, Sunburst	3	0	3,544		
	2018 Production:	0	306,661		
<b>Prairie Dell, West</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>1,088,404</b>
Swift	2	0	514	640-acre spacing unit for Swift Formation with well no closer than 990' to spacing unit boundary (Order 16-78). Include all horizons above the Rierdon Formation (Order 54-78). Field enlarged (Order 55-78). Field enlarged and amended to allow 4 wells per spacing unit no closer than 1,320' to each other and no closer than 660' to the unit boundaries (Order 22-90).	
Bow Island, Dakota, Swift	2	0	2,094		
Bow Island, Dakota	1	0	1,524		
Bow Island, Sunburst	1	0	1,872		
Bow Island, Swift	2	0	1,832		
Bow Island, Dakota, Kootenai, Sunburst	1	0	115		
	2018 Production:	0	7,951		
<b>Prairie Elk</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>105,036</b>
				Statewide.	
<b>Prichard Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>169,074</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>71</b>
				Sunburst/Swift spacing rules waived with locations subject to administrative approval. Unitized for Sunburst waterflood (Order 7-73).	
<b>Pronghorn</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>490,237</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>81,819</b>
				160-acre spacing units for Red River; wells located no closer than 660' to unit boundary with 150' topographic or geologic tolerance (Orders 75-84 and 110-84).	
<b>Pumpkin Creek</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>6,079</b>
				640-acre spacing units for production of gas from the Shannon/Eagle interval, 990' setback from spacing unit boundaries (Order 10-71).	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary				
<b>Putnam</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,813,964</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,749,738</b>	
Madison	1	987	346	Statewide, except for single spacing unit consisting of portions of Sections 15 and 16, T23N, R57E for production from all formations between 6,000 to 11,000 feet (Orders 2-84, Order 11-85). Single Mission Canyon Formation spacing unit, E/2 NE/4, Sec. 32 and W/2 NW/4, Sec. 33, T23N, R57E (Order 18-93). Single Duperow spacing unit, 23N-57E-28: W2 (Order 23-01).				
Mission Canyon	3	6,423	5,232					
Red River	2	7,441	9,827					
	2018	Production:	14,851	15,405				
<b>Rabbit Hills</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,898,082</b>			
Bowes Member	2	13,555	0	Southwest Rabbit Hills: 160-acre Sawtooth Fm. spacing unit, NW/4, 34N-19E- 24 with 4 wells, 330' setback from boundaries; four 40-acre spacing units, NE/4, 34N-19E-23, 330' setback from boundaries (Orders 33-76, 78-92, 3-93). Northeast Rabbit Hills: Single 160-acre Sawtooth Fm. spacing unit with one well per quarter quarter section, 330' setback from quarter quarter boundaries (Orders 33-76, 98-83). Pilot tertiary recovery project including a portion of Northeast Rabbit Hills Field (Order 78-95). Rabbit Hills Unit approved (Order 202-02).				
Sawtooth	12	38,283	0					
	2018	Production:	51,838					0
<b>Rabbit Hills, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,748</b>			
Sawtooth	1	2,611	0					
	2018	Production:	2,611					0
<b>Rabbit Hills, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>381,137</b>	<b>1</b>		
Bowes Member	2	3,552	0	Statewide.				
Sawtooth	2	5,669	0					
	2018	Production:	9,221	0				
<b>Ragged Point</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,817,484</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>17,488</b>	
Tyler	1	635	0	40-acre spacing units; 75' topographic tolerance (Order 8-59). Spacing waived for Tyler "A" Sand Unit except no well can be closer than 660' to unit boundary, Tyler "A" waterflood (Order 35-65). Certification of expanded enhanced recovery project effective 4/1/95 (Order 18-95).				
	2018	Production:	635					0
<b>Ragged Point, Southwest</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>732,921</b>			
Tyler	6	3,625	0	Waterflood approval; drill and produce Tyler "A" Formation wells anywhere within the unit but not closer than 330' to the unit boundaries (Order 83-82).				
	2018	Production:	3,625					0
<b>Rainbow</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>167,273</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>101,594</b>	
				Single 160-acre Red River spacing unit (Order 69-82).				
<b>Rapelje</b>							<b>Post-1986 Gas Production (MCF):</b>	<b>202,315</b>
				160-acre spacing for formations from surface to base of Telegraph Creek; wells no closer than 990' to unit boundary; commingling with administrative approval (Order 29-73).				
<b>Rattler Butte</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,062,252</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>92,280</b>	
Tyler	5	8,581	0	Rattler Butte (Tyler "A") Unit approved (Order 39-92). East Rattler Butte (Tyler "C") Unit (Order 90-98).				
	2018	Production:	8,581					0
<b>Rattler Butte, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>15,403</b>	Statewide.		
<b>Rattlesnake Butte</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>780,041</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>133,276</b>	
Cat Creek, First	1	1,197	0	Statewide.				
Cat Creek, Second	1	62	0					
Amsden	1	109	0					
	2018	Production:	1,368	0				

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Rattlesnake Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>123,409</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>114,666</b>
Sunburst	4	2,964	0	Statewide.			
Bakken	1	1,159	0				
	2018	Production:	4,123	0			
<b>Raymond</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,800,266</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>4,002,459</b>
Red River	1	1,345	0	320-acre spacing units for Red River, Winnipegosis, Duperow, and Nisku formations. Wells 660' from spacing unit boundary (Order 38-72). Gas Storage (Order 50-78 and amended by Order 60-79). Mississippian pool delineation with 40-acre spacing units, wells no closer than 330' to spacing unit boundary (Order 35-79). Field enlargement for Mississippian pool (Orders 31-80 and 128-80). Field reduction for Nisku pool (Order 135-81). Nisku Formation rules suspended for unit except for 660' setback distance from external unit boundaries (Order 3-86). Authorization to inject Duperow gas into the Nisku Formation (Order 135-81).			
	2018	Production:	1,345	0			
<b>Raymond, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>150,342</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>9,295</b>
				Delineated with single Red River spacing unit (Order 94-82). Enlargement, designated spacing unit (Order 31-98).			
<b>Raymond, Northeast</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>120,687</b>		
				Designated spacing units for production from Red River, Winnipegosis, and Nisku (Orders 12-74, 20-74, 1-79).			
<b>Reagan</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>11,085,161</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>4,164,732</b>
Blackleaf	1	0	3,650	Statewide. (Order 17-54) A pressure maintenance project utilizing gas injection (Order 21-60). Waterflood (Order 27-72).			
Madison	40	44,539	82,500				
	2018	Production:	44,539	86,150			
<b>Red Bank</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,382,130</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>546,496</b>
Madison	1	2,343	0	Statewide.			
Ratcliffe	4	31,918	12,841				
	2018	Production:	34,261	12,841			
<b>Red Bank, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>387,759</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>102,959</b>
				Statewide; two Ratcliffe/Mission Canyon wells per spacing unit in specific quarter sections (Order 39-00).			
<b>Red Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>7,492,734</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>164,409</b>
Cut Bank	8	4,906	0	40-acre spacing units; wells in center of spacing unit with 75' topographic tolerance; spacing and field rules waived for unitized portion (Orders 16-58, 31-64, 5-70). Field enlarged (Order 9-62), redelineated (Order 73-62).			
Sunburst	1	675	0				
Madison	6	6,607	0				
Cut Bank, Madison	19	13,321	0				
	2018	Production:	25,509	0			
<b>Red Fox</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>380,137</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>755</b>
				Field consists of one 160-acre spacing unit for Nisku production (Order 20-67).			
<b>Red Rock</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,573</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>50,773,507</b>
Eagle	44	0	214,768	Eagle Spacing units consisting of the N 1/2 and S 1/2 of section with permitted well to be no closer than 990' to exterior section line nor closer than 660' to half section line (Order 89-79).			
Judith River	5	0	63,826				
Niobrara	14	0	43,944				
Eagle, Niobrara	1	0	2,569				
	2018	Production:	0	325,107			
<b>Red Water</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>144,137</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>40,475</b>
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Red Water Creek, South</b>				Statewide.			
<b>Red Water, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>420,130</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>160,225</b>
Dawson Bay	1	43	0	320-acre spacing units for Red River Formation consisting of 2 contiguous quarter sections with permitted well no closer than 660' to exterior boundaries of spacing unit (Order 31-83). Commingle Red River, Dawson Bay in Williams 1-4 well (Order 148-00).			
Red River	1	63	0				
2018 Production:		106	0				
<b>Redstone</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>517,352</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,565</b>
Winnipegosis	1	3,027	0	160-acre spacing units for production from the Winnipegosis; wells no closer than 660' to spacing unit boundaries (Order 30-67).			
2018 Production:		3,027	0				
<b>Refuge</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>312,284</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>151,649</b>
				Statewide.			
<b>Repeat</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>876,948</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>4,000</b>
Red River	1	11,749	0	Statewide.			
2018 Production:		11,749	0				
<b>Reserve</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,331,464</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>569,535</b>
Red River	1	2,844	997	Delineated for Red River, Silurian, and Winnipegosis production with 160-acre spacing units; permitted well within 1,320' square in center of quarter section; commingling of Red River and Interlake production permitted on individual well basis (Orders 34-66, 27-67). Field reduction (Order 68-85, 100-94). Redelineation and temporary spacing (Orders 11-96, 12-96, 66-96, 129-09).			
2018 Production:		2,844	997				
<b>Reserve II</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>232,744</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>116,749</b>
Interlake	1	528	0	Single 160-acre spacing unit for Red River (Order 44-87). Single 160-acre spacing unit for Winnipegosis, Interlake and Gunton (Order 55-88).			
2018 Production:		528	0				
<b>Reserve, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>107,929</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>99,027</b>
				Statewide, plus single spacing unit for Red River production (Order 33-86).			
<b>Richey</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,030,660</b>		
				Statewide, original 80-acre spacing revoked (Order 11-73).			
<b>Richey, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>10,386</b>		
				Statewide.			
<b>Richey, Southwest</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,920,630</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>9,229</b>
				160-acre spacing units for production from Devonian, Silurian, and Ordovician; wells no closer than 900' to boundary of spacing unit (Order 25-62). Waterflood project in the Interlake and Dawson Bay (Order 34-65).			
<b>Richey, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>11,062</b>		
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Ridgelawn</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>9,544,345</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>8,342,025</b>
Madison	1	667	0	160-acre Duperow spacing units; wells no closer than 660' to spacing unit boundary with 150' topographic tolerance (Order 18-89). Ridgelawn Duperow Unit approved (Orders 49-89, 55-89 and 11-90).Red River spacing unit (Order 233-04).			
Mission Canyon	2	8,524	3,199				
Ratcliffe	1	3,783	0				
Duperow	2	7,655	4,109				
Red River	4	25,887	76,192				
Ratcliffe, Mission Canyon	1	2,606	0				
	2018	Production:	49,122	83,500			
<b>Ridgelawn, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>514,382</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>311,503</b>
Madison	1	0	140	Single 640-acre spacing unit (Order 11-92).			
	2018	Production:	0	140			
<b>Rip Rap Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,333,816</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>551,186</b>
Ratcliffe	3	17,607	13,768	160-acre spacing units for Ratcliffe; wells located no closer than 660' from spacing unit boundary with 150' topographic and geologic tolerance (Order 93-84). Single spacing unit, Ratcliffe 26N-59E-3: NW and 4: N/2 (Order 29-01).			
	2018	Production:	17,607				
<b>River Bend</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>275,733</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>191,311</b>
				Statewide.			
<b>Rocky Boy Area</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>6,976,329</b>
Eagle	9	0	123,437	Statewide.			
Eagle, Virgelle	3	0	31,321				
	2018	Production:	0				
<b>Rocky Point</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>732,768</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>366,160</b>
Red River	1	6,303	5,416	320-acre Red River spacing unit; wells no closer than 660' to exterior boundary (Order 22-79).			
	2018	Production:	6,303	5,416			
<b>Roscoe Dome</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>18,615</b>		
				Statewide. Steam injection into Greybull and Lakota formations (Order 40-82).			
<b>Rosebud</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>623,527</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>3,975</b>
Tyler	3	1,025	0	Statewide. Rosebud "Tyler B" waterflood unit approved (Order 30-91).			
	2018	Production:	1,025				
<b>Rough Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,599</b>		
				aka Duncan Creek			
<b>Rough Ridge</b>							
				Statewide.			
<b>Royals</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>411,830</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>136,671</b>
				Statewide.			
<b>Royals, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,082</b>		
				Statewide.			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Rudyard</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>38,845</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,429,454</b>
Eagle	1	0	375	640-acre spacing units for Sawtooth gas production; well location in center of NW 1/4 of section with 75' topographic tolerance (Order 2-58). Field reduction (Order 39-76). Two wells per spacing unit, 990' setback from spacing unit boundaries, 1320' between wells (Order 15-93). Rudyard (Eagle) delineation: 640-acre spacing units for Eagle Formation, 2 wells per spacing unit located no closer than 330' to interior spacing unit boundaries, 990' to field boundaries (Order 33-94).			
Sawtooth	3	761	75				
2018 Production:		761	450				
<b>Runaway</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,579</b>	Statewide.	
<b>Rush Mountain</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,208,665</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>396,031</b>
Ratcliffe	2	12,361	1,821	Statewide. Commingling, Hoffelt #2 well (Order 17-85).			
2018 Production:		12,361	1,821				
<b>Sage Creek</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,339,660</b>
Second White Specks	9	0	24,766	640-acre spacing for horizons above the Kootenai, one producing well per section per formation to be located no closer than 990' from section line (Order 38-77). Boundary amendment (Order 86-79). Enlargement (Orders 33-81, 65-83 and 36-84).			
Blackleaf	1	0	149				
Bow Island	1	0	641				
Second White Specks, Spike	1	0	465				
2018 Production:		0	26,021				
<b>Salt Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,339,374</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>72,624</b>
				Four 160-acre spacing units for Red River Formation with production allocation by stipulated agreement (Order 48-89).			
<b>Salt Lake, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>428,913</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,897</b>
Ratcliffe	1	7,920	1,897	Single 160-acre spacing unit for Ratcliffe production (Order 47-92).			
2018 Production:		7,920	1,897				
<b>Sand Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,413,819</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>10,610</b>
				80-acre spacing units for production from the Silurian and Ordovician consisting of any two adjacent quarter-quarter sections; wells to be located in the center of NW and SE 1/4 of each quarter section with 150' topographic tolerance (Order 16-59). Commingling of Interlake and Red River production (Order 49-62). Field enlargement (Order 20-66).			
<b>Sandwich</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,252</b>
				320-acre spacing units for production of gas from Swift; wells to be located no closer than 990' to spacing unit boundaries (Order 17-77).			
<b>Saturn</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>42,805</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>7,198</b>
				Statewide.			
<b>Sawtooth Mountain</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>38,069,522</b>
Eagle	77	0	579,641	640-acre spacing units for Eagle and Judith River formations, one well per section per formation located not less than 990' from governmental section line (Order 45-76). One well per formation per quarter section in six sections; wells no closer than 660' to quarter section lines and 990' to section lines (Order 65-85). 4 wells per formation per section for 3 additional sections (Ordered 62-89). Numerous well density, location exceptions.			
Judith River	8	0	20,143				
Judith River, Eagle	1	0	1,740				
2018 Production:		0	601,524				
<b>Scobey</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,916</b>	Statewide.	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Sears Coulee</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>392,855</b>
Dakota	1	0	8,892	Delineated for gas, surfact to top of Kootenai, 160-acre spacing units, NW/4 and SW/4 of 36N-4E-3 (Order 211-02).	
	2018 Production:	0	8,892		
<b>Second Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,466,168</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>375,465</b>
				303.1-acre Red River spacing unit (Order 34-78). 160-acre Duperow spacing units; well locations for each unit as specified (Order 119-80). Duperow spacing units combined into single spacing unit (Order 97-98).	
<b>Second Guess</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>43,588</b>
Madison	1	520	0	40-acre spacing units for oil production from top 100' of Mississippian Madison Formation to the surface; wells to be located no closer than 330' to the spacing unit boundaries with 75' for topographic tolerance (Order 57-91).	
	2018 Production:	520	0		
<b>Shepherd</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>76,942</b>
				Statewide.	
<b>Shelby Area</b>					
				Statewide.	
<b>Shelby, East</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>915,411</b>
Bow Island	1	0	4,686	640-acre spacing units for all formations from the surface to the top of the Rierdon Formation (Order 8-91).	
Sunburst	2	0	7,550	Enlarged, amended to allow 2 wells per spacing unit no closer than 990' to the section line and no closer than 990' to another well in the same section producing from the same horizon (Order 45-91). Enlarged for Bow Island production (Order 61-91).	
	2018 Production:	0	12,236		
<b>Sherard</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>1,975,966</b>
Eagle	15	0	31,977	640-acre Eagle spacing units; 990' setback from section line (Order 1-74). 160-acre Eagle spacing units for Section 8, T25N, R17E; wells located no closer than 990' from section line, 660' from quarter section line (Order 7-77). Enlarged, well locations no closer than 660' from quarter section line in enlarged area (Order 4-83). 320-acre Eagle gas spacing units for Sections 19 and 30, T26N, R17E; wells no closer than 990' to spacing unit boundaries (Order 24-87).	
	2018 Production:	0	31,977		
<b>Sherard, Area</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>41,026,425</b>
Eagle	66	0	334,194	Statewide, numerous exceptions.	
Judith River	11	0	45,462		
Eagle, Virgelle	1	0	20,395		
Judith River, Eagle	8	0	20,157		
	2018 Production:	0	420,208		
<b>Short Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>8,950</b>
				Single 640-acre Nisku spacing unit with 4 horizontal wells, 330' setback from section lines (Order 40-99).	
<b>Shotgun Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,429,078</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>450,806</b>
Ratcliffe	5	21,996	19,124	Statewide.	
	2018 Production:	21,996	19,124		
<b>Shotgun Creek, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>100,054</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>6,684</b>
				320-acre spacing units for Red River and Gunton production; wells located no closer than 660' to spacing unit boundaries and 1500' to another well producing from the same formation (Order 49-77).	
<b>Sidney</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,789,245</b>
				<b>Post-1986 Gas Production (MCF):</b>	<b>787,667</b>
Madison	2	1,615	22	160-acre spacing units for Madison group with one well per spacing unit to be located no closer than 660' from unit boundary and no closer than 1,650' to well producing from the same formation (Order 5-79). Field enlargement (Order 99-80).	
Ratcliffe	1	3,755	0		
	2018 Production:	5,370	22		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Sidney, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>650,201</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>98,554</b>
				Statewide.			
<b>Signal Butte</b>							
<b>Singletree</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>373,992</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>82,327</b>
				Single spacing unit for production from Winnipegosis (Order 78-84).			
<b>Sioux Pass</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,550,683</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,723,589</b>
Interlake	2	13,187	6,978	320-acre spacing units for Interlake and Red River consisting of two adjacent governmental quarter sections lying north-south or east-west at operator's option; permitted well no closer than 660' from unit boundary; 160-acre spacing units for Mission Canyon with well no closer than 660' from unit boundary; commingling of Interlake and Red River production authorized (Orders 10-75, 15-77). Amended field boundary (Order 15-77). Field reduction (Order 89-81). Additional wells (Orders 82-96, 83-96). Additional Red River-Interlake well, 25N-57E-23:SE (Order 96-01).			
Putnam Member	1	5,246	1,859				
Red River	6	39,991	24,825				
Stonewall	2	16,539	11,973				
2018 Production:		74,963	45,635				
<b>Sioux Pass, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>89,267</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>895</b>
				Statewide.			
<b>Sioux Pass, Middle</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,981,593</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>900,515</b>
Red River	1	6,421	0	320-acre spacing units for Red River Formation to consist of two contiguous governmental quarter sections at operator's option; location to be no closer than 660' from exterior boundary of unit and no closer than 1,650' from well producing from same formation; commingling upon administrative approval (Order 55-76). Exception location (Order 39-81).			
2018 Production:		6,421	0				
<b>Sioux Pass, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,756,867</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>2,682,801</b>
Madison	1	1,356	610	320-acre spacing units for Red River, Interlake, Winnipegosis, Nisku, Madison; well locations at least 660' from unit boundary (Orders 12-75, 17-76, 8-79). Commingling approved (Order 17-76). 150' topographic tolerance (Order 10-81). Field extensions (Orders 12-77, 13-79 and 48-81). Two 320-acre spacing units for Duperow (Orders 107-80, 74-82). Additional well, E2 26N-58E-7 (Order 30-97). Additional wells (Orders 103-00, 104-00). Spacing unit redesignation, allowance for horizontal wells (Order 105-00). 160-acre Ratcliffe spacing unit, NW 26N-58E-7 (Order 157-02).			
Ratcliffe	1	52	0				
Nisku	2	18,420	7,109				
Red River	2	19,439	7,709				
Ratcliffe, Mission Canyon	1	159	72				
2018 Production:		39,426	15,500				
<b>Sioux Pass, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>397,293</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>175,396</b>
Red River	2	6,399	0	Statewide.			
2018 Production:		6,399	0				
<b>Sioux Pass, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>606,967</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>369,820</b>
Red River	2	7,272	162	Designated 320-acre spacing units for Red River Formation (Orders 105-98, 106-98).			
2018 Production:		7,272	162				
<b>Sixshooter Dome</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,976,911</b>
Big Elk Sandstone	1	0	5,317	160-acre spacing units for gas production at a depth from 969' to 1500'; wells no closer than 660' to spacing unit boundary with 75' topographic tolerance (Order 18-92).			
Lakota	1	0	10,138				
Big Elk, Lakota	1	0	221				
2018 Production:		0	15,676				
<b>Smoke Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>100,305</b>		
				Statewide.			
<b>Snake Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>146,846</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>126,935</b>
				Designated 320-acre spacing unit for Gunton, Winnipegosis, Red River (Order 63-98).			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Snoose Coulee</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>8,711</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,087,121</b>
Bow Island	11	185	16,427	640-acre spacing units for Bow Island and shallower formations; wells no closer than 990' to spacing unit boundary (Order 18-77). 320-acre Sunburst gas spacing unit approved (Order 58-88). Field enlargement, authorization for two wells per section for formations above the Kootenai, 660' setback from section lines, commingling (Order 30-00).			
Sunburst	1	0	1,627				
2018 Production:		185	18,054				
<b>Snow Coulee</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>28,445</b>
Sunburst	1	0	140	Two 320-acre spacing units for Sunburst gas production (Order 78-76).			
2018 Production:		0	140				
<b>Snowden</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,938</b>		
				Statewide.			
<b>Snyder</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>483,916</b>		
Tensleep	1	4,243	0	10-acre spacing units with center 5-spot permitted; 150' topographic tolerance (Order 45-62).			
2018 Production:		4,243	0				
<b>Soap Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,625,454</b>		
Tensleep	8	2,473	0	One well per 10-acre spacing unit per producing formation; well location in center of spacing unit with 100' topographic tolerance. Delineation includes Madison, Amsden, and Tensleep formations (Order 26-60).			
Amsden	1	651	0				
Madison	19	20,083	0				
Madison, Amsden	5	5,984	0				
Tensleep, Amsden	1	1,539	0				
2018 Production:		30,730	0				
<b>Soap Creek, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>311,693</b>		
Tensleep	4	5,149	0	Statewide.			
2018 Production:		5,149	0				
<b>Soberup Coulee</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>6,809</b>
				320-acre 2nd Bow Island Sandstone spacing units, consisting of E 1/2 and W 1/2 of delineated section with locations no closer than 660' to spacing unit boundaries (Order 25-79).			
<b>South Fork</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,313,425</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>344,483</b>
Mission Canyon	1	2,407	816	Statewide.			
2018 Production:		2,407	816				
<b>Spring Coulee</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>560,819</b>
Niobrara	1	0	139	Statewide.			
2018 Production:		0	139				
<b>Spring Lake</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,006,667</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>626,221</b>
Bakken	1	2,280	0	Delineated for Red River and Nisku formations with one well per 160-acre spacing unit; well location anywhere within 840' square in center of spacing unit (Order 6-63). Field redelineation (Orders 30-76, 49-76). Single 320-acre spacing unit for Bakken Formation production (Order 26-95). Bakken spacing unit, 25N-54E-35: All, authorization for two horizontal wells (Order 128-00). Remove 25N-54E-36: SW, create temporary spacing unit (Order 25-01).			
2018 Production:		2,280	0				
<b>Spring Lake, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>114,064</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>51,074</b>
				Single designated Red River Fm. spacing unit (Order 81-81).			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Spring Lake, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>108,630</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>86,478</b>
Bakken	1	1,011	354	Single 160-acre Duperow spacing unit (Order 42-82).			
2018 Production:		1,011	354				
<b>St. Joe Road</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>202</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>23,654,908</b>
Eagle	7	0	24,149				
Judith River	1	0	35,430				
Niobrara	68	0	211,413				
Eagle, Niobrara	2	0	2,263				
Judith River, Niobrara	1	0	2,069				
2018 Production:		0	275,324				
<b>Stampede</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>435,035</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>331,733</b>
320-acre specified spacing units for the Red River Formation; 160-acre spacing units for the Duperow Formation with well location to be no closer than 660' from a spacing unit boundary line (Order 19-82).							
<b>Stampede, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>4,566</b>		
Single Nisku Fm. spacing unit (Order 29-82).							
<b>Stensvad</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>10,628,644</b>		
Tyler	3	15,257	0	40-acre spacing units; well location in center of spacing unit with 200' tolerance (Orders 2-59 and 7-60). Wells may be drilled anywhere within waterflood unit boundary, no closer than 660' to unit boundary (Order 5-65, amended). Field enlarged (Order 22-59). Waterflood area enlarged (Order 9-67).			
2018 Production:		15,257	0				
<b>Strater</b>				Delineated for production of gas from the Phillips, 160-acre spacing units, 660' setback (Order 103-81).			
<b>Strawberry Creek Area</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>705,052</b>
Bow Island	1	0	128	Statewide.			
2018 Production:		0	128				
<b>Studhorse</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>234,974</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,789</b>
Tyler	2	369	0	Statewide.			
2018 Production:		369	0				
<b>Sumatra</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>47,576,615</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>257,155</b>
Amsden	2	1,292	0	40-acre spacing units; well located in center of unit with 75' tolerance (Order 14-58). Field redelineated (Orders 14-75 and 16-72). Vacuum pumps permitted on certain wells (Orders 99-79 and 32-80). Seven waterflood units (Orders 48-67, 6-69, 19-69, 23-69, 5-75, 21-78, and 43-80). Convert CTSU, SESTSU and Kincheloe Sumatra Unit to tertiary recovery projects (Orders 99-84, 100-84 and 29-85). Certification of Kincheloe Sumatra Unit (Order 23-95) and West Sumatra Unit (Order 68-95) as expanded enhanced recovery projects. Grebe-Kincheloe waterflood unit approved (Order 175-02).			
Tyler	27	35,022	0				
Lower Tyler	6	5,389	0				
Heath	1	829	0				
2018 Production:		42,532	0				
<b>Sumatra Gas</b>				Statewide			
<b>Sundown</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>40,626</b>		
Single Red River Formation spacing unit (Order 11-97).							
<b>Sunny Hill</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>273,589</b>		
320-acre Red River & Duperow spacing units; wells no closer than 660' to exterior spacing unit boundaries nor closer than 1,650' to any well producing from same formation. 160-acre Madison spacing units; location no closer than 660' to section or quarter section lines (Order 39-78). Field reduction (Order 79-84).							

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Sunny Hill, West</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>194,871</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>107,778</b>
				Single 320-acre spacing unit consisting of S/2, Sec. 14, T31N, R57E (Order 55-93).			
<b>Swanson Creek</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>8,593,533</b>
Phillips	64	0	113,548	320-acre spacing units (Order 36-75), amended to enlarge field and provide that spacing units may run north-south or east-west with permitted wells to be no closer than 990' to section or quarter section lines (Order 11-78). Field enlargement (Orders 32-78, 92-79, 66-80 and 55-81). Previous orders amended to allow one additional well in each existing 320-acre spacing unit, no more than one well per quarter section located no closer than 660' to the quarter section boundaries (Order 28-82).			
Greenhorn-Phillips	4	0	4,236				
Bowdoin, Phillips	1	0	2,686				
2018 Production:		0	120,470				
<b>Sweetgrass</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>803,262</b>
				Single Sunburst gas spacing unit (Order 121-82).			
<b>Target</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,919,758</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>479,479</b>
Ratcliffe	1	2,286	1,027	Single spacing unit for Mission Canyon/Ratcliffe formations (Order 18-82). Field enlargement and establishment of 160-acre spacing units with permitted well locations to be no closer than 660' to the unit boundaries; 150' tolerance for topographic reasons (Order 35-82). Field enlargement (Order 23-84). Ratcliffe spacing unit, 29N-58E-3: W2 (Order 83-00). Enlargement and spacing (Order 116-01).			
2018 Production:		2,286	1,027				
<b>Thirty Mile</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>54,167</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>570,140</b>
Eagle	5	0	8,146	Statewide.			
Bowes Member	3	17,948	0				
Sawtooth	2	109	0				
2018 Production:		18,057	8,146				
<b>Three Buttes</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>828,125</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>447,343</b>
Red River	1	6,805	12,503	160-acre spacing units for Madison Group formations, wells no closer than 660' from spacing unit boundaries (Order 11-81). Red River and Bakken Fm. delineation, SW/4 23N-57E-19 (Order 59-97, vacated by Order 125-04).			
2018 Production:		6,805	12,503				
<b>Three Mile</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>1,310,947</b>
Eagle	1	0	16,155	Statewide.			
2018 Production:		0	16,155				
<b>Tiber</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>57,019</b>
				Two wells per each gas producing horizon from the surface down to and including the Kootenai Formation per section; 990' setbacks and 1,320' between wells in each section (Orders 143-81, 21-84 and 28-85). Field enlargement (Orders 116-01, 117-01).			
<b>Tiber, East</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>2,271,229</b>
				Two wells from same Bow Island horizon per section located no closer than 990' to section lines and 1,320' to each other (Orders 21-84 and 28-85). Field enlargement (Order 17-01).			
<b>Tiger Ridge</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>346,061,078</b>
Eagle	545	0	3,026,586	Field delineation and redelineations (Orders 17-67, 23-68, 10-70, 13-75, 46-78, 48-79, 26-80, 30-89, 10-90 and 66-91). Statewide spacing for area not unitized. Numerous well density, location exceptions.			
Judith River	16	0	21,499				
Judith River, Eagle	4	0	32,434				
2018 Production:		0	3,080,519				
<b>Tiger Ridge, North</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>19,382</b>
				160-acre spacing units; one well per horizon per spacing unit from the Virgelle Formation to the surface; well to be no closer than 990' to the section line nor closer than 660' to the interior quarter section line (Order 80-79).			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Timber Creek</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>7,003</b>
				320-acre Sunburst Sandstone spacing units consisting of two contiguous quarter sections oriented either north south or east west; locations no closer than 660' to internal spacing unit boundaries, or 990' to external boundaries (Order 24-75).	
<b>Timber Creek, West</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>387,977</b>
				Single 640-acre spacing unit for Sunburst Sandstone production, Sec. 6, T35N, R1E (Order 91-76).	
<b>Tinder Box</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>168,258</b>
Tyler	2	3,707	0	Statewide.	
	2018	Production:	3,707	0	<b>Post-1986 Gas Production (MCF):</b>
					<b>1,335</b>
<b>Tippy Buttes</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>126,246</b>
				Statewide. Water injection into lower Tyler Formation (Order 57-82).	
<b>Toluca</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>1,940,945</b>
Belle Fourche	67	0	52,270	Delineated for production of gas from the surface through the Frontier Fm. with 160-acre spacing units, 660' setback from spacing unit boundaries (Order 28-83). Field enlargement (Order 42-02).	
Greenhorn	1	0	1,007		
Belle Fourche, Greenhorn	20	0	17,490		
	2018	Production:	0		
<b>Trail Creek</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>2,380,431</b>
Bow Island	5	0	14,925	One well per 320-acres consisting of S 1/2 and N 1/2 of each governmental section but not closer than 990' from spacing boundary (Orders 33-70, 28-76). Field enlargements (Order 135-80).	
Sunburst	2	0	5,914		
Swift, Sunburst	1	0	8,517		
	2018	Production:	0		
<b>Tule Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>8,572,053</b>
Nisku	2	2,194	1,417	160-acre spacing units with permitted well anywhere within 1,320' square in center of each unit (Orders 26-62, 6-65, 11-67, 5-77, 52-86).	
	2018	Production:	2,194		
<b>Tule Creek, East</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,056,293</b>
				<b>Post-1986 Gas Production (MCF):</b> <b>66,934</b>	
				160-acre Nisku spacing units for Devonian Nisku with permitted well anywhere within 1,320' square in center of each unit (Orders 40-64, 6-65, 4-86).	
<b>Tule Creek, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,110,090</b>
Nisku	1	2,102	0	160-acre Nisku spacing units with permitted well anywhere within a 1,320' square in center of each unit (Orders 34-64, 6-65).	
	2018	Production:	2,102		
<b>Two Forks</b>				Statewide.	
<b>Two Medicine Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>10,249</b>
				Statewide.	
<b>Two Waters</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>473,462</b>
Red River	1	4,722	3,053	Statewide.	
	2018	Production:	4,722		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
<b>Utopia</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,125,916</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>4,691,024</b>
Swift	20	12,199	11,758	640-acre spacing units for formations between top of Kootenai and top of Greenhorn; well location no closer than 990' to any section line (Order 13-80). 40-acre spacing units for Swift Formation; location to be in center of quarter-quarter section with 100' topographic tolerance (Order 9-78). Spacing units shall consist of 1 well per quarter-quarter section located no closer than 330' to the section boundary (Order 96-81). Utopia Swift Unit (Orders 11-89, 38-89, 33-90). Certification as expanded enhanced recovery project effective 10/1/94 (Order 88-94).			
	2018	Production:	12,199	11,758			
<b>Valier</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>22,568</b>
				320-acre spacing units for production of gas from all formations from the top of the Kootenai Formation to the surface; one well per spacing unit per formation, wells no closer than 660' to spacing unit boundaries and 990' to field boundaries (Order 15-91).			
<b>Vandalia</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>820,567</b>
Eagle	1	0	0	160-acre spacing units; where discrete gas formations (Bowdoin, Greenhorn, and Phillips) exist a well may be drilled to each formation; wells to be located no closer than 660' to the spacing unit boundaries (Order 61-82).			
	2018	Production:	0	0			
<b>Vaux</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,390,242</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>3,155,586</b>
Madison	3	2,903	735	Single spacing unit with commingling approved for Madison group (Order 63-83). Single spacing unit for Mississippian Bakken Formation (Order 20-86). Single 160-acre spacing unit for Mission Canyon Formation (Orders 25-87, 10-00).			
Mission Canyon	2	5,150	417				
Madison, Bakken	1	2,774	1,327				
Mission Canyon, Bakken	2	2,470	583				
Ratcliffe, Mission Canyon	1	4,509	4,563				
Stonewall, Red River	1	14,938	5,557				
	2018	Production:	32,744	13,182			
<b>Vida</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>264,988</b>		
				Interlake, 160-acre spacing units with wells located in an 840' square in the center but at least 900' from spacing unit boundaries (Order 39-63). Field reduction (Order 79-76).			
<b>Viking</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>160</b>		
				Field delineation vacated (Order 8-84).			
<b>Volt</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,012,207</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>15,773</b>
Nisku	3	27,372	189	160-acre Nisku spacing units with permitted well anywhere within a 1,320' square in center of each unit (Orders 27-64, 6-65, 32-65).			
	2018	Production:	27,372	189			
<b>Waddle Creek</b>						<b>Post-1986 Gas Production (MCF):</b>	<b>235,430</b>
				80-acre spacing units, 220' setback, for coals within the Fort Union Fm. (Order 379-2006).			
<b>Wagon Box</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>32,412</b>		
				Statewide.			
<b>Wagon Trail</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>43,321</b>		
				Single 320-acre designated spacing unit (Order 2-83).			
<b>Wakea</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,386,325</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>930,860</b>
Nisku	1	823	0	Two 320-acre spacing units (Order 84-83). Field enlarged; wells located no closer than 660' to spacing unit boundaries. Delineation includes Red River, Nisku, Duperow, Winnipegosis, Interlake and Gunton Formations (Order 34-84). Commingling of production from Nisku and Duperow Formations in one well (Order 59-91).			
Red River	1	8,081	6,443				
Red River, Winnipegosis	1	2,833	0				
	2018	Production:	11,737	6,443			

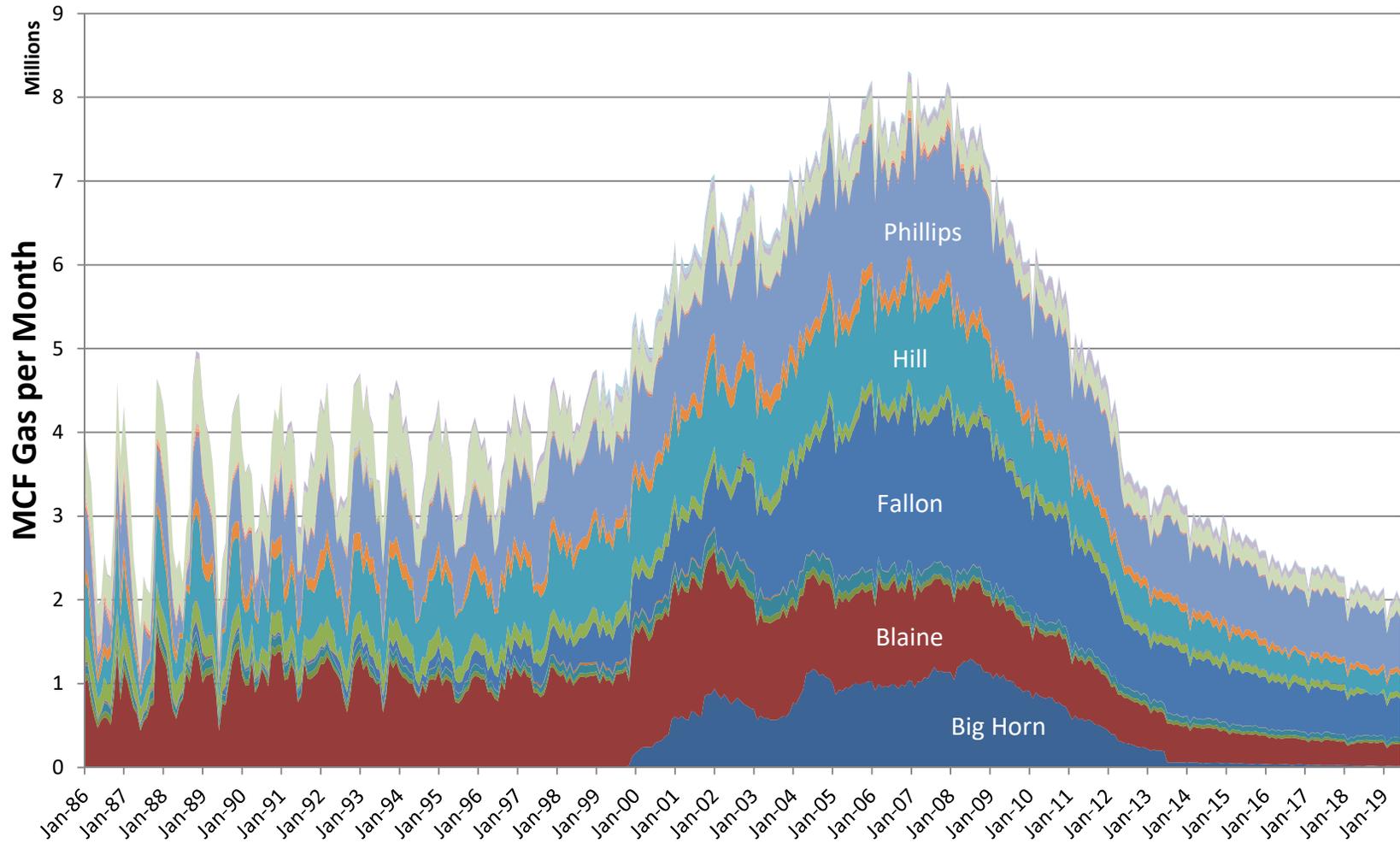
Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary				
<b>Waterhole Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,606,257</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>1,671,939</b>	
Red River	4	43,318	12,172	Delineation for production of oil from horizontal Red River Formation wells; spacing units set by order (Order 120-97).				
2018 Production:		43,318	12,172					
<b>Weed Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>674,099</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>9,341</b>	
Amsden	1	297	0	Statewide.				
2018 Production:		297	0					
<b>Weldon</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>7,050,531</b>			
				Delineated for production of oil from Kibbey Fm.; 80-acre spacing units, location at approx. center of NE and SW quarter quarter with 200' topo. tolerance (Order 9-65). Spacing exceptions (Orders 37-65, 21-66, 43-81, 34-88).				
<b>West Butte</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>346,998</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>718,631</b>	
Bow Island	3	0	12,543	Sawtooth-Madison gas commingled, unitized; no well closer than 330' to unit boundary (Order 5-72).				
Sunburst	2	256	0					
2018 Production:		256	12,543					
<b>West Butte Shallow Gas</b>							<b>Post-1986 Gas Production (MCF):</b>	<b>307,278</b>
Bow Island	1	0	4,072	160-acre spacing units; with one well permitted for each gas producing formation above the top of the Kootenai within each 160-acre spacing unit; well locations not closer than 990' to spacing unit boundaries (Order 39-77).				
2018 Production:		0	4,072					
<b>West Fork</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,671</b>			
				Statewide.				
<b>Weygand</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>336,601</b>	<b>Post-1986 Gas Production (MCF):</b>	<b>420,609</b>	
Eagle	2	0	9,056	Statewide.				
Sawtooth	4	19,567	0					
2018 Production:		19,567	9,056					
<b>White Bear</b>							<b>Post-1986 Gas Production (MCF):</b>	<b>191,011</b>
				Designated spacing units for production of gas from the Eagle Formation.				
<b>Whitewater</b>							<b>Post-1986 Gas Production (MCF):</b>	<b>59,209,881</b>
Niobrara	8	0	15,786	640-acre spacing units with 2 wells per formation (Orders 41-82 and 14-89). 4 wells per formation per spacing unit no closer than 660' to spacing unit boundaries, 1,320' between wells producing from the same formation, 150' of tolerance for geologic or topographic reasons (Order 15-89). Pilot infill drilling program approved for a portion of the field with up to 8 wells per spacing unit with between-well distance reduced to 990' (Order 15-91). Expand pilot infill drilling program (Order 6-92). Niobrara included as delineated formation (Order 146-00). Enlargement (Order 281-04).				
Phillips	100	0	326,119					
Bowdoin, Greenhorn, Phillips, Niobrara	1	0	4,054					
Niobrara, Greenhorn, Phillips	12	0	57,938					
Bowdoin, Greenhorn	1	0	5,350					
Bowdoin, Greenhorn, Phillips	4	0	12,115					
Greenhorn-Phillips	2	0	8,289					
Bowdoin, Phillips	4	0	13,260					
Phillips, Niobrara	172	0	741,630					
Bowdoin, Niobrara	1	0	1,847					
Bowdoin, Phillips, Niobrara	11	0	56,747					
2018 Production:		0	1,243,135					

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Whitewater, East</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>7,611,628</b>
Greenhorn	1	0	819	640-acre spacing units with two wells allowed per formation to be located anywhere within the spacing unit but not closer than 990' to spacing unit boundary (Order 100-83). 4 wells per formation per spacing unit no closer than 1,320' to another well producing from the same formation with 150' tolerance for geologic or topographic reasons (Order 65-89). Pilot infill drilling program in Section 31, T33N, R34E allowing up to 8 wells with 990' between wells, 150' tolerance and 660' setbacks (Order 7-92). Field enlargement, commingling (Order 33-98).	
Martin Sandstone	1	0	171		
Phillips	36	0	110,169		
Bowdoin, Greenhorn, Phillips, Niobrara	1	0	948		
Bowdoin, Martin	1	0	222		
Bowdoin, Greenhorn, Phillips	2	0	2,624		
Phillips, Niobrara	2	0	2,644		
Bowdoin, Phillips, Niobrara	2	0	2,941		
2018 Production:		0	120,538		
<b>Whitlash</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>6,618,066</b>
Bow Island	30	326	182,060	<b>Post-1986 Gas Production (MCF):</b>	<b>16,322,524</b>
Dakota	2	0	11,959	Gas: 330' from legal subdivision line and 2,400' between wells, 75' topographic tolerance. Oil: 330' from legal subdivision line and 650' between wells; 5-spot location at center of 40-acre tract; 75' topographic tolerance (Orders 16-54, 27-70). Include S 1/2 of Section 30, T37N, R4E. SW 1/4 of 30 is 1 spacing unit, SE 1/4 is the other; well location no closer than 990' from spacing unit boundary (Order 45-81). Whitlash East (Shafer) Swift Sand Unit (Order 6-99). Whitlash East (State) Swift Sand Unit (Order 7-99). Whitlash Northeast Swift Sand Unit (Order 87-99).	
Sunburst	1	0	12,539		
Spike Zone, Blackleaf Fm.	1	0	10,658		
Swift	28	14,778	26,331		
Bow Island, Dakota	4	81	13,382		
Bow Island, Dakota, Kootenai	1	0	4,890		
Bow Island, Blackleaf	1	0	6,374		
Bow Island, Sunburst	1	0	14,781		
Bow Island, Swift	2	0	27,715		
Spike, Bow Island, Sunburst	1	0	2,162		
Swift, Sunburst	27	24,535	15,329		
2018 Production:		39,720	328,180		
<b>Whitlash, West</b>					
Sunburst	6	6	8,244	<b>Post-1986 Gas Production (MCF):</b>	<b>425,459</b>
Swift, Sunburst	2	51	275	Gas: 160-acre spacing units consisting of quarter sections; well location anywhere within a 660' square in center of spacing unit. Oil: 330' from legal subdivision line, 650' between wells in same reservoir on same lease; 5-spot location permitted (Orders 61-62, 22-65). Amendment (Order 48-77). Field extension (Order 18-79).	
2018 Production:		57	8,519		
<b>Wibaux</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>23,580</b>
				Statewide.	
<b>Wild Horse</b>					<b>Post-1986 Gas Production (MCF):</b>
				Statewide.	
<b>Wildcat Glacier</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>48,425</b>
<b>Wildcat Musselshell</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>925</b>
<b>Wildcat Petroleum</b>					
<b>Wildcat Rosebud, N</b>					

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
<b>Williams</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>2,362,646</b>	
				640-acre spacing unit; well to be located no closer than 990' to exterior boundary for all formations above the Kootenai (Order 49-79). Enlargement (Order 102-79, 11-83).		
<b>Willow Creek, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>481,462</b>	
Tyler	2	2,010	0	Statewide. Pilot waterflood (Order 19-72).		
	2018	Production:	2,010	0		
<b>Willow Ridge</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>80,381</b>	<b>Post-1986 Gas Production (MCF):</b>
Bow Island	4	0	5,032	640-acre spacing units, 990' setback from spacing unit boundary for gas production from all formations from the surface to the top of the Kootenai (Order 29-78). 40-acre spacing units for oil production from the Burwash; 5 wells in each spacing unit to be located in the center of each 10 acre quarter-quarter-quarter section and one in the center of each 40-acre subdivision, 75' topographic tolerance (Order 30-78). Willow Ridge (Burwash) Unit (Order 88-97).		
Burwash	2	653	0			
	2018	Production:	653	5,032		
<b>Willow Ridge, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,715</b>	<b>Post-1986 Gas Production (MCF):</b>
Sunburst	2	14	60,660	Statewide.		
	2018	Production:	14	60,660		
<b>Willow Ridge, West</b>				<b>Post-1986 Gas Production (MCF):</b>	<b>526,876</b>	
Bow Island	3	0	6,238	Delineated for gas production from the 4th Bow Island sand; 640-acre spacing units, wells to be located no closer than 990' to spacing unit boundaries (Order 3-88).		
	2018	Production:	0	6,238		
<b>Wills Creek, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>2,432,761</b>	<b>Post-1986 Gas Production (MCF):</b>
Siluro-Ordovician	3	31,394	3,292	160-acre spacing units for Siluro-Ordovician; well location in center of SE 1/4 of each unit with 175' topographic tolerance (Orders 5-64, 30-66). Waterflood initiated 12-1-73 (Order 23-73). Field enlargement, designation of single 640-acre spacing unit for up to 4 horizontal or vertical wells (Order 4-95).		
	2018	Production:	31,394	3,292		
<b>Windmill</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>31,943</b>	<b>Post-1986 Gas Production (MCF):</b>
				Statewide.		
<b>Windy Ridge</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,438,215</b>	<b>Post-1986 Gas Production (MCF):</b>
Red River	13	207,337	47,857	Delineated for production of oil from horizontal Red River Formation wells; spacing units set by order. (Order 121-97). Redelineated (Order 130-00).		
	2018	Production:	207,337	47,857		
<b>Winnett Junction</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,215,387</b>	
Tyler	1	4,003	0	20-acre spacing units consisting of W 1/2 and E 1/2 of quarter-quarter section, no closer than 120' to the boundary of a spacing unit (Order 57-76). Certain lands vacated (Order 41-77). A waterflood operation commenced October 1, 1977 into Tyler Formation (Order 41-77).		
	2018	Production:	4,003	0		
<b>Wolf Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,979</b>	
				Statewide.		
<b>Wolf Springs</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>5,005,264</b>	<b>Post-1986 Gas Production (MCF):</b>
Amsden	5	6,199	280	80-acre Amsden spacing units consisting of N 1/2 and S 1/2 of each quarter section; well location in center of NW 1/4 and SE 1/4 of each quarter section with 75' topographic tolerance (Orders 4-56, 9-59). Boundary changes (Orders 92-76 and 5-90).		
	2018	Production:	6,199	280		
<b>Wolf Springs, South</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>930,653</b>	
				80-acre spacing units for Amsden comprised of W 1/2 or E 1/2 of quarter section; wells located center of NW 1/4 or SE 1/4 of quarter section with 150' topographic tolerance (Order 57-84). Field enlargement (Order 8-85). South Wolf Springs Amsden Unit (Order 23-92). Expanded enhanced recovery unit effective 6/29/94 (Order 52-94).		

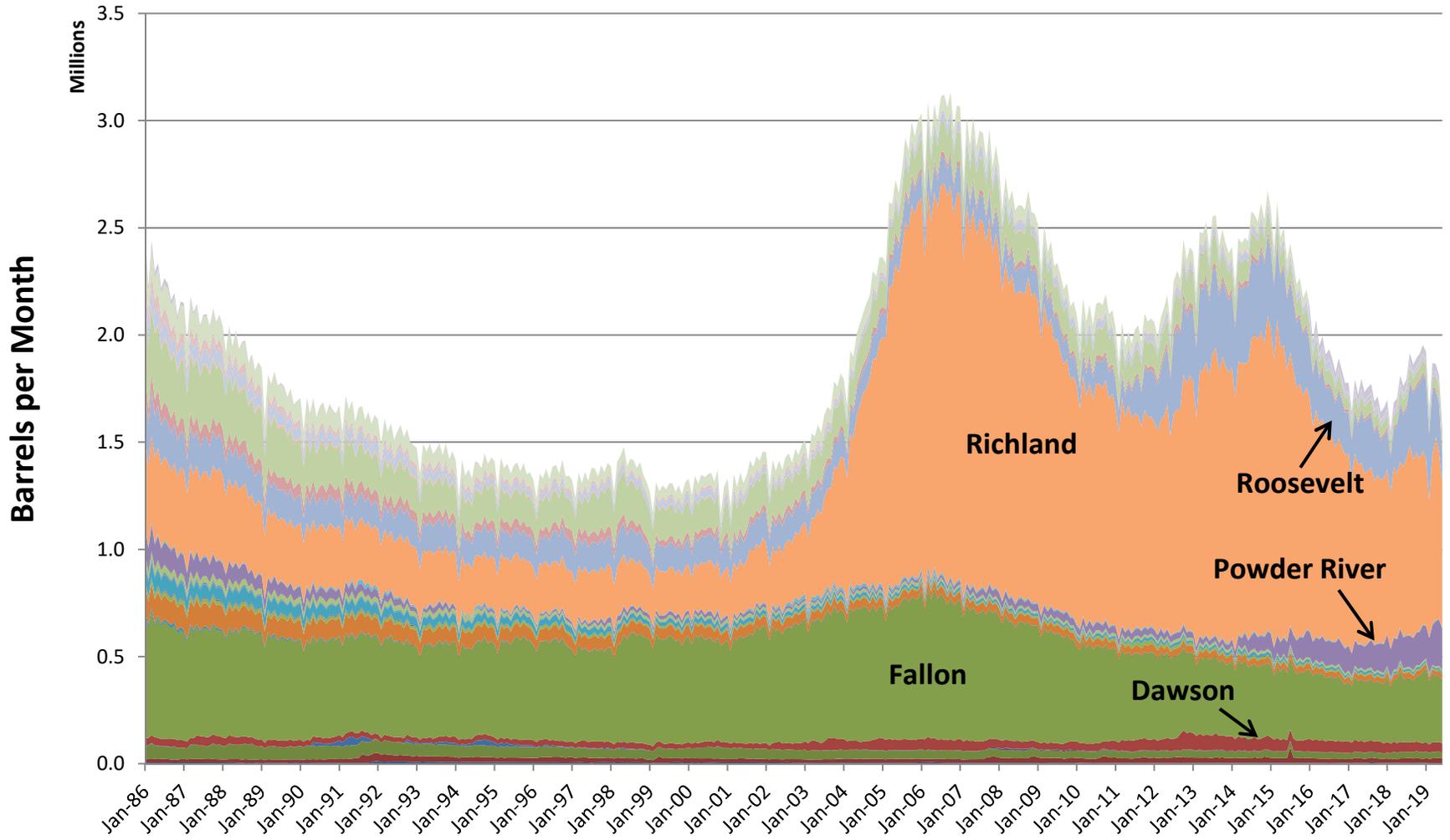
Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary	
<b>Womans Pocket</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>3,526</b>
				Statewide	
<b>Woodrow</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>1,608,542</b>
Charles	1	4,511	369	80-acre spacing units consisting of any two adjacent quarter-quarter sections; well locations in center of NE 1/4 and SW 1/4 of each quarter section with 200' topographic tolerance (Order 47-62). Horizontal well authorizations (Orders 41-00, 42-00, 43-00).	<b>Post-1986 Gas Production (MCF):</b>
Silurian Undifferentiated	1	6,075	478		
2018 Production:		10,586	847		
<b>Wrangler</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>917,403</b>
Red River	1	3,170	0	320-acre spacing units for production from Red River Formation consisting of W 1/2 and E 1/2 of Sec. 25 T34N, R56E (Order 44-85).	<b>Post-1986 Gas Production (MCF):</b>
2018 Production:		3,170	0		
<b>Wrangler, North</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>225,104</b>
				Statewide.	
<b>Wright Creek</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>435,213</b>
Muddy	4	3,829	7,410	80-acre spacing units for Muddy Sandstone production consisting of N 1/2 and S 1/2 of quarter section with locations in NW 1/4 and SE 1/4 of each quarter section with 200' tolerance (Order 27-69). Field area reduction (Order 69-76).	<b>Post-1986 Gas Production (MCF):</b>
2018 Production:		3,829	7,410		
<b>Xeno</b>					<b>Post-1986 Gas Production (MCF):</b>
				Statewide; also called Xena or Kremlin field.	
<b>Yates</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>127,868</b>
Red River	2	11,111	0	320-acre spacing units; locations as specified for Duperow and Red River; dual completions approved (Order 92-81). Single 320-acre spacing unit for Ratcliffe/Mission Canyon (Order 22-86).	<b>Post-1986 Gas Production (MCF):</b>
2018 Production:		11,111	0		
<b>Yellowstone</b>				<b>Cumulative Oil Production (Bbls):</b>	<b>39,405</b>
				Field rules vacated (Order 19-62).	

# Monthly Non-Associated Gas Production by County



- |            |                 |              |           |            |           |                |           |
|------------|-----------------|--------------|-----------|------------|-----------|----------------|-----------|
| ■ Big Horn | ■ Blaine        | ■ Carbon     | ■ Carter  | ■ Chouteau | ■ Custer  | ■ Fallon       | ■ Fergus  |
| ■ Glacier  | ■ Golden Valley | ■ Hill       | ■ Liberty | ■ Phillips | ■ Pondera | ■ Powder River | ■ Prairie |
| ■ Richland | ■ Stillwater    | ■ Sweetgrass | ■ Teton   | ■ Toole    | ■ Valley  | ■ Wibaux       |           |

# Monthly Oil Production by County



- |                |           |               |             |             |                 |              |
|----------------|-----------|---------------|-------------|-------------|-----------------|--------------|
| ■ Big Horn     | ■ Blaine  | ■ Carbon      | ■ Carter    | ■ Chouteau  | ■ Custer        | ■ Daniels    |
| ■ Dawson       | ■ Fallon  | ■ Fergus      | ■ Garfield  | ■ Glacier   | ■ Golden Valley | ■ Hill       |
| ■ Liberty      | ■ McCone  | ■ Musselshell | ■ Park      | ■ Petroleum | ■ Phillips      | ■ Pondera    |
| ■ Powder River | ■ Prairie | ■ Richland    | ■ Roosevelt | ■ Rosebud   | ■ Sheridan      | ■ Stillwater |
| ■ Sweetgrass   | ■ Teton   | ■ Toole       | ■ Valley    | ■ Wibaux    | ■ Yellowstone   |              |