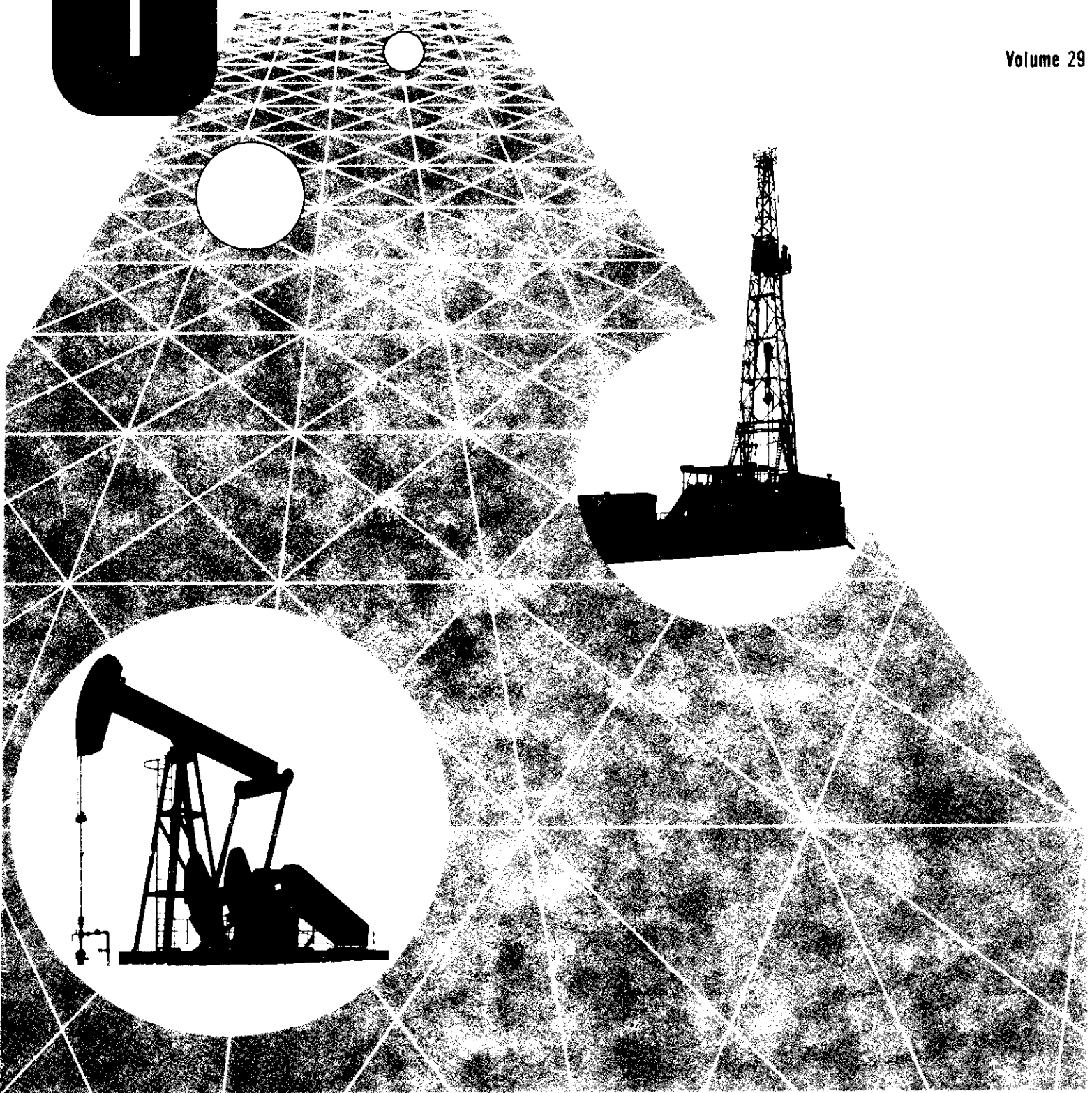


MONTANA

# OIL & GAS

Annual  
Review  
1985

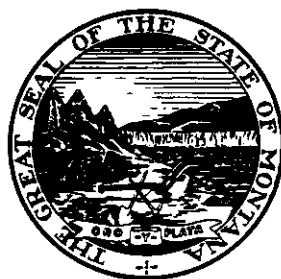
Volume 29



DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
OF THE STATE OF MONTANA

# Oil and Gas Conservation Division

Ted Schwinden, Governor



ANNUAL REVIEW FOR THE YEAR 1985  
Relating to  
**OIL AND GAS**  
Volume 29

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## Annual Review for the Year 1985 Volume 29 ACTIVITY REVIEW—MONTANA 1985

In 1985, a total of 622 wells were drilled for oil and gas. This was 159 wells less than last year; however, this is an increase of 99 wells over 1983's 12-year low. Of 210 wildcats drilled, 16 were completed as oil and 2 as gas producers. Of 412 development wells, 227 were oil and 84 were gas completions.

Oil production slightly decreased this year to 29.85 million barrels as compared to 30.1 million barrels for 1984. Natural gas production at nearly 54 billion cubic feet continues to show a yearly increase and was up by 855 million cubic feet over 1984's withdrawals.

There were 154 companies active in Montana during the year, drilling in 41 of the 56 counties, and 28 geophysical companies, 10 less than last year, had seismic crews operating in the state.

Prospects are continually being defined for future drilling as evidenced by the increasing number of industry personnel studying and evaluating the data available at the Board's technical library in the Billings office, and the full cores taken from Montana wells that are stored at the USGS Core Library in Arvada, Colorado.

Well samples, including core chips, from more than 11,400 wells are presently on file in the Billings office. To facilitate research and retrieval a catalogue will be published in 1986 listing all well samples available as of July 1, 1986. Newer well samples and core chips will continue to be boxed, indexed and filed on a current basis. Examination of these samples must take place in the Billings office.

A total of 114 applications for determination to qualify for a maximum lawful price as prescribed by the Natural Gas Policy Act of 1978 (NGPA) were received and processed during 1985. Total applications by category included: 27 for new onshore well—2.5 mile test (Category 102-2); 8 for new onshore reservoir (Category 102-4); 59 for new onshore production well (Category 103); and 20 for stripper well (Category 108).

The Board of Oil and Gas Conservation issued 90 Board Orders in 1985. The greater portion of these orders pertained to drilling and spacing units, pooling of interests, establishing field delineations and field spacing rules, exceptions to spacing rules, and the inclusion of shallower and deeper pay zones into existing field rules.

**1985  
SUMMARY OF YEAR ACTIVITIES**

**OIL**

	<b>BBLS</b>	<b>BBLS OF OIL PER DAY</b>
Oil Produced .....	29,850,417	81,782
Oil Imported From:		
Canada .....	16,075,484	
North Dakota .....	10,400	
Wyoming .....	<u>17,258,434</u>	
Total .....	33,344,318	91,354
Oil Exported .....	22,000,000	60,274

**GAS**

	<b>MCF</b>	<b>MCF/DAY</b>
Gas Withdrawals:		
Natural .....	41,815,776	
Associated .....	<u>12,335,365</u>	
Total .....	54,151,141	148,359
Gas Imported From:		
Canada .....	8,042,186	
Dakotas .....	29,355,846	
Wyoming .....	<u>8,738, 417</u>	
Total .....	46,136,449	126,401
Gas Exported To:		
Canada .....	178,358	
Dakotas .....	7,904,200	
Wyoming .....	14,535,928	
Midwest .....	<u>11,808,587</u>	
Total .....	34,427,073	94,321

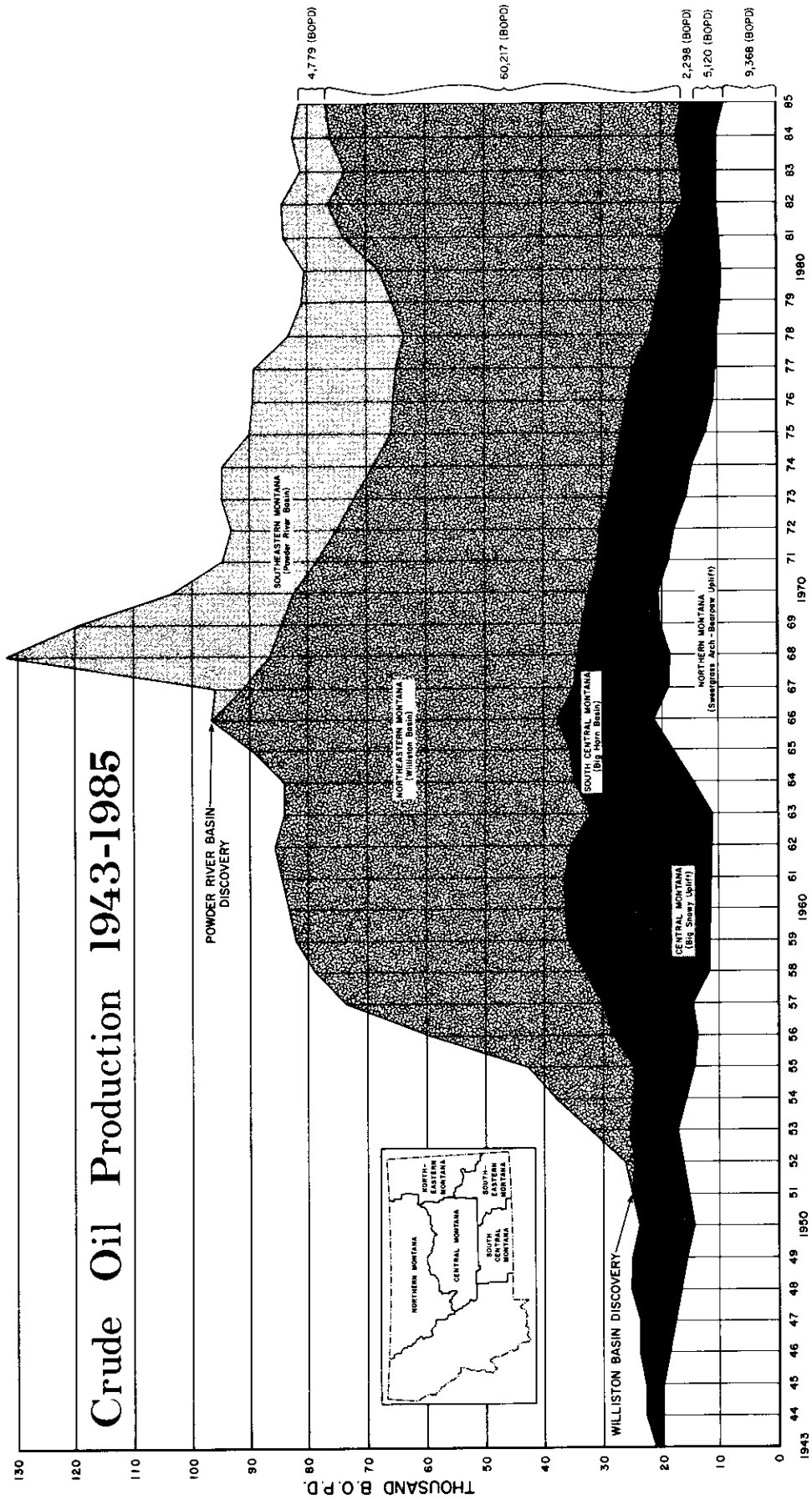
## FIVE YEAR SUMMARY

	1981	1982	1983	1984	1985
<b>PRODUCTION IN BARRELS</b>					
Northern Montana .....	3,605,207	3,680,043	3,682,130	3,708,185	3,419,300
South Central .....	910,595	806,366	790,150	829,090	838,817
Central .....	2,583,690	1,496,895	1,467,855	1,709,653	1,868,780
Williston Basin .....	19,954,159	21,934,760	20,877,527	21,449,415	21,979,087
Powder River Basin .....	3,759,760	2,999,247	2,847,618	2,383,476	1,744,433
TOTAL .....	<u>30,813,411</u>	<u>30,917,311</u>	<u>29,665,280</u>	<u>30,079,819</u>	<u>29,850,417</u>
<b>NUMBER OF PRODUCING WELLS</b>					
Northern Montana .....	2,280	2,455	2,693	2,610	2,803
South Central .....	132	138	150	144	141
Central .....	354	249	287	294	417
Williston Basin .....	1,080	1,360	1,446	1,577	1,540
Powder River Basin .....	174	212	222	214	216
TOTAL .....	<u>4,020</u>	<u>4,414</u>	<u>4,798</u>	<u>4,839</u>	<u>5,117</u>
<b>AVERAGE DAILY PRODUCTION/WELL</b>					
Northern Montana .....	4.3	4.1	3.7	3.9	3.3
South Central .....	18.9	16.0	14.4	15.8	16.3
Central .....	20.0	16.5	14.0	15.9	12.3
Williston Basin .....	50.6	44.2	39.6	37.9	39.1
Powder River Basin .....	59.2	38.8	35.1	30.4	22.1
STATE AVERAGE .....	<u>21.0</u>	<u>19.2</u>	<u>16.9</u>	<u>17.0</u>	<u>16.0</u>
<b>DEVELOPMENT WELLS DRILLED</b>					
Oil Wells .....	276	263	160	327	227
Gas Wells .....	133	145	55	99	84
Dry Holes .....	188	120	88	87	90
Service Wells .....		19	10	20	18
TOTAL .....	<u>597</u>	<u>547</u>	<u>313</u>	<u>533</u>	<u>419</u>
<b>EXPLORATORY WELLS DRILLED</b>					
Oil Wells .....	126	64	25	33	16
Gas Wells .....	85	46	16	21	2
Dry Holes .....	341	248	156	189	192
Temporary Abandoned .....			23	25	11
TOTAL .....	<u>552</u>	<u>358</u>	<u>220</u>	<u>268</u>	<u>221</u>
TOTAL WELLS DRILLED .....	1,149	905	533	801	640
TOTAL FOOTAGE DRILLED .....	5,797,770	4,342,410	2,529,666	3,831,730	3,076,290
AVERAGE FOOTAGE DRILLED .....	5,046	4,798	4,746	4,783	4,806

# STATE OF MONTANA SUMMARY OF DRILLING BY COUNTIES—1985

County	Development			Wildcat			Temp. Aband.	Total Wells	Footage Drilled	Average Depth
	Oil	Gas	Dry	Oil	Gas	Dry				
Big Horn						1		1	9,499	9,499
Blaine		15	9	1		3		28	50,519	1,804
Carbon		5	1			4		10	52,848	5,284
Carter					1	3		4	16,657	4,164
Cascade			1					1	2,374	2,374
Chouteau			1					4	7,072	1,768
Daniels				1		5	1	7	55,808	7,972
Dawson			1			1	1	3	33,957	11,319
Deer Lodge						1		1	6,701	6,701
Fallon	42	4	2				14	63	424,461	6,737
Fergus		1	6			1		8	19,416	2,427
Flathead						1		1	3,500	3,500
Gallatin						1		1	11,586	11,586
Garfield	5		6			7	1	19	97,787	5,146
Glacier	27	6	1			1		37	115,888	3,132
Golden Valley	1							2	4,707	2,353
Granite						2		2	4,192	2,096
Hill		17	8			4		29	43,905	1,513
Judith Basin						1		1	2,300	2,300
Lewis and Clark						1		1	13,225	13,225
Liberty		1	2					3	9,683	3,227
McCone						11		11	80,863	7,351
Musselshell	3		7			14	1	25	109,347	4,373
Petroleum	8		5			7	2	23	88,612	3,852
Phillips		3						3	4,424	1,474
Pondera	14	3	3			1		21	45,635	2,173
Powder River			3			41		44	316,205	7,186
Powell						1		1	7,134	7,134
Prairie						1		1	8,105	8,105
Richland	7		1			10		19	214,555	11,292
Roosevelt	5		2			11		21	206,183	9,818
Rosebud	1		2			12		15	83,596	5,573
Sheridan	11		5			11	1	30	296,231	9,874
Stillwater		1				8		9	37,315	4,146
Sweetgrass						1		1	2,871	2,871
Teton	10	3	1			1		15	33,729	2,248
Toole	66	23	16		1	6	1	117	201,231	1,719
Treasure						2		2	13,428	6,714
Valley	19	2	5			10	1	40	233,262	5,831
Wibaux	4					1	1	6	55,844	9,307
Yellowstone	4		2			3		10	51,638	5,163
<b>TOTALS</b>	<b>227</b>	<b>84</b>	<b>90</b>	<b>16</b>	<b>2</b>	<b>192</b>	<b>18</b>	<b>640</b>	<b>3,076,290</b>	<b>4,806</b>

# Crude Oil Production 1943-1985





**GAS PRODUCTION DATA—1985**  
**14.73 PSIA @ 60° F**

Field Natural Gas	County	Producing Formation	1985 Produced MCF
Alma . . . . .	Liberty . . . . .	Bow Island . . . . .	6,539
Amanda . . . . .	Toole . . . . .	Swift, Bow Island, Sunburst . . . . .	344,112
Antelope Coulee . . . . .	Toole . . . . .	Blackleaf . . . . .	2,080
Arch Apex . . . . .	Toole . . . . .	Bow Island, Sunburst, Swift . . . . .	230,142
Badlands . . . . .	Hill . . . . .	Eagle . . . . .	367,729
Battle Creek . . . . .	Blaine . . . . .	Eagle . . . . .	2,530,701
Bears Den . . . . .	Liberty . . . . .	Madison, Bow Island, Swift . . . . .	52,563
Bell Creek, Southeast . . . . .	Powder River . . . . .	Muddy . . . . .	80,691
Big Coulee . . . . .	Golden Valley, Stillwater . . . . .	Lakota, Morrison, Cat Creek 3 . . . . .	543,159
Big Rock . . . . .	Glacier . . . . .	Blackleaf, Bow Island, Madison . . . . .	907,574
Bills Coulee . . . . .	Teton . . . . .	Sunburst, Moulton, Kootenai, Dakota . . . . .	43,738
Black Butte . . . . .	Hill . . . . .	Eagle . . . . .	224,583
Black Coulee . . . . .	Blaine . . . . .	Eagle . . . . .	205,987
Blackfoot . . . . .	Glacier . . . . .	Dakota, Sunburst . . . . .	149,933
Blackjack . . . . .	Liberty . . . . .	Second White Specks, Sunburst, Blackleaf, Bow Island . . . . .	156,177
Blackleaf Canyon . . . . .	Teton . . . . .	Sun River . . . . .	1,446,673
Border . . . . .	Toole . . . . .	Sunburst . . . . .	7,904
Bowdoin and Area . . . . .	Phillips, Valley . . . . .	Bowdoin, Phillips, Carlile-Greenhorn . . . . .	3,083,574
Bowes . . . . .	Blaine . . . . .	Eagle . . . . .	525,835
Bradley . . . . .	Glacier . . . . .	Dakota . . . . .	5,220
Browns Coulee, East . . . . .	Hill . . . . .	Eagle, Judith River . . . . .	71,659
Buffalo Flats . . . . .	Chouteau . . . . .	Bow Island, Bow Island-Roberts . . . . .	52,501
Bullwacker and Area . . . . .	Blaine, Chouteau . . . . .	Eagle . . . . .	905,995
Camp Creek . . . . .	Chouteau . . . . .	Eagle . . . . .	13,518
Canadian Coulee and Area . . . . .	Hill . . . . .	Sawtooth . . . . .	862
Canadian Coulee, North . . . . .	Hill, Liberty . . . . .	Sawtooth . . . . .	86,401
Cedar Creek . . . . .	Fallon . . . . .	Judith River, Eagle . . . . .	165,835
Chain Lakes . . . . .	Hill . . . . .	Eagle . . . . .	8,626
Charlie Creek, North . . . . .	Richland . . . . .	Red River . . . . .	51,153
Chinook, East . . . . .	Blaine . . . . .	Eagle . . . . .	7,606
Chip Creek . . . . .	Chouteau . . . . .	Eagle . . . . .	10,380
Clarks Fork . . . . .	Carbon . . . . .	Greybull . . . . .	18,717
Coal Coulee . . . . .	Hill . . . . .	Eagle . . . . .	5,344
Cut Bank . . . . .	Glacier, Toole . . . . .	Cut Bank, Blackleaf, Moulton, Sunburst Bow Island . . . . .	3,429,383
Dean Dome . . . . .	Stillwater . . . . .	Greybull . . . . .	5,510
Devon, South . . . . .	Toole . . . . .	Bow Island . . . . .	27,877
Dry Creek . . . . .	Carbon . . . . .	Virgelle, Frontier, Judith River, Greybull . . . . .	967,684
Dry Creek, Middle . . . . .	Carbon . . . . .	Frontier . . . . .	21,966
Dunkirk . . . . .	Toole . . . . .	Dakota, Bow Island . . . . .	220,699
Dunkirk, North . . . . .	Toole . . . . .	Bow Island, Sunburst, Dakota, Kootenai . . . . .	306,864
Eagle Springs . . . . .	Toole . . . . .	Bow Island, Sunburst, Swift . . . . .	37,397
Ethridge Area . . . . .	Toole . . . . .	Swift . . . . .	56,388
Ethridge, North . . . . .	Toole . . . . .	Swift . . . . .	6,150
Fitzpatrick Lake . . . . .	Toole . . . . .	Bow Island . . . . .	193,203
Flat Coulee . . . . .	Liberty . . . . .	Sawtooth, Bow Island, Dakota, Swift, Blackleaf . . . . .	86,864
Fort Conrad . . . . .	Toole, Pondera . . . . .	Bow Island . . . . .	231,645
Fred and George Creek . . . . .	Toole . . . . .	Sunburst, Bow Island . . . . .	56,879
Fresno and Area . . . . .	Hill . . . . .	Eagle . . . . .	44,460
Galata . . . . .	Toole . . . . .	Bow Island . . . . .	83,551
Gilford, North . . . . .	Hill . . . . .	Sawtooth . . . . .	13,274
Gold Butte . . . . .	Toole . . . . .	Bow Island . . . . .	3,550
Golden Dome . . . . .	Carbon . . . . .	Greybull, Frontier . . . . .	141,763
Grandview . . . . .	Liberty . . . . .	Bow Island, Sawtooth . . . . .	34,333
Gypsy Basin . . . . .	Pondera . . . . .	Sunburst, Madison, Sawtooth, Swift, Moulton . . . . .	1,277
Hammond . . . . .	Carter . . . . .	Muddy . . . . .	35,980
Hardin . . . . .	Big Horn . . . . .	Frontier . . . . .	13,972
Hardpan and Area . . . . .	Pondera, Chouteau . . . . .	Bow Island . . . . .	196,696
Havre . . . . .	Hill, Blaine . . . . .	Eagle . . . . .	325,287
Haystack Butte . . . . .	Liberty . . . . .	Bow Island . . . . .	38,164
Keith, East . . . . .	Liberty . . . . .	Second White Specks, Sawtooth, Bow Island . . . . .	925,092
Keith Area . . . . .	Liberty . . . . .	Second White Specks, Sawtooth, Bow Island . . . . .	57,728

**GAS PRODUCTION DATA—1985 (CONTINUED)**

**14.73 PSIA @ 60° F**

<b>Field</b>	<b>County</b>	<b>Producing Formation</b>	<b>1985 Produced MCF</b>
Kevin-Sunburst	Toole	Dakota, Eagle, Madison, Swift, Nisku, Bow Island, Sunburst, Kootenai	1,010,196
Kevin-Sunburst Nisku	Toole	Swift	39,406
Kevin, Southwest	Toole	Bow Island, Sunburst, Swift	218,811
Kicking Horse	Toole	Bow Island, Sunburst, Sawtooth	147,362
Kinyon Coulee Area	Toole	Bow Island	30,951
Kinyon Coulee, South	Toole	Bow Island	2,258
Lake Basin	Stillwater	Claggett, Eagle-Virgelle, Telegraph Creek, Frontier, Eagle	224,771
Lake Basin, North	Stillwater	Eagle	25,690
Laredo	Hill	Eagle	24,182
Ledger	Pondera	Bow Island	362,167
Leroy	Blaine	Eagle	790,864
Liscom Creek	Custer	Shannon	68,291
Little Creek Area	Chouteau	Eagle-Virgelle	46,162
Little Rock	Glacier	Bow Island, Blackleaf	90,233
Lohman and Area	Blaine	Eagle	203,584
Loring, East	Phillips	Phillips, Bowdoin, Carlile-Greenhorn	1,796,764
Marias River	Toole, Pondera	Bow Island	85,317
Middle Butte	Toole, Liberty	Bow Island, Dakota, Second White Specks	36,452
Miners Coulee	Toole	Sunburst, Bow Island, Sawtooth	187,022
Mount Lily	Liberty	Madison, Swift, Bow Island	37,151
O'Briens Coulee	Liberty	Bow Island, Second White Specks, Blackleaf, Greenhorn	256,992
Old Shelby	Toole	Bow Island, Sunburst, Swift	280,981
Phantom	Toole	Sunburst	24,406
Phantom, West	Toole	Sunburst	118,997
Police Coulee	Toole	Bow Island	39,415
Prairie Dell	Toole	Bow Island, Swift, Dakota, Sunburst	785,096
Prairie Dell, West	Toole	Sunburst, Swift	30,326
Rapelje	Stillwater	Eagle, Eagle-Virgelle, Claggett	78,108
Rattlesnake Coulee	Toole	Bow Island, Sunburst	3,113
Red Rock Area	Hill	Eagle, Judith River	100,981
Rocky Boy	Hill	Eagle	61,418
Rudyard	Hill	Sawtooth, Eagle	196,098
Sage Creek	Liberty	Blackleaf, Second White Specks, Bow Island	267,933
Sandwich	Liberty	Swift	1,958
Sawtooth Mountain	Blaine	Judith River, Eagle	670,396
Shelby Area	Toole	Sunburst	18,843
Sherard and Area	Blaine, Chouteau	Eagle	530,672
Snoose Coulee	Liberty	Bow Island	36,923
Soberup Coulee	Pondera	Bow Island	2,752
Spring Coulee	Hill	Sawtooth	269,717
Strawberry Creek	Toole	Bow Island	1,946
Swanson Creek	Phillips, Valley	Phillips, Bow Island, Greenhorn	744,403
Sweetgrass	Toole	Sunburst	2,338
Three Mile	Blaine	Eagle	311,080
Tiber and Area	Toole	Bow Island	197,394
Tiger Ridge and Area	Blaine, Hill	Eagle	9,997,022
Tiger Ridge, North	Blaine	Eagle	2,180
Trail Creek	Liberty, Toole	Bow Island, Sunburst, Swift	167,748
Two Forks	Blaine	Judith River, Eagle	332
Utopia	Liberty	Sawtooth, Bow Island, Swift	95,206
Vandalia	Valley	Carlile-Greenhorn, Bowdoin, Phillips	57,591
West Butte	Toole	Bow Island, Sunburst, Swift	21,076
West Butte Shallow Gas	Toole	Bow Island, Dakota	31,109
Whitewater, East	Phillips	Bowdoin, Phillips, Greenhorn	201,961
Whitlash	Liberty	Dakota, Swift, Bow Island	428,101
Whitelash, West	Toole	Sunburst, Bow Island, Swift	21,334
Williams	Pondera	Bow Island	179,815
Willow Ridge	Toole	Bow Island, Swift, Dakota, Duperow, Sunburst	260,426
Wildcat Pondera			2,563
Wildcat Toole			12,245

**SUBTOTAL NATURAL GAS**

**41,815,776**

**ASSOCIATED PRODUCED  
GAS PRODUCTION DATA—1985**

**1985  
Produced  
MCF**

Field Associated Gas	County	Producing Formation	1985 Produced MCF
Alkali Coulee	Sheridan	Red River	825
Anvil	Roosevelt	Nisku, Ratcliffe, Red River	394,389
Bainville	Roosevelt	Red River, Gunton, Interlake	51,504
Bainville, North	Roosevelt	Ratcliffe, Red River, Winnipegosis	105,591
Bainville, West	Roosevelt	Red River, Madison	20,772
Bainville II	Roosevelt	Red River	54,794
Belfry	Carbon	Kootenai	7,965
Bell Creek	Carter, Powder River	Muddy	3,309
Benrud Area	Roosevelt	Nisku, Madison	13,134
Benrud, East	Roosevelt	Nisku	10,007
Benrud, Northeast	Roosevelt	Nisku	4,327
Big Muddy Creek	Roosevelt	Mission Canyon, Red River	27,290
Bloomfield	Dawson	Interlake, Dawson Bay, Red River	49,207
Blue Hill	Richland	Red River	5,645
Blue Mountain	Wibaux	Red River	18,104
Box Canyon	Richland	Red River	24,674
Breed Creek	Rosebud	Tyler	1,392
Brorson	Richland	Mission Canyon, Madison, Red River, Bakken, Ratcliffe	77,217
Brorson, South	Richland	Red River, Ratcliffe, Mission Canyon	71,244
Brush Lake	Sheridan	Red River	57,819
Burns Creek	Dawson, Richland	Duperow, Red River	5,393
Cabin Creek	Fallon	Madison, Siluro-Ord, Red River	603,520
Canal	Richland	Madison, Red River, Mission Canyon	66,015
Cannon Ball	Fallon	Red River	4,199
Carlyle	Wibaux	Siluro-Ord	10,927
Charlie Creek	Richland	Nisku, Duperow	4,982
Charlie Creek, East	Richland	Red River	25,112
Charlie Creek, North	Richland	Bakken, Madison	2,728
Clear Lake	Sheridan	Madison, Nisku, Red River, Ratcliffe	133,832
Clear Lake, South	Sheridan	Red River	28,350
Colored Canyon	Sheridan	Red River	67,590
Comertown	Sheridan	Nisku, Ratcliffe, Red River	90,380
Comertown, South	Sheridan	Nisku, Red River	22,464
Corner Pocket	Richland	Red River	9,123
Cottonwood	Richland	Red River	32,578
Crane	Richland	Devonian, Siluro-Ord	139,462
Cuption	Fallon	Red River	32,949
Cuption Area	Fallon	Red River	1,028
Cut Bank	Pondera, Glacier, Toole	Madison, Moulton	45,361
Dagmar	Sheridan	Red River	52,251
Dagmar, North	Sheridan	Red River, Madison	7,676
Deer Creek	Dawson	Interlake	2,010
Diamond Point	Roosevelt	Red River	59,751
Divide	Sheridan	Madison, Mission Canyon, Ratcliffe	49,822
Dry Creek	Carbon	Greybull, Virgelle, Eagle	112,365
Dwyer	Sheridan	Charles, Ratcliffe, Red River, Interlake	148,054
Eagle	Richland	Mission Canyon, Madison, Red River, Duperow, Ratcliffe, Devonian	98,660
Elk Basin	Carbon	Madison, Tensleep	441,887
Enid, North	Richland	Red River, Bakken	34,954
Fairview	Richland	Mission Canyon, Interlake, Madison, Red River, Ratcliffe	393,283
Fairview, East	Richland	Red River	35,962
Fairview, West	Richland	Ratcliffe	10,318
Fertile Prairie	Fallon	Red River	12,136
Fishhook	Sheridan	Red River, Madison	73,421
Flat Coulee (Swift SU)	Liberty	Swift	11,841
Flat Lake	Sheridan	Nisku, Ratcliffe	96,935
Flat Lake, East	Sheridan	Red River	3,562
Flat Lake, South	Sheridan	Ratcliffe	3,455

**ASSOCIATED PRODUCED  
GAS PRODUCTION DATA—1985 (CONTINUED)**

Field	County	Producing Formation	1985 Produced MCF
Flaxville	Daniels	Mission Canyon	5,463
Fort Gilbert	Richland	Madison, Red River, Mission Canyon, Duperow	124,674
Four Mile Creek	Richland	Red River	10,273
Fox Creek	Richland	Stonewall, Red River	5,579
Fox Creek, North	Richland	Madison	261
Frannie	Carbon	Tensleep	70
Frog Coulee	Richland	Red River	1,811
Froid, South	Roosevelt	Red River	4,323
Gas City	Dawson	Red River, Madison, Siluro-Ord	9,957
Girard	Richland	Red River	33,324
Glendive	Dawson	Siluro-Ord, Red River, Interlake	15,192
Golden Dome	Carbon	Greybull	42,044
Goose Lake	Sheridan	Ratcliffe, Red River	62,957
Goose Lake, West	Sheridan	Red River	25,790
Gossett	Richland	Mission Canyon, Stoney Mountain, Red River, Madison	21,342
Gumbo Ridge	Rosebud	Tyler	1,147
Gypsy Basin	Pondera, Teton	Madison	472
Hardscable Creek	Richland	Red River	10,342
Hay Creek	Richland	Interlake, Mission Canyon, Red River	25,906
Hiawatha	Musselshell	Tyler, Stensvad	1,726
High Five	Rosebud	Stensvad	6,861
Highview	Teton, Pondera	Mississippian, Madison	2,777
Honker	Sheridan	Red River	12,718
Intake II	Richland	Red River, Madison, Mission Canyon	106,346
Jim Coulee	Musselshell	Tyler	5,998
Jim Coulee, North	Musselshell	Tyler	367
Katy Lake	Sheridan	Red River	13,692
Katy Lake, North	Sheridan	Red River, Mission Canyon, Nesson	228,520
Keg Coulee	Musselshell	Tyler	89
Kelley Unit	Musselshell	Tyler	2,210
Kevin-Sunburst	Toole	Madison, Nisku	356,185
Kevin, East Nisku Oil	Toole	Nisku	33,952
Kincheloe Ranch, West	Rosebud	Tyler	17,276
Laird Creek	Liberty	Swift	767
Lambert	Richland	Red River	50,288
Lambert, North	Richland	Red River	29
Landslide Butte	Glacier	Madison	96,322
Leary	Powder River	Muddy	24,644
Little Beaver	Fallon	Red River, Siluro-Ord	33,725
Little Beaver, East	Fallon	Red River	30,064
Little Wall Creek	Musselshell	Tyler, Lower Tyler, Stensvad	19,906
Little Wall Creek, South	Musselshell	Tyler	40,023
Lone Butte	Richland	Red River	27,320
Lonetree Creek	Richland	Red River	135,158
Lookout Butte	Fallon	Siluro-Ord, Madison	95,891
Lowell	Sheridan	Red River	11,224
Lustre	Valley	Madison, Charles, Mission Canyon, Ratcliffe	137,723
Mason Lake	Musselshell	Amsden	4,607
McCabe	Roosevelt	Ratcliffe	24,655
McCabe, East	Roosevelt	Winnipegosis	7,139
McCabe, West	Roosevelt	Red River	14,270
McCoy Creek	Sheridan	Red River	9,611
Medicine Lake	Sheridan	Winnipegosis, Red River, Gunton, Mission Canyon, Interlake	237,175
Melstone	Musselshell	Tyler	69,981
Miner's Coulee	Toole	Sunburst, Bow Island	509
Missouri Breaks	Richland	Red River	21,807
Mona	Richland	Red River	478,916
Monarch	Fallon	Siluro-Ord, Red River	13,116
Mondak, West	Richland	Devonian, Madison, Red River, Mission Canyon, Ratcliffe, Siluro-Ord, Stoney Mountain	6,672

**ASSOCIATED PRODUCED  
GAS PRODUCTION DATA—1985 (CONTINUED)**

Field	County	Producing Formation	1985 Produced MCF
Mustang	Richland	Red River	44,570
Neisser Creek	Sheridan	Red River	28,816
Ninemile	Toole	Nisku	5,560
Nohly	Richland	Red River, Nisku, Ratcliffe	332,160
Nohly, South	Richland	Red River	48,850
North Fork	Richland	Madison, Red River, Mission Canyon	39,807
Olje	Sheridan	Red River	7,219
Ollie	Fallon	Duperow, Red River	2,120
Otis Creek	Richland	Red River	19,287
Otis Creek, South	Richland	Red River	36,755
Outlook	Sheridan	Duperow, Siluro-Ord, Winnipegosis, Nisku, Interlake	35,787
Outlook, West	Sheridan	Winnipegosis	2,160
Oxbow	Roosevelt	Winnipegosis, Red River	28,988
Oxbow II	Roosevelt	Red River	4,857
Palomino	Roosevelt	Nisku	3,216
Pelican	Sheridan	Red River	14,355
Pennel	Fallon	Stoney Mountain, Siluro-Ord, Red River	717,049
Pine	Fallon, Wibaux, Prairie, Dawson	Red River, Siluro-Ord, Stoney Mountain, Madison	358,947
Plentywood	Sheridan	Red River	823
Poplar, East	Roosevelt	Charles, Nisku	47,600
Poplar, Northwest	Roosevelt	Charles C, Madison	303,320
Prichard Creek	Toole	Sunburst	937
Pronghorn	Sheridan	Red River	43,720
Putnam	Richland	Bakken, Madison, Red River	75,690
Rainbow	Richland	Red River	15,602
Rattler Butte	Rosebud	Tyler	860
Raymond	Sheridan	Mississippian, Red River, Devonian, Winnipegosis, Nisku	265,094
Raymond, North	Sheridan	Red River	7,436
Reagan	Glacier	Madison	378,540
Red Bank	Roosevelt	Ratcliffe, Red River, Midale, Mission Canyon	35,945
Red Bank, South	Roosevelt	Red River	44,422
Red Creek Unit	Glacier	Cut Bank, Madison	52,810
Red Fox	Roosevelt	Nisku	271
Red Water	Richland	Duperow	57,519
Red Water, East	Richland	Red River	20,762
Redstone	Sheridan	Winnipegosis	1,327
Refuge	Sheridan	Red River	15,063
Reserve	Sheridan	Red River, Winnipegosis	26,257
Richey, Southwest	McCone	Interlake	2,001
Ridgelawn	Richland	Madison, Red River, Ratcliffe, Duperow Mission Canyon	526,797
River Bend	Richland	Red River	42,654
Rocky Point	Roosevelt	Red River	121,433
Rosebud	Rosebud	Tyler	1,384
Royals	Dawson	Dawson Bay	103,182
Rush Mountain	Sheridan	Red River, Gunton	28,149
Sand Creek	Dawson	Interlake	6,502
Saturn	Daniels	Ratcliffe	1,919
Second Creek	Richland	Red River	30,475
Shotgun Creek	Roosevelt	Red River, Ratcliffe	24,764
Sidney	Richland	Madison, Red River, Mission Canyon, Ratcliffe	135,696
Sidney, East	Richland	Madison	36,035
Singletree	Roosevelt	Winnipegosis	66,884
Sioux Pass	Richland	Red River, Mission Canyon	84,460
Sioux Pass, East	Richland	Red River	1,617
Sioux Pass, Middle	Richland	Red River	70,747
Sioux Pass, North	Richland	Nisku, Madison, Ratcliffe, Mission Canyon, Red River	245,505

**ASSOCIATED PRODUCED  
GAS PRODUCTION DATA—1985 (CONTINUED)**

Field	County	Producing Formation	1985 Produced MCF
Sioux Pass, South	Richland	Red River	30,650
South Fork	Richland	Red River	26,455
Spring Lake	Richland	Bakken, Red River	17,365
Spring Lake, South	Richland	Red River	32,717
Spring Lake, West	Richland	Bakken	1,875
Stampede	Richland	Red River, Duperow	51,553
Studhorse	Garfield	Stensvad	2,118
Sumatra	Rosebud	Tyler	8,199
Sunny Hill	Sheridan	Madison, Red River	3,306
Sunny Hill, West	Sheridan	Red River	29,274
Three Buttes	Richland	Gunton, Red River	37,401
Tippy Buttes	Musselshell	Tyler	2,639
Tule Creek	Roosevelt	Nisku, Devonian	47,118
Tule Creek, East	Roosevelt	Nisku	8,183
Tule Creek, South	Roosevelt	Dakota, Nisku	3,642
Two Waters	Richland	Bakken	3,098
Vaux	Richland	Ratcliffe, Madison, Interlake, Mission Canyon, Red River, Stonewall, Midale	199,830
Wagon Trail	Musselshell	Red River	1,546
Wakea	Sheridan	Red River, Interlake, Winnipegosis	146,606
Weed Creek	Yellowstone	Amsden	688
Whitlash	Liberty	Swift, Sunburst	82,977
Wills Creek, South	Fallon	Siluro-Ord	4,888
Wolf Springs	Yellowstone	Amsden	17,185
Woodrow	Dawson	Interlake, Charles C	2,250
Wrangler	Sheridan	Red River	34,238
Wrangler, North	Sheridan	Red River	8,484
Wright Creek	Powder River	Muddy	2,743
Wildcat	Daniels		419
Wildcat	Fallon		1,595
Wildcat	Richland		9,559
Wildcat	Roosevelt		30,681
Wildcat	Sheridan		18,705
Wildcat	Toole		57,942
<b>SUBTOTAL ASSOCIATED GAS PRODUCED</b>			<b>12,335,365</b>
<b>SUBTOTAL NATURAL GAS PRODUCED</b>			<b>41,815,776</b>
<b>TOTAL GAS</b>			<b>54,151,141</b>

**NATURAL GAS IMPORTED MMCF**

Canada	8,042
Dakotas	29,356
Wyoming	<u>8,738</u>
	46,136

**NATURAL GAS EXPORTED MMCF**

Canada	178
Dakotas	7,904
Wyoming	14,536
Midwest	<u>11,809</u>
	34,427

## REFINERS' YEARLY TOTAL—1985

COMPANY	BEGINNING STORAGE	MONTANA OIL	N. DAKOTA OIL	WYOMING OIL	CANADA OIL	REFINED	ENDING STORAGE
CONTINENTAL OIL CO.	154,318	1,810,358	—	4,720,996	8,642,200	15,183,486	144,383
EXXON COMPANY	270,915	1,126,782	—	10,202,781	1,603,757	13,029,877	174,358
FARMERS UNION	247,506	1,918,112	—	2,334,657	5,829,527	10,111,854	208,978
FLYING J OIL	5,614	—	—	—	—	—	5,614
KENCO REFINING	9,491	863,143	10,400	—	—	885,696	—
MONTANA REFINING CO.	6,796	2,085,993	—	—	—	2,085,172	7,617
<b>TOTALS</b>	<b>694,640</b>	<b>7,804,388</b>	<b>10,400</b>	<b>17,258,434</b>	<b>16,075,484</b>	<b>41,296,085</b>	<b>540,950</b>

## PERCENTAGE OF CRUDE OIL REFINED

YEAR	MONTANA	CANADA	N. DAKOTA	WYOMING
1981	22.40	30.40	.04	47.16
1982	21.40	36.47	.00	42.13
1983	16.98	37.16	.11	45.75
1984	18.21	33.80	.13	47.86
1985	18.97	39.06	.03	41.94

## AVERAGE BARRELS PER DAY

YEAR	MONTANA	CANADA	N. DAKOTA	WYOMING	TOTAL
1981	23,812	32,320	40	50,133	106,305
1982	24,763	42,198	—	48,749	115,710
1983	19,507	42,696	124	52,555	114,882
1984	21,369	39,662	151	56,153	117,335
1985	21,382	44,043	28	47,283	112,736

## REFINING FIVE YEAR COMPARISON

1981	1982	1983	1984	1985
38,801,346	42,234,413	41,932,061	42,944,663	41,296,085

**BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**  
**STATEMENT OF CRUDE OIL PRODUCTION AND VALUATION—ALL MONTANA FIELDS**

**YEAR 1985 AND ACCUMULATED TOTALS FROM DISCOVERY DATE**

FIELD	COUNTY	PRODUCTION YEAR 1985			CUMULATIVE TO DECEMBER 31, 1985	
		BARRELS	VALUE	AVERAGE PRICE*	BARRELS	VALUE
Alkali Coulee	Sheridan	460	11,509	25.02	19,546	635,465
Anvil	Roosevelt	431,933	11,070,442	25.63	2,179,521	61,518,697
Ash Creek	Big Horn	4,478	117,144	26.16	811,644	3,105,914
Bainville	Roosevelt	67,353	1,669,680	24.79	401,443	4,644,520
Bainville, North	Roosevelt	136,874	3,394,475	24.80	926,014	29,267,601
Bainville, West	Roosevelt	16,215	400,672	24.71	172,528	5,198,240
Bainville II	Roosevelt	131,922	3,253,196	24.66	246,558	6,778,122
Bannatyne	Teton	11,711	283,991	24.25	318,578	3,072,746
Bear's Den	Liberty	6,512	165,665	25.44	491,704	3,139,502
Belfry	Carbon	1,686	36,417	21.60	100,096	484,721
Bell Creek	Powder River	1,689,666	42,292,339	25.03	126,328,717	1,130,484,781
Benrud	Roosevelt	18,095	450,384	24.89	267,107	2,070,609
Benrud, East	Roosevelt	36,943	926,899	25.09	2,627,614	16,394,903
Benrud, Northeast	Roosevelt	10,178	254,755	25.03	950,582	4,081,346
Berthelote	Toole	558	11,450	20.52	56,831	292,826
Big Gully	Musselshell	2,417	62,116	25.70	97,370	1,446,588
Big Gully, North	Musselshell	2,694	69,235	25.70	23,893	535,154
Big Muddy Creek	Roosevelt	31,935	792,946	24.83	1,150,863	19,464,882
Big Rock	Glacier	3,949	104,332	26.42	7,883	219,442
Big Wall	Musselshell	66,187	1,737,408	26.25	7,364,837	32,793,893
Black Diamond	Wibaux	13,298	308,912	23.23	108,179	3,292,945
Blackfoot	Glacier	48,736	1,237,894	25.40	1,345,118	10,446,798
Blackleaf Canyon	Teton	7,953	172,500	21.69	28,890	772,111
Bloomfield	Dawson	68,348	1,671,792	24.46	195,244	5,116,418
Blue Hill	Richland	5,079	119,965	23.62	159,796	3,075,172
Blue Mountain	Wibaux	12,276	319,912	26.06	31,027	844,377
Border	Toole	2,255	55,022	24.40	1,379,878	4,595,674
Boulder	Richland	15,790	395,065	25.02	156,754	2,530,800
Bowes	Blaine	138,434	2,727,149	19.70	9,251,075	37,590,715
Box Canyon	Richland	26,065	681,339	26.14	169,662	5,587,913
Bradley	Glacier	2,896	68,316	23.59	243,549	1,540,577
Brady	Pondera	7,893	194,641	24.66	145,120	2,853,105
Breed Creek	Rosebud	106,627	2,653,946	24.89	926,149	20,018,230
Brorson-Madison	Richland	68,316	1,668,276	24.42	742,135	10,207,940
Brorson-Red River	Richland	35,374	870,554	24.61	2,098,249	13,285,224
Brorson, South	Richland	50,748	1,256,013	24.75	1,501,256	15,726,158
Brush Lake	Sheridan	79,873	2,096,666	26.25	2,309,135	20,824,264
Buffalo Flats	Chouteau	90	2,251	25.02	469	13,102
Burget, East	Roosevelt	24,470	587,280	24.00	112,255	3,253,301
Burns Creek	Dawson, Richland	5,781	144,062	24.92	234,697	2,799,319
Burns Creek, South	Richland	14,609	356,021	24.37	78,531	2,260,891
Cabin Creek	Fallon	1,787,953	46,021,910	25.74	85,490,462	470,253,198
Canadian Coulee	Hill	629	13,460	21.40	1,150	27,573
Canal	Richland	64,560	1,582,365	24.51	895,719	13,826,640
Cannonball	Fallon	3,977	99,464	25.01	53,183	1,774,363
Carlyle	Wibaux	19,081	479,696	25.14	248,076	5,932,282
Cat Creek	Petroleum, Garfield	63,272	1,621,028	25.62	23,317,462	66,410,180
Charlie Creek	Richland	16,983	413,875	24.37	575,459	10,386,071
Charlie Creek, East	Richland	35,202	916,660	26.04	248,358	8,070,931
Charlie Creek, North	Richland	5,025	122,358	24.35	36,753	1,079,133
Chelsea Creek	Roosevelt	23,146	579,112	25.02	38,367	726,822
Clark's Fork	Carbon	677	16,945	25.03	87,409	378,376
Clear Lake	Sheridan	195,913	5,038,882	25.72	1,692,869	43,216,430



PRODUCTION YEAR 1985

CUMULATIVE TO  
DECEMBER 31, 1985

FIELD	COUNTY	BARRELS	VALUE	AVERAGE PRICE*	BARRELS	VALUE
Clear Lake, South	Sheridan	50,635	1,295,243	25.58	69,074	1,814,669
Coal Ridge	Sheridan	211	5,319	25.21	21,019	772,283
Colored Canyon	Sheridan	75,125	1,951,747	25.98	650,204	17,695,102
Comertown	Sheridan	235,502	6,066,531	25.76	1,431,979	44,042,228
Comertown, South	Sheridan	81,846	2,059,245	25.16	100,060	2,583,626
Conrad, South	Pondera	1,589	42,585	26.80	144,345	904,070
Corner Pocket	Richland	8,451	197,668	23.39	13,264	332,287
Cottonwood	Richland	62,698	1,552,402	24.76	88,285	2,268,070
Cow Creek	McCone	2,802	66,743	23.82	126,702	1,288,507
Cow Creek, East	McCone	51,949	1,299,244	25.01	2,231,138	25,367,594
Crane	Richland	115,378	2,883,296	24.99	1,020,423	32,249,584
Crocker Springs, East	Pondera	137	3,340	24.38	1,408	40,828
Crooked Creek	Yellowstone	8,494	221,608	26.09	8,494	221,608
Cupton	Fallon	80,604	2,119,079	26.29	1,940,869	24,900,947
Cut Bank	Glacier, Toole	1,073,094	27,020,506	25.18	158,328,764	659,616,633
Dagmar	Sheridan	49,439	1,273,548	25.76	463,668	10,752,855
Dagmar, North	Sheridan	4,353	109,434	25.14	49,003	1,555,939
Deadman's Coulee	Roosevelt	29,962	749,349	25.01	252,115	7,875,944
Dean Dome	Stillwater	13,654	213,958	15.67	90,415	1,514,890
Deer Creek	Dawson	4,829	131,928	27.32	2,298,556	6,437,664
Delphia	Musselshell	3,152	79,304	25.16	317,788	1,416,126
Devil's Basin	Musselshell	867	21,163	24.41	101,852	1,571,786
Devil's Pocket	Golden Valley	13,867	321,991	23.22	21,641	534,298
Diamond Point	Roosevelt	67,191	1,543,377	22.97	557,563	13,188,300
Divide	Sheridan	149,265	3,600,271	24.12	1,186,812	35,002,071
Dry Creek	Carbon	7,609	192,203	25.26	4,126,855	9,712,398
Dry Creek, Middle	Carbon	217	5,351	24.66	447	12,021
Dugout Creek	Richland	230	5,664	24.63	66,740	2,205,099
Dutch John Coulee	Toole	36,477	963,357	26.41	36,477	963,357
Dwyer	Sheridan	302,722	7,740,601	25.57	7,347,811	53,982,390
Eagle	Richland	161,864	4,276,446	26.42	1,201,664	31,688,592
East Glacier	Glacier	841	21,403	25.45	19,402	630,252
Elk Basin	Carbon	680,582	17,327,617	25.46	79,930,890	314,262,948
Elk Basin, Northwest	Carbon	249	6,488	26.06	1,217,696	5,337,118
Enid, North	Richland	21,694	539,963	24.89	221,126	6,356,484
Fairview	Richland	262,912	6,635,898	25.24	7,556,032	70,263,326
Fairview, East	Richland	19,272	482,763	25.05	311,389	9,790,310
Fairview, West	Richland	25,070	611,958	24.41	129,907	3,847,761
Fertile Prairie	Fallon	28,882	743,711	25.75	600,402	5,950,722
Fiddler Creek	Stillwater	410	6,072	14.81	2,422	48,107
Fishhook	Sheridan	116,978	2,946,675	25.19	779,454	24,060,531
Flat Coulee	Liberty	142,505	3,740,756	26.25	4,261,555	43,651,630
Flat Lake	Sheridan	390,468	9,718,748	24.89	14,082,271	110,645,654
Flat Lake, East	Sheridan	6,816	167,809	24.62	9,337	245,541
Flat Lake, South	Sheridan	39,583	979,283	24.74	1,087,457	11,946,855
Flaxville	Daniels	4,411	103,790	23.53	46,003	1,235,631
Fort Gilbert	Richland	106,390	2,727,839	25.64	1,788,483	25,381,958
Four Mile Creek	Richland	14,177	347,194	24.49	323,885	6,173,366
Four Mile Creek, West	Richland	7,850	192,246	24.49	229,156	5,307,174
Fox Creek	Richland	7,419	183,323	24.71	189,882	4,482,347
Fox Creek, North	Richland	2,954	75,031	25.40	63,927	1,700,094
Frannie	Carbon	5,993	146,468	24.44	752,300	2,663,509
Fred & George Creek	Toole	123,422	3,263,277	26.44	12,690,249	77,511,188

**PRODUCTION YEAR 1985**

**CUMULATIVE TO  
DECEMBER 31, 1985**

FIELD	COUNTY	PRODUCTION YEAR 1985			CUMULATIVE TO DECEMBER 31, 1985	
		BARRELS	VALUE	AVERAGE PRICE*	BARRELS	VALUE
Frog Coulee	Richland	9,284	238,320	25.67	132,027	4,138,739
Froid, South	Roosevelt	5,410	133,140	24.61	202,208	1,948,009
Gage	Musselshell	7,911	205,211	25.94	621,560	2,959,484
Gas City	Dawson	114,563	2,941,977	25.68	9,650,927	49,134,797
Girard	Richland	46,258	1,147,660	24.81	274,699	2,496,979
Glendive	Dawson	154,162	4,091,459	26.54	12,070,855	56,668,804
Glendive, South	Dawson	77	1,757	22.82	68,936	2,009,079
Golden Dome	Carbon	4,969	117,665	23.68	65,303	877,165
Goose Lake	Sheridan	191,441	4,741,993	24.77	8,287,676	57,674,960
Goose Lake, West	Sheridan	61,524	1,523,949	24.77	318,965	9,329,370
Gossett	Richland	47,628	1,150,216	24.15	160,335	4,410,376
Graben Coulee	Glacier	74,830	1,810,886	24.20	1,775,643	20,444,033
Grandview, East	Liberty	3,868	94,224	24.36	32,543	872,436
Grebe	Rosebud	95	2,460	25.90	890	25,371
Green Coulee	Sheridan	20,287	525,636	25.91	111,098	3,388,471
Green Coulee, East	Sheridan	19,630	511,754	26.07	58,508	1,668,738
Gumbo Ridge	Rosebud	27,554	700,698	25.43	559,247	10,868,673
Gunsight	Roosevelt	34,037	828,800	24.35	123,347	3,432,339
Gypsy Basin	Pondera	17,281	419,755	24.29	408,959	6,542,562
Hardpan	Pondera	423	10,088	23.85	1,430	40,944
Hardscrabble Creek	Richland	22,536	563,850	25.02	80,010	2,247,456
Hawk Creek	Musselshell	507	13,055	25.75	9,738	111,783
Hawk Haven	Richland	121	3,027	25.02	7,392	236,689
Hay Creek	Richland	29,460	741,508	25.17	1,179,213	9,239,168
Hiawatha	Musselshell	19,092	494,291	25.89	1,472,844	8,651,183
Hibbard	Rosebud	2,387	59,722	25.02	215,860	1,977,971
High Five	Rosebud	146,400	3,872,280	26.45	1,863,945	41,487,125
Highview	Pondera	7,919	193,461	24.43	44,137	1,199,679
Honker	Sheridan	11,278	284,995	25.27	79,979	2,521,534
Horse Creek	Liberty	526	13,097	24.90	9,393	189,654
Howard Coulee	Musselshell	3,206	80,214	25.02	121,715	1,822,879
Injun Creek	Rosebud	5,495	142,045	25.85	110,692	2,789,273
Intake II	Richland	81,030	2,137,571	26.38	547,223	16,690,776
Ivanhoe	Musselshell	10,110	269,937	26.70	4,487,995	14,133,134
Jim Coulee	Musselshell	81,643	2,088,427	25.58	3,975,610	39,854,297
Katy Lake	Sheridan	17,656	442,812	25.08	32,342	836,728
Katy Lake, North	Sheridan	335,366	8,410,979	25.08	2,544,561	80,878,760
Keg Coulee	Musselshell	115,299	3,023,139	26.22	5,291,094	31,099,456
Keg Coulee, North	Musselshell	8,003	211,999	26.49	427,762	4,678,586
Kelley	Musselshell	16,339	421,872	25.82	956,387	5,463,386
Kevin-Sunburst	Toole	661,729	16,139,570	24.39	76,588,302	254,336,246
Kevin Nisku Oil, East	Toole	50,214	1,263,384	25.16	75,200	1,973,819
Kicking Horse	Toole	94	2,351	25.02	1,443	47,446
Kincheloe Ranch, West	Rosebud	62,136	1,649,089	26.54	432,948	13,279,111
Laird Creek	Liberty	6,762	176,826	26.15	558,965	4,417,120
Lambert	Richland	31,564	808,038	25.60	315,624	9,774,683
Lambert, North	Richland	1,090	27,904	25.60	36,552	1,221,300
Lamesteer Creek	Wibaux	6,847	168,573	24.62	12,473	329,757
Landslide Butte	Glacier	44,193	1,135,760	25.70	136,374	2,861,871
Leary	Powder River	32,927	833,053	25.30	570,888	8,464,497
Little Beaver	Fallon	399,024	10,011,512	25.09	11,191,600	89,824,611
Little Beaver, East	Fallon	125,991	3,161,114	25.09	5,153,666	32,388,560
Little Phantom	Toole	2,685	64,440	24.00	44,865	983,790
Little Wall Creek	Musselshell	157,894	4,098,928	25.96	3,023,672	57,110,558

FIELD	COUNTY	PRODUCTION YEAR 1985			CUMULATIVE TO DECEMBER 31, 1985	
		BARRELS	VALUE	AVERAGE PRICE*	BARRELS	VALUE
Lodge Grass	Big Horn	5,569	117,840	21.16	280,804	1,493,611
Lone Butte	Richland	74,429	1,844,350	24.78	430,272	7,400,497
Lonetree Creek	Richland	110,821	2,742,819	24.75	3,077,691	35,991,201
Lonetree Creek, West	Richland	556	13,822	24.86	32,904	1,018,787
Long Creek	Roosevelt	2,211	55,739	25.21	54,565	1,121,664
Long Creek, West	Roosevelt	23,769	599,216	25.21	456,927	10,700,838
Lookout Butte	Fallon	521,068	13,276,812	25.48	21,983,770	142,123,473
Lowell	Sheridan	17,672	437,558	24.76	176,052	5,665,028
Lustre	Valley	792,743	19,628,316	24.76	2,096,554	56,322,196
Lustre, North	Valley	36,691	865,907	23.60	70,392	1,798,076
Mackay Dome	Stillwater	9,909	152,994	15.44	75,649	1,519,585
Mason Lake	Musselshell	47,334	1,217,903	25.73	900,247	22,605,161
Mason Lake, North	Musselshell	1,306	33,407	25.58	17,923	442,087
McCabe	Roosevelt	22,769	573,095	25.17	190,150	5,170,851
McCabe, East	Roosevelt	2,748	68,727	25.01	6,760	205,035
McCabe, West	Roosevelt	18,337	455,857	24.86	38,852	1,036,431
McCoy Creek	Sheridan	16,364	414,172	25.31	16,364	414,172
Meander	Pondera	218	5,454	25.02	3,070	92,040
Medicine Lake	Sheridan	236,761	6,049,243	25.55	2,229,177	71,619,105
Melstone	Musselshell	129,017	3,323,477	25.76	3,148,063	39,918,346
Midfork	Valley	4,235	104,858	24.76	4,235	104,858
Mineral Bench	Roosevelt	4,115	99,912	24.28	172,614	1,167,665
Miners Coulee	Toole	1,362	36,052	26.47	152,083	1,128,704
Missouri Breaks	Richland	27,648	685,117	24.78	224,199	6,682,963
Mon Dak, West	Richland	499,504	12,472,614	24.97	6,604,602	166,671,842
Mona	Richland	5,773	141,380	24.49	61,668	1,886,981
Monarch	Fallon	143,370	3,617,225	25.23	5,025,032	36,881,995
Mosser Dome	Yellowstone	10,028	240,571	23.99	337,035	2,382,696
Musselshell	Musselshell	2,402	62,644	26.08	25,426	342,812
Mustang	Richland	36,503	916,590	25.11	376,663	12,159,453
Neiser Creek	Sheridan	34,527	859,377	24.89	112,926	3,167,567
Ninemile	Toole	9,283	233,281	25.13	9,283	233,281
Nohly	Richland	584,769	14,531,509	24.85	1,994,165	36,023,506
Nohly, South	Richland	13,520	354,088	26.19	115,867	3,370,949
North Fork	Richland	37,551	928,636	24.73	366,632	8,124,933
Olje	Sheridan	38,663	967,348	25.02	38,663	967,348
Ollie	Fallon	12,289	301,080	24.50	185,127	6,285,970
Otis Creek	Richland	20,805	519,708	24.98	769,135	10,213,525
Otis Creek, South	Richland	28,871	719,176	24.91	140,820	4,044,101
Outlook	Sheridan	191,367	4,933,441	25.78	8,265,510	55,098,936
Outlook, South	Sheridan	5,105	131,606	25.78	685,953	2,765,305
Outlook, West	Sheridan	41,082	1,064,845	25.92	660,677	5,082,398
Oxbow	Roosevelt	32,773	815,064	24.87	270,778	6,333,149
Oxbow II	Roosevelt	8,180	203,436	24.87	19,122	513,095
Palomino	Roosevelt	150,598	3,883,922	25.79	897,355	27,719,625
Pelican	Sheridan	16,231	405,612	24.99	140,319	4,484,710
Pennel	Fallon	3,634,988	92,764,893	25.52	62,972,672	728,238,259
Pete Creek	Toole	1,331	32,702	24.57	15,840	359,649
Phantom	Toole	777	19,766	25.44	43,585	757,070
Pine	Dawson, Prairie, Fallon, Wibaux	1,666,701	42,884,216	25.73	100,938,584	559,287,043
Plentywood	Sheridan	881	22,641	25.70	22,830	711,421
Pondera	Pondera, Teton	357,305	9,075,547	25.40	23,712,887	132,530,339

PRODUCTION YEAR 1985

CUMULATIVE TO  
DECEMBER 31, 1985

FIELD	COUNTY	PRODUCTION YEAR 1985			CUMULATIVE TO DECEMBER 31, 1985	
		BARRELS	VALUE	AVERAGE PRICE*	BARRELS	VALUE
Pondera Coulee	Teton	3,647	81,656	22.39	46,329	663,004
Poplar, East	Roosevelt	201,026	5,033,691	25.04	44,593,709	167,371,688
Poplar, Northwest	Roosevelt	356,527	8,652,910	24.27	2,375,449	42,937,959
Prairie Dell	Toole	59	1,431	24.27	315	8,855
Prairie Elk	McCone	4,645	109,807	23.64	78,006	1,231,119
Prichard Creek	Toole	6,268	165,412	26.39	152,185	2,309,839
Pronghorn	Sheridan	55,779	1,361,565	24.41	289,867	8,155,487
Putnam	Richland	151,914	3,723,412	24.51	3,140,470	73,755,387
Rabbit Hills	Blaine	66,231	1,356,410	20.48	810,499	13,178,189
Ragged Point	Musselshell	141,037	3,672,603	26.04	3,585,753	28,824,348
Rainbow	Richland	13,477	335,981	24.93	91,378	2,724,003
Rattler Butte	Rosebud	52,279	1,382,779	26.45	769,040	21,730,626
Rattlesnake Butte	Petroleum	145,628	3,585,361	24.62	169,178	4,040,324
Rattlesnake Coulee	Toole	760	19,706	25.93	90,131	681,569
Raymond	Sheridan	188,512	4,791,975	25.42	3,833,520	69,344,559
Raymond, North	Sheridan	23,174	569,848	24.59	98,141	2,786,420
Raymond, Northeast	Sheridan	22	551	25.07	120,687	1,721,719
Reagan	Glacier	195,249	5,010,089	25.66	7,971,035	72,602,318
Red Bank	Roosevelt	173,763	4,241,554	24.41	1,232,015	38,159,252
Red Bank, South	Roosevelt	41,483	1,022,555	24.65	248,401	7,403,362
Red Creek	Glacier	125,622	3,229,741	25.71	5,770,993	28,884,918
Red Fox	Roosevelt	904	22,699	25.11	374,825	1,583,592
Red Water	Richland	21,018	523,978	24.93	46,672	1,446,005
Red Water, East	Richland	22,388	558,132	24.93	144,647	3,906,648
Redstone	Sheridan	3,756	94,651	25.20	464,515	2,162,212
Refuge	Sheridan	19,110	498,388	26.08	122,646	4,111,336
Repeat	Carter	8,340	193,488	23.20	514,949	2,880,796
Reserve	Sheridan	26,201	666,553	25.44	1,542,570	13,315,883
Richey	Dawson, McCone	6,709	164,504	24.52	1,980,049	6,859,443
Richey, Southwest	McCone	3,214	80,253	24.97	1,896,602	6,294,683
Ridgelawn	Richland	564,537	14,040,035	24.87	3,077,741	93,475,215
RipRap Coulee	Roosevelt	50,690	1,228,725	24.24	371,168	8,629,080
River Bend	Richland	20,970	515,652	24.59	128,933	3,812,584
Rocky Point	Roosevelt	55,645	1,372,205	24.66	361,932	10,026,314
Roscoe Dome	Carbon	2,018	32,489	16.10	15,086	340,041
Rosebud	Rosebud	11,343	293,897	25.91	419,313	6,554,919
Royals	Dawson	29,339	749,318	25.54	194,734	6,148,238
Rudyard	Hill	618	14,924	24.15	12,295	272,497
Runaway	Teton	609	14,439	23.71	3,399	105,527
Rush Mountain	Sheridan	56,014	1,455,243	25.98	482,441	4,705,028
Salt Lake	Sheridan	17,497	452,472	25.86	372,567	3,808,161
Sand Creek	Dawson	10,029	273,591	27.28	2,313,677	11,260,471
Saturn	Daniels	14,238	343,562	24.13	14,238	343,562
Second Creek	Richland	29,078	719,971	24.76	1,046,147	16,879,632
Shepherd	Musselshell	3,392	88,090	25.97	71,762	1,205,093
Shotgun Creek	Roosevelt	65,820	1,648,132	25.04	210,928	3,956,357
Sidney	Richland	164,912	4,117,852	24.97	2,569,296	52,672,988
Sidney, East	Richland	47,025	1,172,803	24.94	425,323	13,812,069
Singletree	Roosevelt	100,881	2,378,773	23.58	226,738	5,320,930
Sioux Pass	Richland	125,921	3,081,286	24.47	2,809,021	46,583,704
Sioux Pass, East	Richland	3,134	76,626	24.45	63,539	1,250,573
Sioux Pass, Middle	Richland	79,622	1,988,161	24.97	1,132,459	27,487,757
Sioux Pass, North	Richland	261,930	6,634,686	25.33	2,862,595	70,250,228

FIELD	COUNTY	PRODUCTION YEAR 1985			CUMULATIVE TO DECEMBER 31, 1985	
		BARRELS	VALUE	AVERAGE PRICE*	BARRELS	VALUE
Sioux Pass, South	Richland	28,177	714,850	25.37	143,920	4,204,304
Snyder	Big Horn	4,397	91,897	20.90	450,800	1,700,300
Soap Creek	Big Horn	54,618	1,095,637	20.06	2,415,645	15,524,670
Soap Creek, East	Big Horn	12,802	256,808	20.06	95,411	1,930,715
South Fork	Richland	34,042	836,071	24.56	780,119	16,039,105
Spring Lake	Richland	25,601	635,416	24.82	815,000	5,924,761
Spring Lake, South	Richland	11,352	275,853	24.30	80,251	2,476,662
Spring Lake, West	Richland	5,214	127,586	24.47	5,214	127,586
Stampede	Richland	31,381	777,621	24.78	182,998	5,533,702
Stensvad	Musselshell, Rosebud	8,722	232,354	26.64	10,078,349	27,434,517
Studhorse	Garfield	137,852	3,487,655	25.30	188,048	4,945,716
Sumatra	Rosebud	602,292	15,599,362	25.90	41,519,976	286,675,759
Sunnyhill	Sheridan	11,484	286,410	24.94	193,805	5,059,051
Sunnyhill, West	Sheridan	29,343	731,814	24.94	67,248	1,813,622
Target	Roosevelt	71,321	1,743,085	24.44	450,710	13,039,358
Thirty Mile	Blaine	1,501	31,881	21.24	3,243	80,604
Three Buttes	Richland	30,301	766,009	25.28	231,133	7,229,094
Tippy Buttes	Musselshell	9,349	230,078	24.61	113,053	3,418,273
Tule Creek	Roosevelt	77,846	1,834,051	23.56	7,857,177	38,386,848
Tule Creek, East	Roosevelt	6,094	153,203	25.14	1,996,413	6,904,863
Tule Creek, South	Roosevelt	3,175	81,883	25.79	692,834	3,281,151
Two Waters	Richland	15,833	398,358	25.16	109,772	3,559,868
Utopia Swift	Liberty	47,149	1,150,435	24.40	429,443	10,143,030
Vaux	Richland	257,827	6,290,978	24.40	2,322,600	58,923,624
Volt	Roosevelt	78,882	1,968,894	24.96	2,730,840	21,633,917
Wagon Box	Musselshell	1,841	44,018	23.91	32,253	573,672
Wagon Trail	Richland	2,284	56,095	24.56	43,321	1,297,560
Wakea	Sheridan	586,842	15,058,365	25.66	732,947	19,208,843
Weed Creek	Yellowstone	1,293	32,286	24.97	598,098	2,500,561
Weldon	McCone	7,108	177,344	24.95	7,050,531	20,454,760
West Butte	Toole	7,351	192,081	26.13	274,747	2,727,857
Whitlash	Liberty, Toole	79,296	2,070,418	26.11	5,029,083	44,649,188
Whitlash, West	Toole	6,255	158,814	25.39	98,870	1,438,227
Willow Creek, North	Musselshell	2,873	75,444	26.26	308,642	2,885,678
Willow Ridge	Toole	3,066	80,973	26.41	37,209	934,127
Willow Ridge, South	Toole	82	2,051	25.02	3,136	100,019
Wills Creek, South	Fallon	23,308	560,557	24.05	1,006,148	7,779,230
Winnett Junction	Musselshell	48,084	1,203,061	25.02	769,720	14,566,527
Wolf Springs	Yellowstone	9,881	254,929	25.80	4,627,880	13,793,599
Wolf Springs, South	Yellowstone	252,383	6,544,291	25.93	347,884	9,270,844
Woodrow	Dawson	11,394	305,473	26.81	1,103,982	5,340,484
Wrangler	Sheridan	50,598	1,264,444	24.99	311,472	9,948,028
Wrangler, North	Sheridan	8,198	207,819	25.35	88,601	2,979,781
Wright Creek	Powder River	10,465	272,927	26.08	257,434	2,906,472
Yates	Wibaux	4,662	104,988	22.52	39,914	1,249,806
Wildcat	Garfield	73	1,826	25.02	468	13,166
Wildcat	Roosevelt	87,670	2,148,260	24.50	174,638	2,408,216
Wildcat	Sheridan	740	18,625	25.17	53,301	590,459
Wildcat	Valley	383	9,575	25.00	383	9,575
Misc. Abandoned Fields					4,392,773	27,009,412
<b>TOTALS</b>		<b>29,934,459</b>	<b>755,178,703</b>	<b>25.23</b>	<b>1,199,285,862</b>	<b>8,813,389,506</b>

\*Average price calculated from data provided by the Montana Department of Revenue.

**MISCELLANEOUS ABANDONED FIELDS AS OF DECEMBER 31, 1985**

<b>FIELD</b>	<b>BARRELS</b>	<b>VALUE</b>	<b>FIELD</b>	<b>BARRELS</b>	<b>VALUE</b>
Agawan	79	2,259	Midby	70,172	2,300,577
Andes	21,175	646,333	Otter Creek	28,492	959,881
Antelope, North	2,484	85,522	Pasture	2,869	90,868
Anvil, North	9,446	330,277	Pasture Creek	1,914	62,789
Autumn	35,546	1,125,986	Pine, East	19,349	233,378
Bascom	27,830	65,674	Pole Creek	169,726	277,956
Big Wall, North	7,218	116,302	Poplar, Southeast	162,546	1,093,017
Blackfoot, East	810	1,730	Richey, East	10,386	333,467
Bredette	232,121	2,062,125	Richey Area, West	11,062	403,670
Bredette, North	488,554	1,160,009	Rough Creek	3,599	10,583
Buffalo Lake	936	26,493	Royals, South	3,082	101,400
Burget	6,504	228,647	Scobey	3,916	145,674
Butchers Creek	579	20,259	Shotgun Creek, North	89,647	1,564,569
Bynum	5,971	15,320	Smoke Creek	100,305	221,361
Cadmus	1,173	3,381	Snoose Coulee	678	21,857
Clark Fork, North	1,024,608	2,895,208	Snowden	1,938	70,607
Clark Fork, South	80,553	634,021	Stampede, North	4,566	136,865
Culbertson	175,652	1,134,101	Two Medicine Creek	10,249	370,951
Dry Creek, West	5,042	148,829	Vida	262,876	1,156,361
Dunkirk, North	19	498	Viking	160	1,957
Epworth	55,142	1,909,226	West Fork	6,671	229,773
Four Buttes	41,067	122,184	Wibaux	23,580	42,945
Gage, Southwest	16,289	37,397	Windmill	6,031	190,017
Gettysburg	304	11,987	Wolf Creek	1,979	2,275
Goose Lake, East	4,522	168,087	Woman's Pocket	3,526	7,461
Grandview	9,784	196,936	Yellowstone	39,405	72,518
Homestead	303	8,726	Wildcat, Carbon County	6,368	13,559
Jack Creek	1,310	3,275	Wildcat, Daniels County	3,508	7,787
Kippen, East	150	4,815	Wildcat, Dawson County	1,305	39,643
Krug Creek	15,288	538,314	Wildcat, Fallon County	10,683	29,485
Lake Basin	473,639	661,111	Wildcat, Glacier County	48,231	124,918
Lakeside	487	18,489	Wildcat, Hill County	405	8,831
Lariat	3,599	123,587	Wildcat, Liberty County	3,254	19,148
Laurel	1,017	36,458	Wildcat, McCone County	12,575	41,467
Ledger	275	7,948	Wildcat, Musselshell County	925	1,841
Line Coulee	57,789	138,495	Wildcat, Powder River County	27,445	65,594
Lisk Creek	1,939	70,297	Wildcat, Richland County	339,856	818,099
Lone Rider	5,903	194,397	Wildcat, Stillwater County	11,283	13,365
Lost Creek	1,534	42,905	Wildcat, Teton County	9,324	19,667
Malcolm Creek	11,450	353,129	Wildcat, Toole County	35,809	118,817
McCabe, South	6,599	208,261	Wildcat, Wibaux County	8,388	25,416
			<b>TOTALS</b>	<b>4,392,773</b>	<b>27,009,412</b>

# 1985 WELL COMPLETIONS

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
<b>Big Horn—003</b>								
Champlin Petroleum Co., 11-09S-44E, NE Lloyd 22-111	6	21161	Wildcat		10/19/82	9,499	0	0
<b>Blaine—005</b>								
J. Burns Brown Oper. Co., 08-34N-21E, Fed 8-9	4	22338	Thirty Mile ***	Sawtooth	09/10/85	4,239	91	0
J. Burns Brown Oper. Co., 35-26N-19E, Fed 35-26-19	3	22347	Sherard U		03/17/85	1,825	0	0
J. Burns Brown Oper. Co., 12-25N-17E, Fed 12-25-17	6	22348	Wildcat		02/21/85	2,030	0	0
J. Burns Brown Oper. Co., 14-25N-18E, Fed 14-25-18	2	22351	Sherard U		05/10/85	1,743	0	0
J. Burns Brown Oper. Co., 23-26N-19E, Fed 23-26-19	2	22353	Sherard U	Eagle	07/31/85	1,900	0	0
J. Burns Brown Oper. Co., 34-25N-18E, Fed 34-25-18	2	22354	Sherard U	Eagle	05/03/85	1,805	0	522
J. Burns Brown Oper. Co., 10-26N-18E, LTS 10-26-18	3	22357	Sherard U		03/03/85	2,565	0	0
J. Burns Brown Oper. Co., 35-33N-18E, FLB 35-33-18	6	22358	Wildcat		04/11/85	1,150	0	0
J. Burns Brown Oper. Co., 10-24N-18E, Bleha 10-24-18	2	22366	Leroy		05/08/85	1,840	0	0
J. Burns Brown Oper. Co., 12-25N-18E, Stevens 12-25-18	3	22367	Sherard U		05/18/85	1,900	0	0
J. Burns Brown Oper. Co., 10-24N-18E, Bleha 10-24-18 B	3	22371	Leroy		05/25/85	1,600	0	0
J. Burns Brown Oper. Co., 10-24N-18E, Olson 10-24-18	3	22372	Leroy		06/08/85	1,604	0	0
J. Burns Brown Oper. Co., 20-26N-19E, Williamson 20-26-19	3	22373	Sherard U		08/25/85	2,336	0	0
J. Burns Brown Oper. Co., 31-26N-16E, Robinson 31-26-19	3	22375	Sherard U		08/04/85	2,221	0	0
J. Burns Brown Oper. Co., 23-25N-18E, Fed 23-25-18	2	22377	Sherard U		10/25/85	1,882	0	0
J. Burns Brown Oper. Co., 23-25N-19E, Fed 23-25-19	3	22380	Sherard U		12/21/85	1,757	0	0
Lytm Co., Inc., 29-33N-18E, Nemetz 29-12	2	22356	Lohman	Eagle	04/01/85	1,177	0	1,400
Tricentrol U.S., Inc., 15-31N-18E, Paulsen 15-14	2	22359	Tiger Ridge	Eagle	05/13/85	1,525	0	1,520
Tricentrol U.S., Inc., 02-30N-18E, Blackwood 2-8	2	22360	Tiger Ridge	Eagle	05/19/85	1,325	0	1,060
Tricentrol U.S., Inc., 04-30N-18E, Kane 4-12	2	22361	Tiger Ridge	Eagle	05/23/85	1,500	0	0
Tricentrol U.S., Inc., 21-31N-18E, Paulsen 21-1	2	22362	Tiger Ridge	Eagle	05/17/85	1,425	0	1,570
Tricentrol U.S., Inc., 29-31N-18E, Ramberg 29-13	2	22363	Tiger Ridge	Eagle	06/05/85	1,275	0	455
Tricentrol U.S., Inc., 23-31N-18E, S-B 23-14	3	22364	Tiger Ridge		05/21/85	1,800	0	0
Tricentrol U.S., Inc., 26-31N-17E, Olson 26-9	2	22365	Tiger Ridge	Eagle	06/11/85	1,400	0	1,490
Tricentrol U.S., Inc., 07-31N-18E, US 7-13	2	22368	Tiger Ridge	Eagle	07/07/85	1,550	0	70
Tricentrol U.S., Inc., 18-30N-18E, US 18-1	2	22369	Tiger Ridge	Eagle	05/29/85	1,850	0	70
Tricentrol U.S., Inc., 03-30N-17E, US 3-6	2	22370	Tiger Ridge	Eagle	06/07/85	1,725	0	0
Western Reserves, Inc., 27-36N-17E, Benson 13-27	6	22324	Wildcat		04/29/85	1,570	0	0
<b>Carbon—009</b>								
Aesop Partnership, 15-08S-24E, Fed 1	6	21194	Wildcat		01/04/85	500	0	0
Atlantic Richfield Co., 07-05S-20E, Arco Devils Tail 1-7	6	21196	Wildcat		01/03/85	8,317	0	0
Davis Oil Co., 27-09S-22E, Clarks Fork Fed 1	3	21133	S Clarks Fork		09/02/80	8,180	0	0
Equity Oil Co., 17-06S-20E, Castagne 14-17	6	21193	Wildcat		11/10/84	10,300	0	0
Gale Thomas, 34-09S-26E, Thomas Fed 2	6	21174	Wildcat		07/21/81	1,100	0	0
Luff Exploration Co., 11-07S-21E, Souders A-11	2	21202	Dry Creek	Virgelle	09/12/85	2,250	0	205
Montana Power Co., 12-07S-22E, Jurovich 15-12	2	21197	Golden Dome	1st Frontier	04/29/85	5,345	0	2,000
Montana Power Co., 14-07S-22E, Reicken 8-14	2	21198	Golden Dome	Greybull	05/28/85	5,855	0	2,000
Montana Power Co., 13-07S-22E, Price 2-13	2	21199	Golden Dome	1st Frontier	06/18/85	5,360	0	1,200
Montana Power Co., 13-07S-22E, Kuchinski 10-13	2	21200	Golden Dome	Second Frontier	07/05/85	5,641	0	150
<b>Carter—011</b>								
Davis Oil Co., 26-07S-55E, Hammond Fee 1	6	21329	Wildcat		11/17/85	4,515	0	0
Davis Oil Co., 34-06S-55E, Pinielle 1	6	21330	Wildcat		11/06/85	4,554	0	0
Klabzuba Oper. Co., 18-04S-61E, Johnson 1-18	5	21331	Wildcat		09/28/85	1,710	0	0
True Oil Co., 29-09S-55E, Harris 12-29	6	21328	Wildcat		07/21/85	5,878	0	0
<b>Cascade—013</b>								
Anschutz Corp., 15-19N-04E, Frantzich 4-15	3	21038	Wildcat		01/20/85	2,374	0	0
<b>Chouteau—015</b>								
J. Burns Brown Oper. Co., 20-26N-17E, Donnelly 20-26-17	6	21625	Wildcat		10/30/85	1,870	0	0
J. Burns Brown Oper. Co., 29-26N-17E, Fed 29-26-17	3	21626	Sherrard		10/28/85	1,690	0	0
V. R. Chamberlain, 03-23N-05E, June Robertson Steepe 10D-3	6	21624	Wildcat		08/18/85	1,612	0	0
Xeno, Inc., 06-26N-08E, Chip 16-6	6	21623	Wildcat		04/18/85	1,900	0	0

# 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
<b>Daniels—019</b>								
Adobe Resources Corp., 31-34N-50E, Frederick Brothers 1	6	21080	Wildcat		12/16/85	10,168	0	0
Anschutz Corp., 23-35N-44E, Emerald-State 13-23	6	21073	Wildcat		12/08/84	8,250	0	0
Anschutz Corp., 04-35N-44E, Wilson 5-4	6	21074	Wildcat		12/12/84	8,200	0	0
Anschutz Corp., 01-35N-44E, Ruby State 8-1	6	21076	Wildcat		03/24/85	6,310	0	0
Atlantic Richfield Co., 06-34N-47E, Sun Jupiter State 1-6	6	21078	Wildcat		06/23/85	6,847	0	0
Sun Explor. & Prod., 24-34N-47E, Saturn State 1	4	21075	Saturn ***	Ratcliffe	01/30/85	6,470	192	0
Sun Explor. & Prod., 14-34N-47E, Continental State 1	8	21077	Wildcat		05/15/85	6,560	0	0
Sun Explor. & Prod., 15-33N-50E, CM Wilson 1	6	21079	Wildcat		07/30/85	9,850	0	0
<b>Dawson—021</b>								
Chevron USA., Inc., 16-20N-53E, Titan State 1-16-1B	3	21103	Bloomfield		06/20/85	11,350	0	0
Robinson Resource Development, 36-20N-53E, Whitmer-State 1	8	21101	Wildcat		11/30/84	11,207	0	0
Sun Explor. & Prod., 13-21N-52E, I.B. Zuroff 1	6	21106	Wildcat		04/25/85	11,400	0	0
<b>Deer Lodge—023</b>								
Amoco Production Co., 03-05N-10W, Arco A 1	6	21002	Wildcat		11/15/84	6,701	0	0
<b>Fallon—025</b>								
Cenergy Explor. Co., 05-10N-58E, Cenergy-Kirkwood-BN 31-5	1	21343	Cabin Creek	Red River	01/12/85	9,380	38	0
Cenergy Explor. Co., 31-11N-58E, Cenergy-Kirkwood-BN 42-31	1	21346	Cabin Creek	Red River	01/08/85	9,437	60	0
Cenergy Explor. Co., 09-10N-58E, Kirkwood BN 22-9	1	21349	Cabin Creek	Red River A & B	02/24/85	9,250	40	0
Cenergy Explor. Co., 05-10N-58E, Kirkwood BN 22-5	1	21358	Cabin Creek	Red River	06/14/85	9,089	170	43
Cenergy Explor. Co., 31-09N-59E, Kirkwood BN 34-31	1	21362	Monarch	Red River B	07/12/85	9,112	100	25
Cenergy Explor. Co., 09-10N-58E, BN 31-9	1	21383	Cabin Creek	Red River	10/12/85	9,172	10	0
Challenger Minerals, Inc., 10-07N-60E, Kirschten 12-10	3	21318	Lookout Butte		10/07/84	5,350	0	0
Challenger Minerals, Inc., 28-08N-60E, Erma Fee 32-28	1	21351	Lookout Butte	Red River B	02/07/85	9,305	16	0
Challenger Minerals, Inc., 04-07N-60E, O'Donnell Fee 32-4	1	21353	Pennel Area	Red River B	02/22/85	9,250	63	0
Challenger Minerals, Inc., 25-07N-60E, Lang 14-25	1	21354	Lookout Butte	Red River B & C	01/17/85	9,160	10	0
Challenger Minerals, Inc., 10-07N-60E, Kirschten 32-10	1	21360	Pennel Area	Red River B	02/19/85	9,175	141	0
Challenger Minerals, Inc., 34-08N-60E, Koenig 34-34	1	21374	Pennel	Red River B	08/07/85	9,195	40	0
Challenger Minerals, Inc., 34-08N-60E, Koenig Fee 12-34	1	21375	Pennel	Red River B	06/11/85	9,200	79	0
Challenger Minerals, Inc., 34-08N-60E, Koenig 14-34	1	21380	Pennel	Red River C	06/27/85	9,300	159	0
Diamond Shamrock Explor., 03-07N-60E, Credence Fee 12-3	1	21361	Pennel	Red River	05/07/85	9,250	23	0
Meridian Oil, Inc., 03-07N-60E, BN 14-3	1	21363	Pennel	Interlake	07/13/85	9,170	22	0
Meridian Oil, Inc., 36-07N-60E, State 12-36	1	21392	Lookout Butte	Red River B	08/27/85	9,130	100	0
Meridian Oil, Inc., 27-10N-58E, BN 21-27	3	21396	Cabin Creek		08/21/85	9,137	0	0
Meridian Oil, Inc., 35-07N-60E, BN 41-35	1	21400	Lookout Butte Area	Red River B	11/11/85	9,082	47	0
Meridian Oil, Inc., 36-07N-60E, State 14-36	1	21401	Lookout Butte	Red River	12/09/85	8,980	53	8
Shell Western E & P, Inc., 31-05N-61E, U BN 33-31	1	21336	Little Beaver	Red River	06/27/85	8,670	25	0
Shell Western E & P, Inc., 25-05N-60E, U BN 33-25	1	21337	Little Beaver	Red River	05/01/85	8,421	30	3
Shell Western E & P, Inc., 18-08N-60E, U Losing 33-18C	8	21344	Pennel		12/06/84	9,124	0	0
Shell Western E & P, Inc., 15-07N-60E, U BN 32-15B	1	21355	Pennel	Silurian	04/22/85	9,029	121	1
Shell Western E & P, Inc., 09-07N-60E, Pennel U 31-9B	1	21359	Pennel	Red River	04/12/85	9,061	56	10
Shell Western E & P, Inc., 03-06N-60E, Coral Creek U BN 31-3	1	21364	Lookout Butte	Red River	11/27/85	8,924	24	4
Shell Western E & P, Inc., 33-07N-60E, U BN 11-33	1	21365	Lookout Butte	Red River	06/14/85	8,844	115	26
Shell Western E & P, Inc., 31-11N-58E, Patented 34-31	1	21366	Cabin Creek	Stoney Mountain,				
				Red River	06/15/85	9,208	37	12
Shell Western E & P, Inc., 05-10N-58E, U BN 34-5R	1	21367	Cabin Creek	Red River	07/25/85	9,186	62	20
Shell Western E & P, Inc., 19-08N-60E, Pennel U BN 11-19E	1	21368	Pennel U	Red River	06/12/85	9,030	105	0
Shell Western E & P, Inc., 36-05N-60E, Patented 31-36	1	21369	Little Beaver	Red River	06/09/85	8,576	26	0
Shell Western E & P, Inc., 19-08N-60E, BN 31-19C	1	21370	Pennel	Red River U4	07/16/85	8,976	52	3
Shell Western E & P, Inc., 17-08N-60E, U BN 13-17C	1	21371	Pennel	Red River	07/30/85	9,275	79	5
Shell Western E & P, Inc., 11-08N-59E, Pennel U USA 31-11	1	21372	Pennel	Red River	06/07/85	9,043	88	0
Shell Western E & P, Inc., 36-08N-59E, Stt Pennel U 11-36R	1	21373	Pennel	Stoney Mountain,				
				Red River	09/05/85	8,934	494	40
Shell Western E & P, Inc., 32-07N-60E, Coral Creek U 11-32	1	21376	Coral Creek	Red River U6	10/02/85	8,778	33	1
Shell Western E & P, Inc., 07-10N-58E, Patented 22-07	1	21377	Cabin Creek	Silurian, Red River	07/10/85	9,003	27	7
Shell Western E & P, Inc., 03-06N-60E, U BN 33-03	1	21379	Lookout Butte	Red River U4-5	07/16/85	8,928	162	40



# 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL	
							Oil B/D	Gas MCF/D	
Shell Western E & P, Inc., 21-08N-60E, BN 24-21C	1	21381	Pennel	Red River U4	08/01/85	9,250	35	0	
Shell Western E & P, Inc., 04-08N-59E, Pennel U USA 13-4R	1	21384	Pennel	Duperow	09/09/85	8,834	67	2	
Shell Western E & P, Inc., 33-10N-58E, BN 22-33A	1	21385	Cabin Creek	Silurian, Stoney Mountain, Red River	10/25/85	9,070	201	69	
Shell Western E & P, Inc., 33-10N-58E, BN 33-33	1	21386	Cabin Creek	Silurian, Stoney Mountain, Red River	10/31/85	9,083	213	178	
Shell Western E & P, Inc., 05-07N-60E, BN 41-05B	1	21387	Pennel	Red River U4	08/29/85	9,180	41	5	
Shell Western E & P, Inc., 02-08N-59E, Patented 24-02	1	21393	Pennel	Red River U4	08/04/85	9,092	62	9	
Shell Western E & P, Inc., 22-06N-60E, Coral Creek U 31-22R	1	21399	Lookout Butte	Red River	11/08/85	8,840	24	0	
Williston Basin Interstate, 19-07N-60E, BN 423	7	21294	Cedar Creek	Judith River	08/14/85	1,016	0	0	
Williston Basin Interstate, 29-07N-60E, BN 425	7	21296	Cedar Creek	Judith River	08/08/85	1,100	0	0	
Williston Basin Interstate, 33-07N-60E, BN 426	7	21297	Cedar Creek	Judith River	08/28/85	1,150	0	0	
Williston Basin Interstate, 33-07N-60E, BN 427	7	21298	Cedar Creek		12/20/85	1,180	0	0	
Williston Basin Interstate, 03-06N-60E, BN 428	7	21299	Cedar Creek		12/18/85	1,220	0	0	
Williston Basin Interstate, 03-06N-60E, BN 429	7	21300	Cedar Creek		12/31/85	1,260	0	0	
Williston Basin Interstate, 09-06N-60E, BN 431	7	21302	Cedar Creek	Judith River	08/07/85	1,146	0	0	
Williston Basin Interstate, 09-06N-60E, BN 432	2	21303	Cedar Creek	Judith River	11/15/85	1,130	0	43	
Williston Basin Interstate, 15-06N-60E, BN 433	7	21304	Cedar Creek	Judith River	08/06/85	1,100	0	0	
Williston Basin Interstate, 15-06N-60E, BN 434	2	21305	Cedar Creek	Judith River	11/12/85	1,100	0	45	
Williston Basin Interstate, 36-06N-60E, State 435	2	21306	Cedar Creek	Judith River	10/09/85	1,215	0	33	
Williston Basin Interstate, 23-06N-60E, BN 436	7	21307	Cedar Creek	Judith River	08/29/85	1,100	0	0	
Williston Basin Interstate, 25-06N-60E, BN 438	2	21309	Cedar Creek	Judith River	11/11/85	1,100	0	410	
Williston Basin Interstate, 26-06N-60E, Fed 439	7	21310	Cedar Creek	Judith River	08/16/85	1,100	0	0	
Williston Basin Interstate, 35-06N-60E, BN 440	7	21311	Cedar Creek	Judith River	09/04/85	1,126	0	0	
Williston Basin Interstate, 01-05N-60E, BN 441	7	21312	Cedar Creek	Judith River	09/06/85	960	0	0	
Williston Basin Interstate, 07-05N-61E, BN 442	7	21313	Cedar Creek	Judith River	09/09/85	810	0	0	
Williston Basin Interstate, 13-06N-60E, BN 449	7	21378	Cedar Creek	Judith River	06/19/85	1,165	0	0	
<b>Fergus—027</b>									
Black Eagle Oper. Co., Inc, 35-17N-23E, Delaney 1-35	6	21207	Wildcat		08/20/85	6,456	0	0	
Fuel Resources Dev. Co., 21-23N-19E, Fed P-21-23-19-N	2	21208	Leroy	Eagle	10/23/85	1,722	0	150	
Fuel Resources Dev. Co., 22-23N-19E, Fee P-22-23-19-N	3	21209	Leroy		09/22/85	1,879	0	0	
Fuel Resources Dev. Co., 28-23N-19E, USM L-28-23-19-N	3	21210	Leroy		09/06/85	1,751	0	0	
Fuel Resources Dev. Co., 35-23N-19E, Fee M-35-23-19-N	3	21211	Leroy		10/04/85	1,917	0	0	
Fuel Resources Dev. Co., 30-23N-20E, Fee F-30-23-20-N	3	21212	Leroy Area		09/27/85	1,823	0	0	
Fuel Resources Dev. Co., 03-22N-19E, Fee F-3-22-19-N	3	21213	Leroy Area		10/19/85	1,918	0	0	
Fuel Resources Dev. Co., 24-23N-19E, Fed M-5371 I-24-23-19-N	3	21214	Leroy		10/01/85	1,950	0	0	
<b>Flathead—029</b>									
Spectra Energy Corp., 26-31N-21W, Stoltz Lumber Co. 1	6	21004	Wildcat		12/22/84	3,500	0	0	
<b>Gallatin—031</b>									
Phillips Petroleum Co., 26-04N-04E, Brainard B 1	6	21003	Wildcat		05/18/85	11,586	0	0	
<b>Garfield—033</b>									
Amoco Production Co., 29-14N-40E, Amoco BN L 1	6	21120	Wildcat		05/14/85	7,000	0	0	
Meridian Oil, Inc., 25-13N-33E, BN 41-25	3	21123	Studhorse		07/25/85	4,599	0	0	
Meridian Oil, Inc., 28-13N-33E, Galt 42-28	6	21125	Wildcat		08/07/85	4,970	0	0	
Meridian Oil, Inc., 11-13N-33E, BN 44-11	6	21129	Wildcat		11/21/85	4,800	0	0	
Milestone Petroleum, Inc., 24-13N-33E, Fed 24-24	3	21117	Studhorse		02/25/85	4,850	0	0	
Milestone Petroleum, Inc., 26-13N-33E, Fed 41-26	3	21118	Studhorse		01/30/85	4,869	0	0	
Milestone Petroleum, Inc., 24-13N-33E, Fed 44-24	1	21119	Studhorse	Lower Tyler B	03/11/85	4,600	63	0	
Milestone Petroleum, Inc., 25-13N-33E, BN 12-25	1	21121	Studhorse	Stensvad	03/27/85	4,820	120	0	
Milestone Petroleum, Inc., 24-13N-33E, Fed 43-24	3	21122	Studhorse		06/30/85	4,640	0	0	
Milestone Petroleum, Inc., 24-13N-33E, BN 22-25	3	21124	Studhorse		07/14/85	4,810	0	0	
Phillips Oil Co., 02-13N-33E, Woozer A 1-2	8	21105	Studhorse Area	Heath	10/18/84	4,640	05	0	
Phillips Oil Co., 19-13N-34E, Beanblossom A 1-19	1	21111	Studhorse	Lower Tyler	01/05/85	4,562	145	0	
Phillips Petroleum Co., 01-13N-33E, Sherlock A 1-1	6	21114	Wildcat		01/23/85	4,602	0	0	

# 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
Phillips Petroleum Co., 08-13N-32E, Eclipse Fed A 1	6	21116	Wildcat		04/28/85	5,003	0	0
Phillips Petroleum Co., 20-13N-34E, Beanblossom B 1-20	3	21126	Studhorse Area		09/16/85	4,500	0	0
Phillips Petroleum Co., 19-13N-34E, Beanblossom A 2-19	1	21127	Studhorse Area	Tyler	10/04/85	4,513	224	0
Phillips Petroleum Co., 19-13N-34E, Beanblossom A 3-19	1	21130	Studhorse Area	Tyler B	12/20/85	4,575	106	0
Tenneco Oil Co., 35-14N-40E, BN 1-35	6	21100	Wildcat		07/17/84	8,515	0	0
Tenneco Oil Co., 07-13N-40E, BN 1-7	6	21101	Wildcat		10/24/84	6,919	0	0
<b>Glacier—035</b>								
Beren Corp., 29-37N-08W, Blackfeet A 4	1	21698	Landslide Butte	Madison	07/18/84	4,871	27	0
Beren Corp., 29-37N-08W, Blackfeet A 5	1	21699	Landslide Butte	Madison	08/08/84	4,962	06	0
Berenergy Corp., 30-37N-08W, Tribal A 30-4	1	21675	Landslide Butte	Madison	03/10/84	4,900	50	0
Berenergy Corp., 30-37N-08W, Tribal A 30-6	1	21716	Landslide Butte	Madison	11/15/84	4,907	7	0
Berenergy Corp., 15-36N-08W, Tribal Bearpaw 1	6	21746	Wildcat		11/07/85	4,683	0	0
Comanche Drilling Co., 16-36N-06W, Humes 1	4	21708	Reagan **	Madison	10/09/84	3,310	6	0
Comanche Drilling Co., 21-36N-06W, Humes 2	4	21744	Wildcat	Madison	11/12/85	3,324	5	0
Energy Rock, Inc., 21-32N-05W, Nelson 1	1	21752	Cut Bank	Cut Bank	12/03/85	2,815	15	0
Exxon Corp., 02-37N-05W, Red Creek U 1002	1	21709	Red Creek	Madison, Cut Bank	05/09/85	3,000	121	0
Exxon Corp., 12-37N-05W, Red Creek U 29	1	21711	Red Creek	Cut Bank	05/02/85	2,953	43	0
Exxon Corp., 02-37N-05W, Red Creek U 28	1	21712	Red Creek	Cut Bank	05/25/85	3,050	62	0
Gypsy Highview Gathering Sys, 03-37N-05W, Swensen 3-1	1	21662	Graben Coulee	Cut Bank	01/08/84	2,740	12	0
Gypsy Highview Gathering Sys, 03-37N-05W, Swensen 3-2	1	21663	Graben Coulee	Cut Bank Sand	01/17/84	2,836	14	0
Gypsy Highview Gathering Sys, 03-37N-05W, Swensen 3-3	1	21669	Graben Coulee	Cut Bank	02/17/84	2,860	11	0
Gypsy Highview Gathering Sys, 03-37N-05W, Swensen 3-6	1	21673	Graben Coulee	Upper Cut Bank Sand	01/29/84	2,795	9	0
Gypsy Highview Gathering Sys, 03-37N-05W, Swensen 3-5	1	21674	Graben Coulee	Cut Bank	02/04/84	2,735	14	0
Gypsy Highview Gathering Sys, 03-37N-05W, Swensen 3-7	1	21678	Graben Coulee	Upper Cut Bank	02/11/84	2,840	14	0
Gypsy Highview Gathering Sys, 03-37N-05W, Swensen 3-8	1	21703	Graben Coulee	Cut Bank	02/18/84	2,765	11	0
Kye Trout Jr., 36-32N-06W, Rieckhoff A 15	3	21722	Cut Bank		06/24/85	1,285	0	0
Kye Trout Jr., 36-32N-06W, Rieckhoff A 16	1	21723	Cut Bank	Lower Cut Bank	07/16/85	3,220	10	0
Kye Trout Jr., 36-32N-06W, Rieckhoff A 15R	1	21739	Cut Bank	Lower Cut Bank	07/09/85	3,220	42	0
Montana Power Co., 04-33N-05W, Coburn U 3-4	2	21740	Cut Bank	Cut Bank	10/21/85	2,733	0	166
Montana Power Co., 10-34N-05W, Bicket 15-10	2	21741	Cut Bank	Cut Bank	09/30/85	2,680	0	481
Montana Power Co., 26-34N-05W, Callison U 7-26	1	21742	Cut Bank	Blackleaf, Bow Island,				
Montana Power Co., 02-35N-05W, Oscar Berger 7-2	2	21743	Cut Bank	Cut Bank, Bow Island,	09/27/85	2,683	0	1,080
Montana Power Co., 30-35N-05W, Peterson 1-30	2	21745	Cut Bank	Sunburst	09/18/85	2,834	0	0
Montana Power Co., 04-36N-07W, Tribal 355 9-4	2	21753	Big Rock Gas Field	Cut Bank	10/05/85	2,692	0	0
Monte Grande Explor. Co., 10-37N-05W, Swensen 29	1	21679	Graben Coulee	Blackleaf	12/12/85	2,451	0	100
Mountain States Resources, Inc., 15-37N-05W, State 16	2	21587	Graben Coulee	Cut Bank	03/03/84	2,802	06	0
Union Oil Co. of CA, 06-33N-05W, SCCBSU 17A-7	1	21730	Cut Bank	Cut Bank	11/17/84	30,280	10,000	80,000
Union Oil Co. of CA, 31-34N-05W, SCCBSU 17A-8	1	21731	Cut Bank	Cut Bank	07/24/85	2,939	0	0
Union Oil Co. of CA, 32-34N-05W, SCCBSU 18B06	1	21732	Cut Bank	Cut Bank	07/25/85	2,914	0	0
Union Oil Co. of CA, 06-33N-05W, SCCBSU 25A-1X	1	21733	Cut Bank	Cut Bank	07/30/85	2,820	0	0
Union Oil Co. of CA, 01-33N-06W, SCCBSU 27-1X	1	21734	Cut Bank	Cut Bank	07/26/85	2,878	50	0
Union Oil Co. of CA, 07-33N-05W, SCCBSU 39-4	1	21735	Cut Bank	Cut Bank	07/22/85	2,938	2	0
Union Oil Co. of CA, 06-33N-05W, SCCBSU 33-6	1	21737	Cut Bank	Cut Bank	07/22/85	3,015	13	0
Union Oil Co. of CA, 35-37N-07W, Grant 1-H35	2	21738	Reagan	Cut Bank	08/09/85	2,935	0	0
Union Oil Co. of CA, 35-37N-07W, Grant 1-H35	2	21738	Reagan	Madison, Ellis	11/02/85	3,701	0	11
<b>Golden Valley—037</b>								
DAS Resource Ventures, Inc., 01-10N-21E, Fed 1-14	1	21003	Devils Pocket	Heath	04/25/84	2,707	35	0
DAS Resource Ventures, Inc., 01-10N-21E, Fed 1-13	4	21063	Devils Pocket ***	Heath	05/14/85	2,000	30	0
<b>Granite—039</b>								
Nyvatex Oil Corp., 02-10N-13W, Wilson 1	6	21008	Wildcat		08/11/83	3,252	0	0
Nyvatex Oil Corp., 02-10N-13W, Wilson 2	6	21009	Wildcat		08/26/83	940	0	0

# 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
<b>Hill—041</b>								
J. Burns Brown Oper. Co., 28-32N-16E, Smith 28-32-16	3	22327	Tiger Ridge		07/03/85	1,650	0	0
J. Burns Brown Oper. Co., 12-33N-16E, State 12-33-16B	2	22328	Coal Coulee	Eagle	07/11/85	1,383	0	0
J. Burns Brown Oper. Co., 33-37N-08E, Richardson 33-37-8	2	22329	Canadian Coulee	Firemoon	07/17/85	3,490	0	0
J. Burns Brown Oper. Co., 04-30N-17E, Olson 4-17	3	22332	Tiger Ridge		07/22/85	1,600	0	0
Lome Resources, Inc., 18-31N-13E, Vosen 2-18	3	22346	Laredo		12/15/85	1,058	0	0
Lytm Co., Inc., 26-33N-15E, Welsh 26-33-15	6	22305	Wildcat		04/17/85	1,338	0	0
Lytm Co., Inc., 36-33N-14E, Klaus 36-33-14	6	22306	Wildcat		04/14/85	1,150	0	0
Lytm Co., Inc., 12-33N-16E, State 12-33-16	3	22324	Coal Coulee		04/19/85	1,356	0	0
Lytm Co., Inc., 26-34N-16E, Larson 26-34-16	6	22341	Wildcat		12/12/85	1,482	0	0
Lytm Co., Inc., 13-34N-15E, Nichols 13-34-15	6	22342	Wildcat		12/09/85	1,400	0	0
Smoky Hill Explor. Co., 24-35N-12E, Peterson 1A-24	2	22330	Spring Coulee	Sawtooth	08/12/85	3,672	0	3,834
Tricentrol U.S., Inc., 24-31N-14E, Becker 24-8	3	22307	Bullhook U		07/23/85	1,140	0	0
Tricentrol U.S., Inc., 02-31N-15E, Majerus 2-7	2	22309	Bullhook U	Eagle	08/04/85	1,345	0	1,400
Tricentrol U.S., Inc., 02-31N-15E, Majerus 2-13	2	22310	Bullhook U	Eagle	08/06/85	1,390	0	1,450
Tricentrol U.S., Inc., 06-31N-15E, Sands 6-1	3	22311	Bullhook		05/05/85	1,075	0	0
Tricentrol U.S., Inc., 27-32N-15E, Erhard 27-1	2	22312	Bullhook U	Eagle	08/09/85	1,200	0	325
Tricentrol U.S., Inc., 07-31N-15E, Erhart 7-16	2	22313	Bullhook	Eagle	05/07/85	1,175	0	2,040
Tricentrol U.S., Inc., 13-31N-15E, Gregoire 13-6	2	22314	Bullhook U	Eagle	08/02/85	1,300	0	800
Tricentrol U.S., Inc., 19-31N-15E, Felton 19-2	2	22316	Bullhook	Eagle	05/10/85	1,200	0	2,300
Tricentrol U.S., Inc., 29-32N-15E, Sterrett 29-13	2	22317	Bullhook	Eagle	05/03/85	1,130	0	1,900
Tricentrol U.S., Inc., 06-30N-15E, Brown 6-16	2	22318	Bullhook	Eagle	07/12/85	1,250	0	1,200
Tricentrol U.S., Inc., 14-30N-15E, Boyce 14-16	2	22319	Bullhook U	Eagle	07/16/85	1,675	0	2,200
Tricentrol U.S., Inc., 27-30N-15E, Boyce 27-4	2	22320	Bullhook U	Eagle	07/20/85	1,730	0	800
Tricentrol U.S., Inc., 22-31N-15E, Hegle 22-1	2	22321	Bullhook U	Eagle	08/01/85	1,250	0	320
Tricentrol U.S., Inc., 27-31N-17E, Olson 27-9	2	22322	Tiger Ridge	Eagle	06/11/85	1,591	0	1,180
Tricentrol U.S., Inc., 10-31N-14E, O'Neil 10-5	3	22323	Tiger Ridge U		07/09/85	1,550	0	0
Tricentrol U.S., Inc., 26-32N-17E, Davey 26-13	3	22325	Tiger Ridge		07/10/85	1,325	0	0
Tricentrol U.S., Inc., 21-31N-17E, Olson 21-1	2	22326	Tiger Ridge	Eagle	06/13/85	1,550	0	1,400
Tricentrol U.S., Inc., 16-31N-15E, State 16-1	2	22331	Bullhook	Eagle	07/26/85	1,450	0	390
<b>Judith Basin—045</b>								
Probe Oil Co., 11-18N-11E, Anderson 1	6	21020	Wildcat		06/01/85	2,300	0	0
<b>Lewis &amp; Clark—049</b>								
Amoco Prod. Co., 36-20N-09W, Cobb 1	6	21012	Wildcat		03/28/85	13,225	0	0
<b>Liberty—051</b>								
Beartooth Oil & Gas Co., 13-36N-05E, Fed 1	2	21658	Blackjack	Sunburst	10/28/85	3,500	0	225
Great Northern Drilling Co., 18-37N-06E, Fed 23-18	3	21659	Sage Creek Gas		06/06/85	3,060	0	0
Nelson G. Bingham, 01-37N-04E, State 1-1	3	21660	Whittlash		10/31/85	3,123	0	0
<b>McCone—055</b>								
Coastal Oil & Gas Corp., 14-25N-47E, Sand Creek Fed A 1-14	6	21171	Wildcat		05/12/85	9,250	0	0
Enserch Explor., Inc., 03-21N-47E, BN McCone 2-3	6	21172	Wildcat		02/02/85	9,750	0	0
Ensource, Inc., 29-24N-48E, Coal Creek 1-29	6	21164	Wildcat		06/28/84	9,310	0	0
EP Oper. Co., 09-22N-45E, Lehnen 1-9	6	21180	Wildcat		07/28/85	5,785	0	0
Meridian Oil, Inc., 28-23N-48E, Vine 33-28	6	21182	Wildcat		08/14/85	9,715	0	0
Monsanto Co., 07-23N-48E, Lena 1	6	21181	Wildcat		06/16/85	6,670	0	0
Propel Energy Co., 29-24N-47E, Lone Pine 1729	6	21173	Wildcat		01/03/85	6,285	0	0
Propel Energy Co., 20-24N-45E, Herzberg 1-20	6	21174	Wildcat		01/16/85	5,815	0	0
Propel Energy Co., 11-24N-46E, Pawlowski 1-11	6	21176	Wildcat		02/17/85	6,283	0	0
Propel Energy Co., 13-25N-45E, Martin 1-13	6	21177	Wildcat		02/02/85	5,910	0	0
Propel Energy Co., 05-24N-47E, Tveten 1-5	6	21179	Wildcat		03/09/85	6,090	0	0
<b>Musselshell—065</b>								
Barrett Energy Co., 12-10N-30E, Gulf 1	6	21719	Wildcat		12/02/84	5,114	0	0
Barrett Energy Co., 21-10N-31E, BN 1	6	21720	Wildcat		01/11/85	5,130	0	0
Barrett Energy Co., 26-10N-29E, Hougren 1	3	21722	Melstone		01/26/85	4,490	0	0
Barrett Energy Co., 23-10N-30E, Hougren Land 23-1	6	21728	Wildcat		06/03/85	5,214	0	0
Barrett Energy Co., 34-10N-29E, Walker 1	6	21739	Wildcat		12/01/85	4,660	0	0

# 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL	
							Oil B/D	Gas MCF/D	
Barrett Energy Co., 03-09N-30E, Fulton 1-3	6	21740	Wildcat		12/14/85	4,982	0	0	
Champlin Petroleum Co., 14-10N-25E, Stoiberg 14C-14 1	6	21696	Wildcat		09/10/84	2,710	0	0	
Champlin Petroleum Co., 12-10N-28E, Sounder Fed 42-12 1	6	21730	Wildcat		07/07/85	4,266	0	0	
Citation Oil & Gas Corp., 14-11N-27E, Flatwillow Farm 11-14	6	21725	Wildcat		02/18/85	3,881	0	0	
Eastern Am Energy Corp., 25-08N-30E, NW Wolf Springs 1	6	21736	Wildcat		12/22/85	7,310	0	0	
Hewitt Producing Co., 21-08N-28E, Bedford 1	6	21729	Wildcat		07/24/85	7,100	0	0	
High Plains Oil Corp., 18-11N-31E, W Ivanhoe Fed 41-18	1	21726	Ivanhoe	Amsden	04/23/85	3,569	14	0	
Kaneb Oil & Gas Co., 11-09N-23E, BNR A-11 1	6	21731	Wildcat		07/10/85	3,584	0	0	
McHugh & Assoc., 10-10N-28E, Oxbox Fee 1	6	21742	Wildcat		12/23/85	4,172	0	0	
Murphy Drilling Corp., 06-10N-25E, Holeman 4	3	21590	Devils Basin		08/08/81	2,163	0	0	
Petro-Lewis Corp., 18-11N-30E, State 12-18	3	21709	SW Ragged Point		02/14/85	4,050	0	0	
Petro-Lewis Corp., 17-11N-30E, Ward Estate 12-17	1	21716	SW Ragged Point	Tyler	03/15/85	4,185	16	0	
Smoky Hill Explor. Co., 20-11N-27E, Foxley 3-20	6	21724	Wildcat		02/05/85	3,800	0	0	
Smoky Hill Explor. Co., 20-11N-27E, Foxley 1A-20	3	21733	Jim Coulee		07/18/85	3,782	0	0	
Tenneco Oil Co., 13-10N-27E, BN 1-13	3	21689	S Little Wall						
			Creek A		06/03/84	4,033	0	0	
True Oil Co., 15-10N-29E, N Melstone U 2	1	21721	Melstone	Tyler	03/12/85	4,340	114	0	
True Oil Co., 22-10N-29E, N Melstone U 3	7	21737	Wildcat		11/07/85	4,265	0	0	
TXO Prod. Corp., 18-11N-31E, Dejaegher Fed 1	3	21734	Ivanhoe		09/12/85	4,350	0	0	
Valero Producing Co., 29-10N-30E, Sayre 13-29 1	6	21711	Wildcat		11/19/84	4,547	0	0	
<b>Petroleum—069</b>									
Black Eagle Oper. Co., Inc, 28-17N-24E, Delaney 1-28	6	21135	Wildcat		08/27/85	2,298	0	0	
Champlin Petroleum Co., 27-13N-28E, Bethel Rattler 21-27 1	1	21108	Rattlesnake Butte	Amsden	10/10/84	7,584	88	0	
Champlin Petroleum Co., 12-13N-28E, Damshen 43E-12 E1	6	21113	Wildcat		10/28/84	4,302	0	0	
Champlin Petroleum Co., 16-13N-28E, State Rattler 33-16 2	8	21114	Wildcat		10/10/84	3,820	0	0	
Champlin Petroleum Co., 16-13N-28E, State Rattler 34A-16 3	3	21115	Rattlesnake Butte		11/08/84	2,769	0	0	
Champlin Petroleum Co., 27-13N-28E, Bethel Rattler 11-27 2	1	21116	Rattlesnake Butte	Amsden	01/01/85	4,680	207	0	
Champlin Petroleum Co., 28-13N-28E, Bethel Kramer 41E-28	1	21119	Rattlesnake Butte	Amsden	01/15/85	3,555	250	0	
Champlin Petroleum Co., 27-13N-28E, Bethel Rattler 12-27 4	1	21120	Rattlesnake Butte	Amsden	03/08/85	3,649	167	0	
Champlin Petroleum Co., 28-13N-28E, Bethel Kramer 31-282	8	21121	Rattlesnake Butte		02/20/85	3,600	0	0	
Champlin Petroleum Co., 21-13N-28E, Bethel Rattler 44-21 5X	3	21122	Rattlesnake Butte		04/13/85	2,915	0	0	
Champlin Petroleum Co., 28-13N-28E, Bethel Kramer 42E-283	1	21124	Rattlesnake Butte	Amsden	04/16/85	3,604	35	0	
Champlin Petroleum Co., 27-13N-28E, Bethel Rattler 13A-27	3	21125	Rattlesnake Butte		04/15/85	3,987	0	0	
Champlin Petroleum Co., 12-13N-28E, Bethel Diamondback 23B-12	6	21127	Wildcat		04/26/85	4,282	0	0	
Champlin Petroleum Co., 22-13N-28E, Bethel Fed 14-22 1	1	21128	Rattlesnake Butte		09/24/85	3,685	0	0	
Champlin Petroleum Co., 21-13N-28E, Bethel Rattler 44-21 5	1	21129	Rattlesnake Butte	Amsden	09/05/85	3,720	87	0	
Champlin Petroleum Co., 06-12N-30E, Cobra Fed 41-6 1	6	21132	Wildcat		10/20/85	8,222	0	0	
Champlin Petroleum Co., 16-13N-28E, State Rattler 42-16 4	3	21134	Rattlesnake Butte		08/01/85	2,950	0	0	
Dynasty Energy Explor., 07-13N-28E, Hassett 7-1	6	21117	Wildcat		11/29/84	3,725	0	0	
Dynasty Energy Explor., 07-14N-28E, Poulton 7-1	3	21123	Winnett Junction		03/08/85	3,649	0	0	
Dynasty Energy Explor., 01-13N-26E, Reynolds 1-1	4	21131	Wildcat	Amsden	06/18/85	2,636	18	0	
Lear Petroleum Explor., 18-13N-26E, Hughes 2-18	6	21137	Wildcat		09/25/85	2,650	0	0	
Mountain States Petroleum Corp, 04-15N-29E, Book 2	1	21133	Cat Creek	2nd Cat Creek	08/05/85	1,930	07	0	
North Central Oil Corp., 31-13N-28E, Hill-Rattler 1	6	21126	Wildcat		04/25/85	4,400	0	0	
<b>Phillips—071</b>									
FMP Oper. Co., 31-34N-32E, 3142 2	2	21926	Bowdoin						
			Whitewater U	Greenhorn, Phillips	09/27/85	1,203	0	542	
FMP Oper. Co., 12-32N-31E, 1221 3	2	21927	Bowdoin Ashfield U	Phillips	09/27/85	1,168	0	469	
FMP Oper. Co., 03-37N-30E, 0370 2	2	21928	Bowdoin Loring U	Greenhorn, Phillips	09/16/85	2,053	0	981	
<b>Pondera—073</b>									
Aikins Drilling Co., 05-27N-04W, Kellogg 5-2	3	21676	Pondera		02/19/85	2,128	0	0	
Balcron Oil Co., 20-30N-01W, Keil Ranch 3A-20	2	21694	Ledger	Bow Island	08/27/85	1,037	0	130	
Balcron Oil Co., 02-28N-02W, Vick 1-2	6	21695	Wildcat		08/30/85	1,440	0	0	
Balcron Oil Co., 01-28N-02W, Van Den Acre 1-1	2	21696	Ledger Area	Bow Island	09/05/85	773	0	107	
Balcron Oil Co., 16-27N-04W, State B 826	1	21700	Pondera	Madison	12/17/85	2,030	17	0	
Balcron Oil Co., 15-27N-04W, Gjullin 10	1	21701	Pondera	Madison	12/09/85	1,992	17	0	
Balcron Oil Co., 16-27N-04W, State A A6	1	21702	Pondera	Madison	12/20/85	2,013	13	0	

# 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
Balcron Oil Co., 16-27N-04W, State B B27	1	21703	Pondera	Madison	12/13/85	2,013	1	0
Carson Oil & Explor., 31-28N-04W, Kellogg 12	1	21690	Pondera Field	Madison	04/24/85	2,169	8	0
George L. Campanella, 06-27N-04W, Mancoronel 85-1	1	21697	Pondera Field	Madison	10/21/85	2,109	14	0
George L. Campanella, 06-27N-04W, Mancoronel 85-2	1	21698	Pondera	Madison	11/22/85	2,132	12	0
George L. Campanella, 06-27N-04W, Mancoronel 85-3	1	21705	Pondera	Madison	12/27/85	2,108	8	0
Hawley Hydrocarbons, 09-27N-04W, Haber B 3	1	21691	Pondera	Madison	05/10/85	2,026	9	0
Hawley Oil Co., 09-27N-02W, Hagen 3	3	21651	S Conrad		01/21/83	1,682	0	0
Hawley Oil Co., 09-27N-04W, Haber B 2	1	21673	Pondera	Madison	04/03/84	2,011	5	0
Hawley Oil Co., 15-27N-04W, Copley 15	1	21682	Pondera	Madison	10/10/84	1,950	5	0
Jerry L. Branch, 31-28N-04W, Everybody 10-31-3	3	21692	Pondera		08/14/85	2,125	0	0
Jerry L. Branch, 31-28N-04W, Everybody 10-31-4	1	21693	Pondera	Madison	09/06/85	2,105	15	0
Mountain States Resources Inc., 31-28N-06W, Bills 20C-D	1	21546	Gypsy Basin	Nisku	07/17/81	5,100	4	23
Mountain States Resources Inc., 31-28N-06W, Bills 15-B	2	21648	Gypsy Basin	Madison	11/14/82	3,372	0	36
Mountain States Resources Inc., 36-28N-07W, State 9	1	21679	Gypsy Basin	Madison	08/07/84	3,320	13	0
<b>Powder River—075</b>								
Anschutz Corp., 27-06S-51E, Cook 13-27	6	22119	Wildcat		12/17/84	7,634	0	0
Champlin Petroleum Co., 14-08S-49E, Horseshoe Fed 42-14 1	6	22180	Wildcat		12/18/85	8,242	0	0
Davis Oil Co., 12-05S-53E, Plantation Fed 1	6	22164	Wildcat		11/16/85	4,926	0	0
Davis Oil Co., 34-09S-50E, Line Creek Fed 1	6	22167	Wildcat		10/27/85	6,450	0	0
Gary-Williams Oil Prod., 33-08S-54E, Muddy Sand U D 33-14X	4	22109	Bell Creek		11/27/83	4,550	0	0
O'Hare Energy Corp., 16-08S-53E, Giacometto-State 16-1	3	22114	Wright Creek		08/06/84	4,866	0	0
O'Hare Energy Corp., 15-09S-53E, Powell 1	3	22123	Bell Creek		12/20/84	4,500	0	0
Smokey Oil Co., Inc., 10-06S-53E, Hendrick 43-10	6	21128	Wildcat		01/22/85	6,740	0	0
Smokey Oil Co., Inc., 11-07S-49E, Gay Ranch 14-11	6	22127	Wildcat		01/19/85	7,725	0	0
Smokey Oil Co., Inc., 20-07S-49E, Gay Ranch 31-20	6	22129	Wildcat		02/05/85	7,850	0	0
Smokey Oil Co., Inc., 27-05S-52E, Sampson 12-27	6	22130	Wildcat		02/08/85	6,740	0	0
Smokey Oil Co., Inc., 21-05S-53E, Deewester 33-21	6	22131	Wildcat		02/22/85	6,616	0	0
Smokey Oil Co., Inc., 25-08S-50E, Russell 41-25	6	22132	Wildcat		02/27/85	8,045	0	0
Smokey Oil Co., Inc., 24-07S-53E, Gottfredson 33-24	6	22133	Wildcat		03/13/85	6,730	0	0
Smokey Oil Co., Inc., 07-09S-53E, Fortner 11-7	6	22134	Wildcat		03/13/85	6,640	0	0
Smokey Oil Co., Inc., 03-06S-54E, Schaffer 43-3	6	22135	Wildcat		04/22/85	6,695	0	0
Smokey Oil Co., Inc., 28-08S-51E, Patten 13-28	6	22136	Wildcat		03/26/85	7,915	0	0
Smokey Oil Co., Inc., 16-09S-51E, Oxy-State 32-16	6	22138	Wildcat		04/12/85	7,860	0	0
Smokey Oil Co., Inc., 34-05S-54E, Vittonatto 22-34	6	22139	Wildcat		04/10/85	6,650	0	0
Smokey Oil Co., Inc., 26-06S-52E, C & C Cattle Co. 44-26	6	22143	Wildcat		04/26/85	6,935	0	0
Smokey Oil Co., Inc., 11-07S-52E, C & C Cattle Co. 14-11	6	22144	Wildcat		05/23/85	6,900	0	0
Smokey Oil Co., Inc., 26-07N-52E, C & C Cattle Co. 32-26	6	22145	Wildcat		05/19/85	6,900	0	0
True Oil Co., 08-08S-50E, Huckins Ranch 13-8	6	22125	Wildcat		05/12/85	8,240	0	0
True Oil Co., 22-07S-53E, C & C Cattle Co. 43-22	6	22137	Wildcat		03/27/85	6,810	0	0
True Oil Co., 14-04S-52E, Green Fed 14-14	6	22141	Wildcat		06/16/85	6,721	0	0
True Oil Co., 20-04S-54E, Bassham Fed 34-20	6	22142	Wildcat		07/04/85	6,432	0	0
True Oil Co., 12-04S-54E, Thompson State 13-12	6	22146	Wildcat		05/05/85	6,187	0	0
True Oil Co., 35-06S-53E, Johnson Fed 31-35	6	22147	Wildcat		06/03/85	6,798	0	0
True Oil Co., 15-07N-54E, Darrell Fed 21-15	6	22148	Wildcat		06/14/85	6,700	0	0
True Oil Co., 29-09S-47E, Cempco State 23-29	6	22151	Wildcat		08/31/85	9,163	0	0
True Oil Co., 30-09S-48E, Oxy-State 14-30	6	22152	Wildcat		06/22/85	8,725	0	0
True Oil Co., 11-09S-46E, Ledbetter Fed 11-11	6	22153	Wildcat		07/29/85	9,380	0	0
True Oil Co., 10-06S-52E, Harris Fed 24-10	6	22154	Wildcat		06/26/85	7,000	0	0
True Oil Co., 07-06S-53E, Johnson Fed 44-7	6	22155	Wildcat		06/29/85	7,078	0	0
True Oil Co., 27-08S-46E, Burns 24-27	6	22156	Wildcat		07/15/85	9,210	0	0
True Oil Co., 11-08S-45E, Barrett Fed 13-11	6	22157	Wildcat		09/18/85	9,157	0	0
True Oil Co., 36-08S-51E, Oxy-State 14-36	6	22158	Wildcat		07/08/85	5,674	0	0
True Oil Co., 14-08S-51E, Mink Fed 41-14	6	22161	Wildcat		08/22/85	7,710	0	0
True Oil Co., 16-09S-52E, Oxy-State 23-16	6	22162	Wildcat		08/03/85	6,933	0	0
True Oil Co., 20-07S-45E, Thrash Fed 34-20	6	22163	Wildcat		08/12/85	8,960	0	0
True Oil Co., 18-07S-45E, Thrash Fed 11-18	6	22166	Wildcat		08/31/85	9,294	0	0
True Oil Co., 03-08S-53E, Patten 22-3	6	22169	Wildcat		09/10/85	6,664	0	0
True Oil Co., 23-07S-48E, Shields Fed 41-23	6	22170	Wildcat		09/21/85	8,185	0	0
True Oil Co., 06-06S-52E, Stuver 44-6	6	22171	Wildcat		09/25/85	7,075	0	0

## 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
<b>Powell—077</b>								
Amoco Prod. Co., 34-07N-09W, Fee Clifford Benson 1	6	21003	Wildcat		08/31/84	7,134	0	0
<b>Prairie—079</b>								
American Hunter Explor., 21-15N-45E, Crow Rock 1	6	21031	Wildcat		12/13/85	8,105	0	0
<b>Richland—083</b>								
Bass Brothers Enterprises, 31-22N-59E, BADT 31-24	6	21743	Wildcat		08/24/85	12,232	0	0
BWAB Inc., 16-25N-59E, State 16-12	1	21745	Fairview Area	Ratcliffe	12/04/85	9,314	47	0
Cenergy Explor. Co., 29-26N-59E, Meldahl 41-29	6	21667	Wildcat		12/21/84	12,130	0	0
Cenergy Explor. Co., 35-24N-55E, Cooper 1-35	6	21718	Wildcat		06/25/84	12,200	0	0
Cenergy Explor. Co., 22-26N-59E, Rasmussen 24-22	1	21742	Nohly	Ratcliffe	08/05/85	9,050	109	40
Diamond Shamrock Explor., 17-25N-57E, Sjostrum Fee 33-17	6	21709	Wildcat		04/19/84	12,800	0	0
Diversified Resources Ltd., 30-23N-58E, Ennist 2-30	6	21698	Wildcat		04/11/85	9,559	0	0
Diversified Resources Ltd., 20-23N-58E, Norgaard 10-20	1	21733	Vaux	Midale	03/01/85	9,632	40	0
Donald C. Slawson Oil Producer, 34-25N-55E, Kemp 1-34	1	21736	Girard	Red River	03/08/85	11,954	152	0
Kaneb Oil & Gas Co., 12-24N-54E, Vaira 1-12	6	21200	Wildcat		08/30/85	4,189	0	0
Milestone Petroleum, Inc., 18-21N-59E, Gorder 24-18	6	21735	Wildcat		01/28/85	12,335	0	0
Milestone Petroleum, Inc., 29-21N-59E, BN 12-29	6	21741	Wildcat		05/24/85	12,280	0	0
Pend Oreille Oil & Gas Co., 14-22N-55E, Bessie Bolstad 1	6	21734	Wildcat		01/21/85	11,802	0	0
Pennzoil Co., 14-25N-57E, Norby 2	1	21729	Sioux Pass	Red River	01/28/85	12,970	285	0
Pennzoil Co., 27-26N-59E, Cayko 3	1	21732	Nohly	Nisku	01/27/85	11,195	238	0
Phillips Oil Co., 01-25N-59E, Dahl 14-1	3	21713	Ridgelawn		05/24/84	12,961	0	0
Texaco, Inc., 12-22N-57E, R.C. Lueck Nct-1	1	21730	Intake II	Mission Canyon	02/05/85	12,470	12	0
Tom Brown, Inc., 21-25N-57E, Baue 21-24	4	21731	Lone Butte **	Red River	01/02/85	12,700	606	0
Tom Brown, Inc., 28-25N-57E, Peterson 28-31	6	21739	Wildcat		05/16/85	12,782	0	0
<b>Roosevelt—085</b>								
BWAB Inc., 27-27N-59E, Berry 27-21X	6	21512	Wildcat		10/23/85	13,500	0	0
Cenergy Explor. Co., 16-27N-59E, State 11-16	6	21478	Wildcat		10/20/84	13,270	0	0
Diamond Shamrock Explor., 27-30N-58E, Lavern Fee 21-27	6	21413	Wildcat		04/15/83	12,635	0	0
Diamond Shamrock Explor., 18-30N-59E, Sunmark Crusch Fee 1-R	1	21493	Anvil	Red River C	03/11/85	12,740	652	0
Donald C. Slawson Oil Prod., 18-27N-58E, Harmon Farms 2-18	6	21494	Wildcat		02/17/85	12,725	0	0
Donald C. Slawson Oil Prod., 06-27N-59E, Nelson Ranch 1-6	4	21500	Bainville II **	Red River	08/03/85	12,740	320	135
Energy Reserves Group, Inc., 09-29N-47E, Rebean Clark 5-9	6	21495	Wildcat		02/20/85	7,895	0	0
Energy Reserves Group, Inc., 21-30N-48E, Murphy Zimmeran 14-21	1	21498	Chelsea Creek	Nisku	07/18/85	8,062	176	120
Enserch Explor., Inc., 01-30N-49E, Brown Estate 1-1	6	21492	Wildcat		01/12/85	8,000	0	0
Exeter Explor. Co., 23-30N-57E, Sundvold 12-23	1	21483	Shotgun Creek	Ratcliffe	12/21/84	8,928	30	0
Exxon Corp., 27-27N-57E, Harmon State 1	6	21511	Wildcat		09/29/85	11,329	0	0
Fina Oil & Chemical Co., 12-30N-47E, Houg Farms 12-1	3	21520	Tule Creek Area		11/29/85	7,765	0	0
Harper Oil Co., 08-28N-52E, Red Whitefeather Estate 11-8	3	21472	E Poplar		08/14/84	6,073	0	0
HNG Oil Co., 31-31N-51E, Swank 31 1R	6	21427	Wildcat		09/15/85	7,000	0	0
John L. Cox, 18-30N-46E, Heinrich 1-18	6	21496	Wildcat		01/28/85	7,476	0	0
Ladd Petroleum Corp., 21-30N-59E, Iverson 2-21	1	21502	Anvil	Ratcliffe	07/21/85	9,050	150	123
Nance Petroleum Corp., 34-29N-57E, Olson 11-34	4	21479	E McCabe **	Winnipegosis	02/01/85	12,430	46	0
Petrocorp Inc., 32-30N-48E, Patterson 32-1	6	21508	Wildcat		09/04/85	7,700	0	0
Phillips Petroleum Co., 28-30N-50E, Long Creek 1-28R	1	21481	NW Poplar	Charles C	09/07/84	6,500	198	0
Sinclair Oil Corp., 31-30N-48E, Jensen 15-31	4	21489	S Tule Creek **	Nisku	02/03/85	7,930	312	0
Sun Explor. & Prod., 20-28N-58E, Grindland 1	6	21507	Wildcat		09/24/85	12,435	0	0
<b>Rosebud—087</b>								
Champlin Petroleum Co., 14-06N-41E, Dahlman 43-14 1	6	21575	Wildcat		09/30/85	7,071	0	0
Champlin Petroleum Co., 13-07N-40E, Lee 1-13 1	6	21576	Wildcat		08/30/85	6,355	0	0
Champlin Petroleum Co., 29-07N-43E, Frank 12D-29 1	6	21578	Wildcat		10/26/85	7,187	0	0
Conoco, Inc., 02-12N-32E, Raymond 25-7	1	21556	Rattler Butte	Tyler	03/26/85	5,570	20	0
Elenberg Explor., Inc., 35-12N-32E, Coffee 1-35	6	21554	Wildcat		07/28/84	5,570	0	0
Exeter Explor. Co., 21-11N-32E, Schwahn 15-21	6	21572	Wildcat		02/26/85	5,009	0	0
Grace Petroleum Corp., 04-11N-32E, Schock 33-4	3	21534	High Five U		10/29/83	5,765	0	0

## 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
L.L. Tuck, 35-11N-31E, Kincheloe-Andreas 1	6	21561	Wildcat		11/20/84	4,553	0	0
Milestone Petroleum, Inc., 33-13N-34E, Christ 22-33	6	21568	Wildcat		04/08/85	4,740	0	0
Milestone Petroleum, Inc., 05-12N-34E, Rogers 22-5	6	21569	Wildcat		01/10/85	5,120	0	0
Phillips Oil Co., 36-13N-33E, Cheshire State A 1-36	6	21564	Wildcat		12/08/84	4,951	0	0
Phillips Petroleum Co., 02-12N-35E, McGinnis A 1-2	6	21557	Wildcat		10/28/84	6,625	0	0
TXO Prod. Corp., 22-11N-32E, Best A 1	3	21571	Sumatra		03/23/85	5,090	0	0
Valero Producing Co., 18-10N-32E, Midkiff 34-18 1	6	21558	Wildcat		10/23/84	5,280	0	0
Valero Producing Co., 13-09N-34E, Valero BN 43-13 1	6	21581	Wildcat		12/16/85	4,710	0	0
<b>Sheridan—091</b>								
Amoco Production Co., 35-36N-56E, Domonoske 1	6	21574	Wildcat		04/22/85	11,000	0	0
Atlantic Richfield Co., 32-32N-59E, Hoffelt 2	1	21558	Rush Mountain	Gunton	01/02/85	12,086	304	0
Atlantic Richfield Co., 29-32N-59E, Arco Turtle	1	21577	E Dwyer	Red River D	07/13/85	12,075	320	0
Berenergy Corp., 33-37N-58E, Stubbe A 1	8	21566	Wildcat		12/05/84	6,842	0	0
Conoco, Inc., 34-34N-53E, Michels Farms 34 1	6	21594	Wildcat		12/05/85	11,017	0	0
Depco, Inc., 23-36N-58E, Nordhagen 32-23	3	21578	Goose Lake		05/14/85	7,234	0	0
Donald C. Slawson Oil Producer, 08-33N-58E, Guenther 2-8	1	21565	Clear Lake	Red River	03/06/85	11,400	188	0
EP Oper. Co., 35-35N-55E, Logan 1-35	6	21539	Wildcat		04/30/84	10,680	0	0
Exeter Explor. Co., 14-37N-56E, Allen 1-14	1	21570	Salt Lake	Ratcliffe	03/17/85	8,120	23	0
Forest Oil Corp., 08-34N-56E, Danielson 1	6	21557	Wildcat		10/01/84	10,970	0	0
Grace Petroleum Corp., 23-36N-52E, Outlook Fed 23-3	1	21580	Middle Outlook	Winnipegosis	08/02/85	9,870	2	0
Harper Oil Co., 15-33N-58E, Dahl 4-15	3	21575	Brush Lake		05/03/85	7,750	0	0
Hunt Oil Co., 24-36N-52E, Ruegsegger 2-24	6	21562	Wildcat		10/31/84	9,800	0	0
Hunt Oil Co., 16-36N-57E, State of Montana 1-16	1	21567	S Comertown	Red River C & D	02/24/85	11,050	148	0
Hunt Oil Co., 21-36N-57E, Hensler 2-21	1	21571	S Comertown	Nisku	05/02/85	11,018	50	0
Meridian Oil, Inc., 25-36N-54E, Syme 32-25	6	21581	Wildcat		07/25/85	10,400	0	0
Milestone Petroleum, Inc., 36-36N-54E, McCoy-State 22-36	4	21564	McCoy Creek ***	Red River C	01/25/85	10,370	51	0
Milestone Petroleum, Inc., 25-36N-54E, Hendricksmier 11-25	6	21568	McCoy Creek		02/01/85	10,330	0	0
Southport Explor., Inc., 30-34N-56E, Richardson 1-30	6	21582	Wildcat		07/19/85	11,025	0	0
Sun Explor. & Prod., 12-33N-55E, John J. Murray 1	1	21534	Wakea	Red River B	02/25/85	10,997	108	0
Sun Explor. & Prod., 01-33N-55E, Brekke A 1	1	21546	Wakea	Winnipegosis	01/18/85	10,084	158	0
Sun Explor. & Prod., 12-33N-55E, Holje 3	1	21549	Wakea	Winnipegosis	01/05/85	10,179	229	0
Sun Explor. & Prod., 01-33N-55E, Brekke A 2	1	21550	Wakea	Interlake	01/28/85	10,981	230	0
Sun Explor. & Prod., 06-33N-57E, E. Sunsted 1	4	21576	Olje ***	Red River	06/10/85	11,429	334	0
Sun Explor. & Prod., 31-34N-57E, Johansen 1	6	21583	Wildcat		08/17/85	11,425	0	0
Texas Gas Explor. Corp., 19-35N-58E, Dahlgaard 1-19	3	21592	Goose Lake		10/11/85	7,400	0	0
Universal Resources Corp., 29-34N-58E, Larsen 1-29	3	21585	Divide Area		08/10/85	07,700	0	0
Williams Explor. Co., 23-36N-52E, Outlook Fed 1	6	21556	Wildcat		11/13/84	09,150	0	0
Xplor Energy Corp., 29-36N-58E, Reed 13-29	3	21569	Goose Lake		02/05/85	07,002	0	0
<b>Stillwater—095</b>								
Atlantic Richfield Co., 06-04S-19E, Arco Deadpan Draw 1-6	6	21196	Wildcat		01/23/85	9,066	0	0
Atlantic Richfield Co., 20-04S-20E, Arco Grayburg 1-20	6	21195	Wildcat		01/06/85	7,982	0	0
Atlantic Richfield Co., 23-03S-20E, Arco Knee Trembler 1-23	6	21193	Wildcat		12/13/84	8,714	0	0
Energy Rock, Inc., 27-03N-21E, Marsh 1-27	6	21192	Wildcat		05/20/85	1,440	0	0
Energy Rock, Inc., 23-03N-21E, Bradbrook 13-23	2	21198	Little Basin		05/09/85	1,348	0	1
Energy Rock, Inc., 20-01S-22E, Henry 13-20	6	21203	Wildcat		10/18/85	1,040	0	0
Energy Rock, Inc., 17-03N-21E, Bradbrook 1-17	6	21207	Wildcat		08/04/85	1,034	0	0
Energy Rock, Inc., 09-03N-21E, Bradbrook 13-9	6	21208	Wildcat		09/03/85	1,063	0	0
Sunray Oil Co., 13-04S-17E, White Deer 1	6	21201	Wildcat		08/07/85	5,628	0	0
<b>Sweetgrass—097</b>								
Concept Resources Ltd., 12-01S-17E, Fraser 6-12	6	21038	Wildcat		05/03/83	2,871	0	0
<b>Teton—099</b>								
Balcron Oil Co., 04-27N-05W, State 7-4	1	21262	Pondera Coulee	Madison	12/03/85	2,454	18	0
Comanche Drilling Co., 26-25N-03W, Corey 22-26	6	21254	Wildcat		04/23/85	1,575	0	0
D.A. Padon, 19-27N-04W, Nauman 19-1	3	21255	Pondera		07/31/85	2,280	0	0
Darrel A. Lowrance, 22-27N-04W, Morris 13	1	21244	Pondera	Madison	12/14/84	2,133	08	0
Flying J Explor., 33-26N-01E, State 15A-33	1	21248	Bannatyne	Swift	12/01/84	1,541	1.5	0
Flying J Explor., 33-26N-01E, State 16C-33	1	21249	Bannatyne	Swift	12/06/84	1,536	1.5	0

## 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
Great Northern Drilling Co., 05-25N-03W, Caskey 44-5	2	21253	Runaway	Madison	04/14/85	1,809	0	1,000
Hawley Oil Co., 22-27N-04W, Dubois 5	1	21123	Pondera	Madison	09/16/80	2,024	08	0
Mountain States Resources Inc., 03-27N-06W, Perkins 3-2	1	21238	Highviewd	Madison	09/05/84	3,313	04	0
Mountain States Resources Inc., 03-27N-06W, Ira Perkins 3-5	2	21239	Highview	Bootlegger	09/14/84	3,328	0	45
Mountain States Resources Inc., 04-27N-06W, Ira Perkins 4-8	2	21240	Highview	Madison, Sun River	09/25/84	3,388	0	0
Parnect Oil, 22-27N-04W, Ed Jones 1A	1	21257	Pondera	Madison	10/30/85	2,092	15	0
Parnect Oil, 22-27N-04W, Ed Jones 3	1	21259	Pondera	Madison	11/15/85	2,073	10	0
Parnect Oil, 22-27N-04W, Ed Jones 4	1	21260	Pondera	Madison	12/08/85	2,084	10	0
Parnect Oil, 22-27N-04W, Ed Jones 5	1	21261	Pondera	Madison	12/26/85	2,099	10	0
<b>Toole—101</b>								
Adobe Resources Corp., 36-31N-02E, State Peterson 11-36	6	22874	Wildcat		05/31/85	1,050	0	0
Adobe Resources Corp., 01-30N-02E, Ingwald Frances 11-1	6	22875	Wildcat		05/29/85	1,000	0	0
Adobe Resources Corp., 20-31N-03E, Edmister Coulee 11-20	2	22876	Galata	M-2 Bow Island	07/17/85	895	0	152
Adobe Resources Corp., 06-31N-03E, Oil Railroad Grade 43-6	2	22877	Galata		07/18/85	813	0	236
Adrian G. Walls, 25-36N-01E, Dix-Mont Bertholote 1	3	22845	Bertholote		03/25/85	2,664	0	0
Adrian G. Walls, 29-35N-02W, Zimmerman 8	1	22855	Kevin Sunburst	Madison	03/22/85	1,593	3	0
Adrian G. Walls, 18-34N-02W, Owl 3	1	22868	Kevin Sunburst	Madison	06/17/85	1,563	2	75
Adrian G. Walls, 18-34N-02W, Owl 4	1	22870	Kevin Sunburst	Madison	05/21/85	1,524	5	50
Adrian G. Walls, 08-35N-02W, Pederson 3	1	22886	Kevin Sunburst	Madison	06/21/85	1,648	5	0
Adrian G. Walls, 28-35N-03W, Bailey Ag-5A	1	22892	Kevin Sunburst	Madison	06/26/85	1,822	3	0
Adrian G. Walls, 05-34N-02W, Green 5-28	1	22914	Kevin Sunburst	Madison	08/11/85	1,470	5	0
Adrian G. Walls, 31-35N-03W, Leach 31-1	1	22915	Kevin Sunburst	Madison	08/28/85	1,774	8	0
Adrian G. Walls, 30-35N-03W, McNamer 30-1	2	22921	Kevin Sunburst	Bow Island	09/10/85	1,834	0	250
Adrian G. Walls, 08-35N-02W, Fed 1-A	3	22929	Kevin Sunburst		10/09/85	1,803	0	0
Adrian G. Walls, 31-35N-02W, Weasel 1	3	22931	Kevin Sunburst		10/03/85	1,599	0	0
Adrian G. Walls, 30-35N-03W, Mullady 11-30	2	22933	Kevin Sunburst	Bow Island	10/01/85	1,924	0	100
Adrian G. Walls, 31-35N-03W, Leach 31-2	2	22980	Kevin Sunburst	Bow Island	10/17/85	399	0	45
Adrian G. Walls, 16-34N-01W, Malone State 3	2	22983	Kevin Sunburst	Sunburst	10/24/85	1,275	0	202
Adrian G. Walls, 16-34N-01W, Malone State 4	1	22986	Kevin Sunburst	Madison	10/26/85	1,412	5	0
Beartooth Oil & Gas Co., 15-10N-27E, BNI 15-3	3	21723	S Little Wall Area		01/23/85	3,650	0	0
Blue Diamond Petrol, Inc., 18-34N-02W, NW Holding Co. 15-18	1	22754	Kevin Sunburst	Madison	04/30/85	1,543	10	0
Blue Diamond Petrol, Inc., 10-34N-02W, Barry Green 9-14-10	1	22780	Kevin Sunburst	Madison	02/14/85	1,511	5	0
Blue Diamond Petrol, Inc., 10-34N-02W, Barry Green 7-14-10	1	22783	Kevin Sunburst	Madison	02/17/85	1,540	10	0
Blue Diamond Petrol, Inc., 19-34N-02W, Fed 1-6-19	1	22906	Kevin Sunburst	Madison	08/14/85	1,650	15	0
Bud King Construction Co., 18-34N-02W, Jensen 5	1	22901	Kevin Sunburst	Madison	07/24/85	1,556	8	0
Bud King Construction Co., 18-34N-02W, Sorrell-Jensen 4	1	23039	Kevin Sunburst	Madison	12/13/85	1,654	5	0
Cavalier Petroleum, 27-34N-01W, Collier 2-27	2	22934	Prairie Dell	3rd Bow Island, Swift	11/16/85	1,350	0	400
Celsius Energy Co., 32-35N-01E, State 32-1	1	22984	E Kevin	Nisku	12/13/85	3,102	8	0
Comanche Drilling Co., 02-37N-03W, Bryant 2-1	6	22895	Wildcat		07/27/85	2,511	0	0
Croft Petroleum Co., 17-35N-01W, Gerlough 1	1	22840	Kevin Sunburst	Swift, Madison	03/22/85	1,752	1	0
Croft Petroleum Co., 21-35N-02E, Gunderson 1-21	7	22869	Wildcat		06/08/85	315	0	0
Croft Petroleum Co., 21-35N-02E, Gunderson 1-21 X	4	22882	Dutch John Coulee ***	Sunburst A	07/04/85	2,040	190	0
Croft Petroleum Co., 21-35N-02E, Gunderson 2-21	1	22911	Dutch John Coulee	Sunburst	09/03/85	2,060	255	0
Croft Petroleum Co., 28-35N-02E, Gunderson 41-28	2	22930	Dutch John Coulee	Sunburst	09/29/85	2,000	0	0
Croft Petroleum Co., 21-35N-02E, Triple G Farms 3-21	1	22932	Dutch John Coulee	Swift	10/18/85	2,060	02	0
Croft Petroleum Co., 08-35N-03W, Fed 6-8	3	22981	Kevin Sunburst		10/20/85	2,631	0	0
Croft Petroleum Co., 22-35N-02E, Gunderson 1-22	1	22985	Dutch John Coulee	Sunburst	11/04/85	2,060	22	0
Davis Petroleum, 15-35N-02E, Sveum 1	6	22951	Wildcat		10/14/85	2,150	0	0
Eastern American Energy Corp., 09-35N-03W, Texaco 12	1	22903	Kevin Sunburst	Madison	11/13/85	2,095	03	0
Flying J. Explor., 02-33N-01E, Wiegand 1-2	2	22408	W Willow Ridge	4th Bow Island	11/14/85	902	0	159
Frontier Explor. Co., 23-35N-02W, Fed 23-19	1	22262	Kevin Sunburst		07/06/82	1,475	0	0
Frontier Explor. Co., 32-35N-03W, Fed 5-32	2	22917	Kevin Sunburst	Sunburst	08/24/85	1,476	0	295
G.B. Coolidge, Inc., 32-35N-02W, Schmidt 1	1	22860	Kevin Sunburst	Madison	07/10/85	1,483	30	0
G.B. Coolidge, Inc., 06-34N-01E, Zimmerman Realty 1-X	2	22883	E Kevin	Sunburst	08/04/85	1,379	0	38
G.B. Coolidge, Inc., 32-35N-02W, Schmidt 2	1	22912	Kevin Sunburst	Madison	08/13/85	1,512	20	0
G.B. Coolidge, Inc., 29-35N-02W, Schmidt 3	1	22913	Kevin Sunburst	Madison	08/15/85	1,504	08	0
General Well Service, 26-35N-01W, Anderson 1	1	22495	Kevin Sunburst	Nisku Gas	08/13/85	3,025	01	0



# 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
Guy L. Wiggs, 13-35N-03W, Fed 1	1	22853	Kevin Sunburst	Madison	05/17/85	1,695	08	0
Hellgate Ventures, Inc., 09-34N-02W, McKee 1	1	22910	Kevin Sunburst	Madison	08/07/85	1,514	06	0
Hellgate Ventures, Inc., 09-34N-02W, Fifer 1	1	23015	Kevin Sunburst	Madison	12/22/85	1,515	24	0
J. Burns Brown Oper. Co., 27-34N-03W, Helgesen 27-34-3	2	22888	SW Kevin	Sunburst	07/19/85	1,370	0	278
J. Burns Brown Oper. Co., 35-34N-03W, Potter 35-34-3	2	22889	SW Kevin	Sunburst	07/19/85	1,390	0	333
J. Burns Brown Oper. Co., 21-34N-03W, Potter 21-34-3W	2	22891	Kevin Sunburst	Sunburst	07/19/85	1,345	0	254
J.M. Resources, Inc., 13-34N-02W, USA 9	3	22842	Kevin Sunburst		02/28/85	1,440	0	0
J.M. Resources, Inc., 13-34N-02W, USA 10	3	22843	Kevin Sunburst		02/24/85	283	0	0
J.M. Resources, Inc., 13-34N-02W, USA 10R	1	22851	Kevin Sunburst	Madison	03/06/85	1,585	01	0
J.R. Bacon Drilling, Inc., 06-34N-01W, Duluth 2	1	22404	Kevin Sunburst	Madison	08/09/85	1,450	02	0
J.R. Bacon Drilling, Inc., 14-34N-03W, Leuck Schabre 2	3	22694	Kevin Sunburst		02/25/85	1,900	0	0
J.R. Bacon Drilling, Inc., 07-34N-01W, Vucanovich 2	1	22698	Kevin Sunburst	Madison	11/14/85	1,390	01	0
J.R. Bacon Drilling, Inc., 04-34N-01W, Texaco 1X	1	22707	Kevin Sunburst	Madison	02/12/85	1,544	0	0
J.R. Bacon Drilling, Inc., 32-35N-01W, McCartney 3	1	22759	Kevin Sunburst	Madison	01/05/85	1,565	03	0
J.R. Bacon Drilling, Inc., 02-34N-02W, Ruby 6	1	22764	Kevin Sunburst	Madison	01/15/85	1,541	03	0
J.R. Bacon Drilling, Inc., 07-34N-01W, Woods 3X	1	22765	Kevin Sunburst	Madison	01/28/85	1,461	03	0
J.R. Bacon Drilling, Inc., 07-34N-01W, S Harte 4X	1	22779	Kevin Sunburst	Madison	01/16/85	1,455	40	0
J.R. Bacon Drilling, Inc., 07-34N-01W, N Harte 8X	1	22828	Kevin Sunburst	Madison	01/04/85	1,390	100	0
J.R. Bacon Drilling, Inc., 12-34N-03W, Loftus 1	1	22841	Kevin Sunburst	Madison	01/08/85	1,634	02	0
J.R. Bacon Drilling, Inc., 07-34N-01W, Woods 4X	1	22844	Kevin Sunburst	Madison	01/22/85	1,477	05	0
J.R. Bacon Drilling, Inc., 25-35N-02W, Nepstad-State 17	1	22846	Kevin Sunburst	Madison	01/18/85	1,540	12	0
J.R. Bacon Drilling, Inc., 25-35N-02W, N Byme 3	1	22847	Kevin Sunburst	Madison	01/25/85	1,665	0	0
J.R. Bacon Drilling, Inc., 12-34N-02W, Hille 2	1	22849	Kevin Sunburst	Madison	20/20/85	1,460	20	0
J.R. Bacon Drilling, Inc., 11-34N-04W, Dahlen 3-11	3	22857	Kevin Sunburst		08/31/85	2,010	0	0
J.R. Bacon Drilling, Inc., 22-34N-04W, J. Negu 1	3	22887	Kevin Sunburst		08/08/85	2,088	0	0
Jerry L. Branch, 10-34N-03W, Fed 1-10	3	22873	Kevin Sunburst		09/28/85	1,414	0	0
Jerry L. Branch, 05-30N-01E, Diemert 5-8	5	22881	S Devon **	4th Bow Island	06/14/85	1,082	0	251
Jerry L. Branch, 22-34N-03W, Johnson 15-22	2	22902	Kevin Sunburst	Sunburst, Dakota	08/20/85	1,354	0	259
Jerry L. Branch, 03-34N-03W, Bye 7-3	2	22908	Kevin Sunburst	Sunburst	08/31/85	1,375	0	777
Jerry L. Branch, 28-34N-03W, Exxon 3-28	3	22909	SW Kevin		08/26/85	1,485	0	0
Lawrence J. McCarthy, 06-33N-03E, Kanning 1-6	2	22916	S Willow Ridge	Sunburst Sand	11/25/85	1,983	0	5,000
Michael T. Buckley, 09-37N-04W, Wilcox 7X	1	22885	Cut Bank	Lower Cut Bank	06/29/85	2,662	30	0
Michael T. Buckley, 09-37N-04W, Pugh 4	1	22988	Cut Bank	Cut Bank	11/16/85	2,648	10	0
Milestone Petroleum, Inc., 21-35N-01E, Tordale 42-21	1	22755	Ninemile	Nisku	02/01/85	3,450	53	0
Milestone Petroleum, Inc., 21-35N-01E, Tordale 33-21	6	22848	Wildcat		03/09/85	4,410	0	0
Montana Pacific Oil & Gas, 09-34N-01W, Barger 9	1	22714	Kevin Sunburst	Madison	03/18/85	1,420	100	500
Montana Pacific Oil & Gas, 07-34N-01W, Dakota State 19	1	22715	Kevin Sunburst	Madison	04/15/85	1,413	50	0
Montana Pacific Oil & Gas, 07-34N-01W, Dakota State 18	1	22718	Kevin Sunburst	Madison	06/20/85	1,444	01	0
Montana Pacific Oil & Gas, 20-34N-01W, Adams 3	8	22726	Kevin Sunburst		06/03/85	1,598	0	0
Montana Pacific Oil & Gas, 07-34N-01W, Dakota State 22	1	22727	Kevin Sunburst	Madison	02/07/85	1,370	100	0
Montana Pacific Oil & Gas, 08-34N-01W, Wilcox 7	8	22738	Kevin Sunburst		06/31/85	1,624	0	0
Montana Pacific Oil & Gas, 04-34N-02W, Corey Fed 4-5	1	22854	Kevin Sunburst	Madison	06/15/85	1,588	01	0
Montana Pacific Oil & Gas, 02-34N-02W, Bradley 11	8	22863	Kevin Sunburst		07/15/85	1,592	0	0
Montana Power Co., 29-33N-01W, Fee 4-29	2	22743	Old Shelby	Sunburst, Swift	10/30/85	1,395	0	482
Montana Power Co., 31-33N-01W, Lieberg 7-31	2	22924	Old Shelby	Swift	10/05/85	1,461	0	369
Northern American Resources Co., 30-37N-04W, State 3-30X	3	22732	Cut Bank		11/02/84	2,787	0	0
Panther Oil Properties Inc., 14-34N-04W, Panther 14-1	3	22867	Kevin Sunburst		05/28/85	2,028	0	0
Quintana Petroleum Corp., 10-33N-02E, Guith 1-10	6	22890	Wildcat		07/08/85	3,125	0	0
Quintana Petroleum Corp., 04-34N-01E, Celsius-State 1-4	1	22893	E Kevin Nisku Oil	Nisku	08/20/85	3,100	100	0
Quintana Petroleum Corp., 31-35N-01E, Wiegand 2-31	1	22907	E Kevin	Nisku	10/16/85	3,015	0	0
Rimrock Drilling Co., 08-34N-02W, Hustad 1	1	22712	Kevin Sunburst	Madison	11/26/84	1,463	04	0
Rimrock Drilling Co., 18-34N-02W, State 4	1	22856	Kevin Sunburst	Madison	05/15/85	1,530	12	0
Rimrock Drilling Co., 08-34N-02W, Hustad 2	1	22859	Kevin Sunburst	Madison	05/04/85	1,500	02	0
Rimrock Drilling Co., 18-34N-02W, Lonesome 3	1	22871	Kevin Sunburst	Madison	06/15/85	1,534	05	0
Rimrock Drilling Co., 18-34N-02W, State 5	1	22894	Kevin Sunburst	Madison	07/10/85	1,535	03	0
Rimrock Drilling Co., 08-34N-01W, Texas 1	1	22900	Kevin Sunburst	Madison	08/25/85	1,500	01	0
Rimrock Drilling Co., 08-34N-01W, Texas 2	3	22928	Kevin Sunburst		10/29/85	1,520	0	0
Rimrock Drilling Co., 07-34N-02W, State 6	3	22935	Kevin Sunburst		10/29/85	1,325	0	0
S & W Petroleum Consultants, 08-36N-03W, Simmes N508	2	22850	Amanda	Bow Island	03/10/85	1,320	0	217
S & W Petroleum Consultants, 12-36N-04W, State B112	2	22858	Amanda	Bow Island	04/16/85	1,743	0	241
Somont Oil Co., Inc., 23-35N-02W, Zimmerman 3	1	22553	Kevin Sunburst	Madison	04/03/84	1,678	02	0
Somont Oil Co., Inc., 10-35N-02W, Fenna Bruins 23	1	22578	Kevin Sunburst	Madison	04/11/84	1,684	02	0

## 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
Somont Oil Co., Inc., 30-35N-02W, New Helmerick 1	1	22864	Kevin Sunburst	Madison	05/04/85	1,531	01	0
Somont Oil Co., Inc., 08-35N-02W, Beaupre 1	1	22865	Kevin Sunburst	Madison	05/09/85	1,714	02	0
Somont Oil Co., Inc., 29-35N-04W, Bailey 1	2	22866	Cut Bank	Kootenai	05/24/85	1,973	0	600
Somont Oil Co., Inc., 35-35N-03W, Fed 3	2	22879	Kevin Sunburst	Madison	06/25/85	1,608	0	0
Somont Oil Co., Inc., 31-35N-03W, Shay 2	1	22925	Kevin Sunburst	Madison	09/18/85	1,855	02	0
Sunburst Explor., Inc., 05-34N-01E, Suphellen 2	1	22918	E Kevin	Nisku	09/24/85	3,100	108	0
Sunburst Explor., Inc., 05-34N-01E, Suphellen 3	1	22926	E Kevin	Nisku	10/09/85	3,078	36	0
Western Natural Gas Co., 13-34N-03W, Blumberg 8-13-3	1	22919	Kevin Sunburst	Madison	09/05/85	1,650	10	0
Western Reserves, Inc., 06-34N-01W, Duluth 3	3	22407	Kevin Sunburst		10/13/82	1,462	0	0
<b>Treasure—103</b>								
Hewitt Producing Co., 03-05N-34E, Balzer 3-1	6	21016	Wildcat		10/28/84	6,028	0	0
Texas Gas Explor. Corp., 08-08N-36E, Froze 24-8	6	21018	Wildcat		10/26/85	7,400	0	0
<b>Valley—105</b>								
Anadarko Petroleum Corp., 36-31N-43E, Crawford A 3	8	21344	Lustre		02/18/85	6,000	0	0
Anadarko Petroleum Corp., 30-31N-44E, Crawford A 4	1	21347	Lustre	Upper Charles D	01/08/85	6,050	63	0
Anadarko Petroleum Corp., 21-31N-43E, Glen Daley A 1	1	21377	Lustre Area	Lower Charles	10/13/85	6,100	73	4
Atlantic Richfield Co., 14-34N-43E, State-Gully Washer 1-14	6	21356	Wildcat		03/15/85	6,600	0	0
Atlantic Richfield Co., 03-33N-43E, Arco Chip Kicker 1-3	6	21357	Wildcat		12/27/84	6,398	0	0
Atlantic Richfield Co., 21-34N-43E, Arco Toe Dancer 1-21	6	21358	Wildcat		01/01/85	7,200	0	0
C. Lee Mueller, 31-31N-44E, G.E. Wilder 1	1	21279	Lustre Area	Ratcliffe	05/03/85	5,615	108	43
C. Lee Mueller, 32-31N-44E, Sun Tribal 14-32	1	21380	Lustre	Ratcliffe	11/23/85	5,703	124	11
Clayton W. Williams, Jr., 10-31N-44E, Sandvick 1-10	3	21336	N Lustre		09/25/84	6,175	0	0
Conoco, Inc., 11-35N-40E, Conoco Edwards 11 1	6	21370	Wildcat		08/15/85	7,350	0	0
Exxon Corp., 28-31N-44E, Bellonger Clark 1	1	21270	Lustre	Charles C	04/10/84	6,225	20	0
Exxon Corp., 13-31N-43E, Iron Bear Heirs 1	1	21276	Lustre	Charles C	01/02/84	5,354	70	0
Exxon Corp., 35-31N-43E, Marie Standing Heirs 1	1	21277	Lustre	Mission Canyon	12/25/83	6,065	32	0
Exxon Corp., 35-31N-43E, Cranston Et Al 1	7	21298	Lustre		02/16/85	6,100	0	0
Exxon Corp., 26-31N-43E, Sylvia Roberts 1	1	21306	Lustre	Mission Canyon	07/07/84	5,925	55	0
Exxon Corp., 23-31N-43E, Wilbur J. Redstone 1	1	21309	Lustre	Mission Canyon	06/09/84	5,951	36	0
Exxon Corp., 28-31N-44E, Bellonger-Clark 2	1	21310	Lustre	Charles C	03/09/85	6,265	42	0
Exxon Corp., 34-31N-43E, Edward Reuter Dahl 1	1	21312	Porcupine Creek	Mission Canyon	06/05/84	6,150	60	0
Exxon Corp., 23-31N-43E, Lilly Puentes 1	1	21324	Lustre	Charles D	05/04/84	5,875	3	0
Exxon Corp., 30-31N-43E, Buen 1	6	21334	Wildcat		01/13/85	6,200	0	0
Exxon Corp., 31-31N-44E, C. Reddig 3	1	21351	Lustre	Charles C	02/14/85	6,090	147	0
Exxon Corp., 34-31N-44E, Hilda Martens 3	1	21360	Lustre	Charles C	04/02/85	6,010	20	0
Exxon Corp., 10-30N-44E, Todd Indian Com. 1	3	21361	Lustre		04/16/85	6,082	0	0
Exxon Corp., 11-30N-45E, Buck Elk 1	6	21362	Wildcat		03/19/85	8,300	0	0
Exxon Corp., 34-31N-44E, Hilda Martens 2	1	21363	Lustre	Charles C	05/16/85	6,000	6	0
Exxon Corp., 15-30N-45E, Harvey Grey Bear Heirs 1	4	21366	Midfork ***	Nisku	08/07/85	7,174	66	0
Exxon Corp., 26-31N-43E, Sylvia Roberts 2	1	21368	Lustre	Charles C	07/17/85	5,810	20	0
Exxon Corp., 25-31N-43E, R.T. Campbell 2	3	21369	Lustre		07/18/85	5,927	0	0
Exxon Corp., 21-31N-44E, Unrau-Schmidt 2	3	21372	Lustre		07/04/85	6,425	0	0
Exxon Corp., 29-31N-44E, Olfert C 2	1	21373	Lustre	Charles C	07/08/85	6,121	35	0
Exxon Corp., 32-31N-44E, A. Reddig 1	1	21375	Lustre	Charles C	09/04/85	6,150	84	0
FMP Oper. Co., 18-30N-37E, 1807 2	2	21374	Vandalia	Bowdoin	09/06/85	1,554	0	239
Hinsdale Livestock Co., Inc., 23-35N-02W, Zimmerman 3	1	22553	Kevin Sunburst	Madison	04/03/84	1,678	02	0
Somont Oil Co., Inc., 10-35N-02W, Fenna Bruins 23	1	22578	Kevin Sunburst	Madison	04/11/84	1,684	02	0
Somont Oil Co., Inc., 30-35N-02W, New Helmerick 1	1	22864	Kevin Sunburst	Madison	05/04/85	1,531	01	0
Somont Oil Co., Inc., 08-35N-02W, Beaupre 1	1	22865	Kevin Sunburst	Madison	05/09/85	1,714	02	0
Somont Oil Co., Inc., 29-35N-04W, Bailey 1	2	22866	Cut Bank	Kootenai	05/24/85	1,973	0	600
Somont Oil Co., Inc., 35-35N-03W, Fed 3	2	22879	Kevin Sunburst	Madison	06/25/85	1,608	0	0
Somont Oil Co., Inc., 31-35N-03W, Shay 2	1	22925	Kevin Sunburst	Madison	09/18/85	1,855	02	0
Sunburst Explor., Inc., 05-34N-01E, Suphellen 2	1	22918	E Kevin	Nisku	09/24/85	3,100	108	0
Sunburst Explor., Inc., 05-34N-01E, Suphellen 3	1	22926	E Kevin	Nisku	10/09/85	3,078	36	0
Western Natural Gas Co., 13-34N-03W, Blumberg 8-13-3	1	22919	Kevin Sunburst	Madison	09/05/85	1,650	10	0
Western Reserves, Inc., 06-34N-01W, Duluth 3	3	22407	Kevin Sunburst		10/13/82	1,462	0	0
<b>Treasure—103</b>								
Hewitt Producing Co., 03-05N-34E, Balzer 3-1	6	21016	Wildcat		10/28/84	6,028	0	0
Texas Gas Explor. Corp., 08-08N-36E, Froze 24-8	6	21018	Wildcat		10/26/85	7,400	0	0

## 1985 WELL COMPLETIONS (CONTINUED)

COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
<b>Valley—105</b>								
Anadarko Petroleum Corp., 36-31N-43E, Crawford A 3	8	21344	Lustre		02/18/85	6,000	0	0
Anadarko Petroleum Corp., 30-31N-44E, Crawford A 4	1	21347	Lustre	Upper Charles D	01/08/85	6,050	63	0
Anadarko Petroleum Corp., 21-31N-43E, Glen Daley A 1	1	21377	Lustre Area	Lower Charles	10/13/85	6,100	73	4
Atlantic Richfield Co., 14-34N-43E, State-Gully Washer 1-14	6	21356	Wildcat		03/15/85	6,600	0	0
Atlantic Richfield Co., 03-33N-43E, Arco Chip Kicker 1-3	6	21357	Wildcat		12/27/84	6,398	0	0
Atlantic Richfield Co., 21-34N-43E, Arco Toe Dancer 1-21	6	21358	Wildcat		01/01/85	7,200	0	0
C. Lee Mueller, 31-31N-44E, G.E. Wilder 1	1	21279	Lustre Area	Ratcliffe	05/03/85	5,615	108	43
C. Lee Mueller, 32-31N-44E, Sun Tribal 14-32	1	21380	Lustre	Ratcliffe	11/23/85	5,703	124	11
Clayton W. Williams, Jr., 10-31N-44E, Sandvick 1-10	3	21336	N Lustre		09/25/84	6,175	0	0
Conoco, Inc., 11-35N-40E, Conoco Edwards 11 1	6	21370	Wildcat		08/15/85	7,350	0	0
Exxon Corp., 28-31N-44E, Bellonger Clark 1	1	21270	Lustre	Charles C	04/10/84	6,225	20	0
Exxon Corp., 13-31N-43E, Iron Bear Heirs 1	1	21276	Lustre	Charles C	01/02/84	5,354	70	0
Exxon Corp., 35-31N-43E, Marie Standing Heirs 1	1	21277	Lustre	Mission Canyon	12/25/83	6,065	32	0
Exxon Corp., 35-31N-43E, Cranston Et Al 1	7	21298	Lustre		02/16/85	6,100	0	0
Exxon Corp., 26-31N-43E, Sylvia Roberts 1	1	21306	Lustre	Mission Canyon	07/07/84	5,925	55	0
Exxon Corp., 23-31N-43E, Wilbur J. Redstone 1	1	21309	Lustre	Mission Canyon	06/09/84	5,951	36	0
Exxon Corp., 28-31N-44E, Bellonger-Clark 2	1	21310	Lustre	Charles C	03/09/85	6,265	42	0
Exxon Corp., 34-31N-43E, Edward Reuterdaahl 1	1	21312	Porcupine Creek	Mission Canyon	06/05/84	6,150	60	0
Exxon Corp., 23-31N-43E, Lilly Puentes 1	1	21324	Lustre	Charles D	05/04/84	5,875	3	0
Exxon Corp., 30-31N-43E, Buen 1	6	21334	Wildcat		01/13/85	6,200	0	0
Exxon Corp., 31-31N-44E, C. Reddig 3	1	21351	Lustre	Charles C	02/14/85	6,090	147	0
Exxon Corp., 34-31N-44E, Hilda Martens 3	1	21360	Lustre	Charles C	04/02/85	6,010	20	0
Exxon Corp., 10-30N-44E, Todd Indian Com. 1	3	21361	Lustre		04/16/85	6,082	0	0
Exxon Corp., 11-30N-45E, Buck Elk 1	6	21362	Wildcat		03/19/85	8,300	0	0
Exxon Corp., 34-31N-44E, Hilda Martens 2	1	21363	Lustre	Charles C	05/16/85	6,000	6	0
Exxon Corp., 15-30N-45E, Harvey Grey Bear Heirs 1	4	21366	Midfork ***	Nisku	08/07/85	7,174	66	0
Exxon Corp., 26-31N-43E, Sylvia Roberts 2	1	21368	Lustre	Charles C	07/17/85	5,810	20	0
Exxon Corp., 25-31N-43E, R.T. Campbell 2	3	21369	Lustre		07/18/85	5,927	0	0
Exxon Corp., 21-31N-44E, Unrau-Schmidt 2	3	21372	Lustre		07/04/85	6,425	0	0
Exxon Corp., 29-31N-44E, Olfert C 2	1	21373	Lustre	Charles C	07/08/85	6,121	35	0
Exxon Corp., 32-31N-44E, A. Reddig 1	1	21375	Lustre	Charles C	09/04/85	6,150	84	0
FMP Oper. Co., 18-30N-37E, 1807 2	2	21374	Vandalia	Bowdoin	09/06/85	1,554	0	239
Hinsdale Livestock Co., 33-32N-35E, Fee 1	2	21365	Bowdoin	Bowdoin	05/25/85	730	0	30
Ladd Petroleum Corp., 04-28N-45E, Greufe 1	6	21294	Wildcat		07/14/84	7,307	0	0
Markland Corp., 16-31N-43E, Owen 22-16	4	21382	Lustre **	Mission Canyon	12/20/85	5,740	20	2
Robinson Resource Dev., 26-28N-45E, Redekopp Estate 33-26	6	21371	Wildcat		07/05/85	6,400	0	0
Santa Fe Energy Co., 09-31N-44E, Kroeker 1-9	3	21359	N Lustre		12/31/84	6,400	0	0
Sun Explor. & Prod., 30-31N-44E, J. Clark B 1	1	21367	Lustre	Ratcliffe	10/13/85	5,745	33	0
Sun Explor. & Prod., 11-31N-41E, M.B. Gerling 1	6	21384	Wildcat		12/01/85	5,186	0	0
Xeno, Inc., 35-30N-35E, Hinsdale 9-35	6	21136	Wildcat		03/18/78	810	0	0
<b>Wibaux—109</b>								
Diamond Shamrock Explor., 09-18N-60E, Diamond A Ranch 42-9	6	21059	Wildcat		04/07/85	9,690	0	0
Shell Western E & P, Inc., 15-11N-57E, Railroad BN R4-15A	7	21055	S Pine		05/07/85	9,215	0	0
Shell Western E & P, Inc., 22-11N-57E, U USA 43-22AR	1	21058	S Pine	Stoney Mountain, Red River	01/21/85	9,172	145	0
Shell Western E & P, Inc., 11-11N-57E, S Pine U BN 33-11A	1	21060	S Pine	Red River	08/30/85	9,214	109	32
Shell Western E & P, Inc., 13-11N-57E, S Pine U BN 23-13A	1	21062	S Pine	Red River	09/24/85	9,405	101	32
Shell Western E & P, Inc., 32-12N-57E, N Pine U 11-32	1	21063	N Pine	Interlake	12/30/85	9,148	135	04
<b>Yellowstone—111</b>								
Balcron Oil Co., 12-04N-25E, Brown 1-12	4	21174	Crooked Creek ***	Dakota	04/15/85	6,098	40	0
Balcron Oil Co., 11-04N-25E, Hunt 1-11	1	21179	Crooked Creek	Dakota	07/18/85	5,110	84	0
Balcron Oil Co., 01-04N-25E, Backenkeller 1-1	3	21185	Crooked Creek		08/19/85	5,153	0	0
Balcron Oil Co., 18-04N-26E, Fed 1-18	6	21189	Wildcat		11/10/85	4,839	0	0
Balcron Oil Co., 12-04N-25E, Brown 2-12	1	21192	Crooked Creek	Dakota	12/23/85	5,143	42	0

# 1985 WELL COMPLETIONS (CONTINUED)

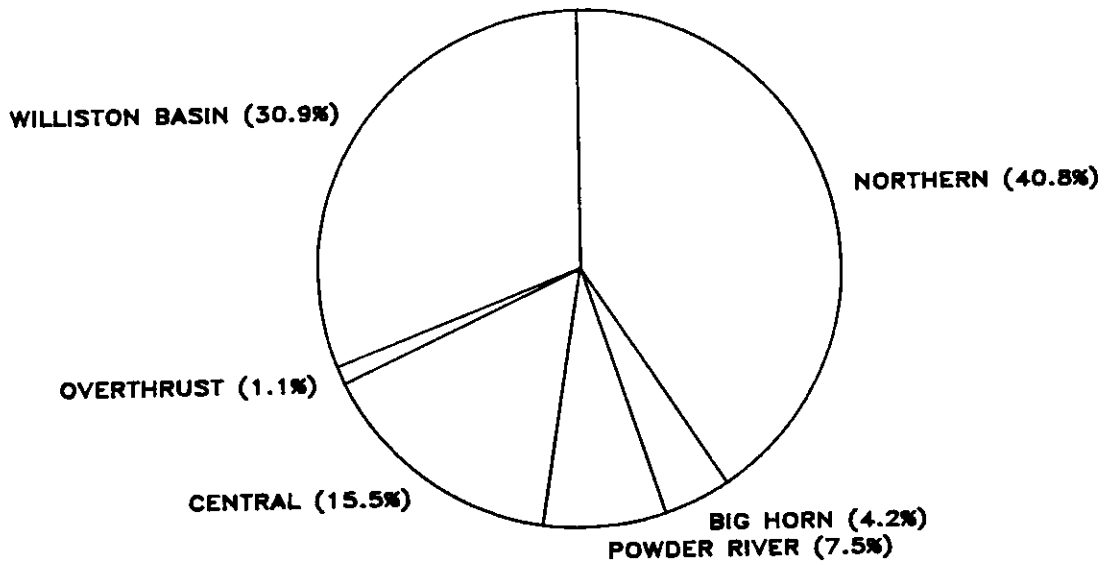
COUNTY, OPERATOR, LOCATION, WELL NAME	STATUS CODE	API NO.	FIELD	PRODUCING FORMATION	DATE COMPLETED	TOTAL DEPTH	INITIAL	POTENTIAL
							Oil B/D	Gas MCF/D
Beartooth Oil & Gas Co., 34-07N-32E, Fed 34-14	1	21171	S Wolf Springs	Amsden	02/19/85	6,162	303	0
Herbert D. Hadley, 25-03S-24E, Spaeth 1	6	21188	Wildcat		10/24/85	850	0	0
Rocky Mtn. Oilfinders, Inc, 35-07N-32E, Ethel White et al 2	1	21167	S Wolf Springs	Amsden	01/17/85	6,033	01	0
Rocky Mtn. Oilfinders, Inc, 12-07N-31E, Karman 1-12	6	21178	Wildcat		04/02/85	6,150	0	0
Rocky Mtn. Oilfinders, Inc, 02-06N-32E, Amma M. Botts 3	3	21182	S Wolf Springs		06/30/85	6,100	0	0

**Status Codes:**

- 1 - development oil well;
- 2 - development gas well;
- 3 - development dry hole;
- 4 - exploratory oil well;
- 5 - exploratory gas well;
- 6 - exploratory dry hole;
- 7 - exploratory service well;
- 8 - other (usually temp. aband.)

- \* - new pay zones
- \*\* - extensions
- \*\*\* - new discovery

## 1985 WELLS COMPLETED BY REGION



# 1985 SUMMARY OF SECONDARY RECOVERY PROJECTS

Field	Formation	Operator	Type of Project	Injection Pattern	Date Inj. Com.	1985		No. of Inj. Wells	Source of Injection Media and Remarks
						Cumulative Injections M Bbls. or M MCF	Avg. Daily Inj. Rate Bbls. or MCF		
Ash Creek Crow Tribal	Shannon	Mobil	Waterflood	Peripheral	10/64	256	—	—	Idle
Ash Creek SU (MT Portion)	Shannon	Mobil	Waterflood	Peripheral	10/64	1,249	80	2	WSW & Produced
Bell Creek Tertiary Incentive	Muddy	Gary Energy	Polymer Inj	5 Spot	12/80	45,303	22,962	30	Surface
Bell Creek A	Muddy	Gary Energy	Waterflood	Peripheral	4/70	177,584	26,549	33	Madison
Bell Creek B	Muddy	Gary Energy	Waterflood	Peripheral	10/70	51,027	8,210	11	Madison
Bell Creek C	Muddy	Gary Energy	Waterflood	Peripheral	9/71	33,616	7,502	5	Madison
Bell Creek D	Muddy	Gary Energy	Waterflood	Peripheral	1/72	36,354	3,648	9	Madison
Bell Creek E	Muddy	Gary Energy	Waterflood	Peripheral	1/72	30,605	4,664	21	Madison
Bell Creek Ranch Creek	Muddy	Gary Energy	Waterflood	Peripheral	3/71	43,883	3,585	10	Madison
Big Wall BSU	Upper Tyler	Texaco	Waterflood	Random	8/66	33,876	7,002	2	Produced
Big Wall LTSU	Lower Tyler	Texaco	Waterflood	Random	10/84	7,330	5,050	2	Produced
Blackfoot	Cut Bank	Croft Petroleum	Waterflood	Random	7/76	1,966	675	4	Madison
Border New	Cut Bank	P & M Petroleum	Waterflood	Random	1/82	—	—	—	Idle
Border Old	Cut Bank	P & M Petroleum	Waterflood	Random	6/73	1,596	786	2	Madison
Cabin Creek	Siluro Ord	Shell	Waterflood	Semi Peripheral	6/59	240,193	23,392	27	Produced
Cat Creek East Dome	Ellis Sand	Hoss	Waterflood	Semi Peripheral	7/70	1,103	183	4	3rd Cat Creek
Cat Creek Mosby Dome	Swift	Cenex	Waterflood	Random	7/67	6,236	690	3	3rd Cat Creek
Cat Creek Mosby Amsden	Amsden	Cenex	Waterflood	Random	6/71	313	—	—	Idle
Cat Creek Unit 1	1st Cat	Cenex	Waterflood	Semi Peripheral	10/62	7,079	366	3	3rd Cat Creek
Cat Creek Unit 1	2nd Cat	Cenex	Waterflood	Semi Peripheral	10/62	9,409	1,171	3	3rd Cat Creek
Cat Creek Unit 2	1st Cat	Cenex	Waterflood	Semi Peripheral	12/59	9,616	86	2	3rd Cat Creek
Cat Creek Unit 2	2nd Cat	Cenex	Waterflood	Semi Peripheral	12/59	11,654	879	3	3rd Cat Creek
Cut Bank Dahlquist	Cut Bank	Cameo Minerals	Waterflood	Random	11/79	176	122	1	Madison
Cut Bank Lander A	Lander Sand	Phillips	Waterflood	Random	4/65	2,033	101	1	Madison
Cut Bank Marina	Cut Bank	P & M Petroleum	Waterflood	5 Spot	6/72	2,075	—	—	Idle
Cut Bank McGuiness	Madison	Union Oil	Waterflood	Random	12/62	6,989	761	1	Madison
Cut Bank N. Central	Cut Bank	Phillips	Waterflood	5 Spot	5/78	4,695	1,160	8	Madison
Cut Bank N. East	Moulton	Fair	Waterflood	5 Spot	6/63	5,958	96	2	Madison
Cut Bank N. East	Cut Bank	J And G	Waterflood	5 Spot	0/00	13,409	—	—	Idle
Cut Bank N. West	Cut Bank	Phillips	Waterflood	5 Spot	1/62	18,719	818	6	Madison
Cut Bank S. Central	Cut Bank	Union Oil	Waterflood	5 Spot	5/63	47,629	7,343	44	Madison
Cut Bank S. West	Cut Bank	Phillips	Waterflood	5 Spot	9/62	118,455	8,207	56	Madison & Recycled
Cut Bank Tesoro	Cut Bank	City Oil Co.	Waterflood	5 Spot	9/71	6,422	853	6	Madison & Recycled
Cut Bank Tweedy	Cut Bank	P & M Petroleum	Waterflood	5 Spot	6/72	1,319	147	1	Madison
Cut Bank Two Medicine	Cut Bank	Conoco	Waterflood	Random	12/67	57,795	3,981	28	Madison & Recycled
Darling	Cut Bank	P & M Petroleum	Waterflood	Random	2/67	—	—	—	Idle
Darling North	Moulton	Buttes Resources	Waterflood	Random	2/68	2,472	—	—	Idle
Darling South	Moulton	Buttes Resources	Waterflood	Random	2/67	7,548	—	—	Idle
Dean Dome	Greybull	Eastern American Energy	Steam Inj	Cyclic	8/81	29	—	—	Idle
Dwyer	Charles	Phillips	Waterflood	Peripheral	10/68	5,587	995	1	Dwyer Charles
Elk Basin	Frontier	Amoco	Waterflood	Crestal	12/72	6,039	28	1	Produced
Elk Basin Unit	Tensleep	Arco	Waterflood	Semi-Periferal	4/67	5,478	21	2	Produced
Elk Basin N. West	Tensleep	Arco	Waterflood	Semi Peripheral	5/76	4,961	—	—	Idle
Fairview	Red River	Superior Oil	Pressure Maint	Random	5/70	4,186	—	—	Idle
Flat Coulee	Swift	Phillips	Waterflood	Peripheral	2/72	10,320	2,255	11	Eagle
Flat Lake	Ratcliffe	Chevron	Pressure Maint	Random	6/71	33,355	6,372	18	Produced
Flat Lake West	Ratcliffe	Chevron	Pressure Maint	Random	0/00	6,777	789	4	Produced
Frannie	Tensleep	Conoco	Waterflood	Random	11/70	188,861	88,419	50	Produced
Frannie	Tensleep	Conoco	LPG Inj	Random	11/70	110,901	27,125	12	Produced
Fred & George Creek	Sunburst	Fulton	Waterflood	Random	7/76	43,355	8,151	2	Madison & Eagle
Gas City	Red River	Shell	Waterflood	Semi Peripheral	10/69	2,165	1,451	2	Mission Canyon
Goose Lake	Ratcliffe	Cotton Petroleum	Waterflood	Semi Peripheral	1/73	19,536	4,562	3	Produced
Gumbo Ridge	Tyler B	Meridian Oil	Waterflood	Semi Peripheral	6/80	2,298	1,343	2	Produced Cat Creek
Ivanhoe	Tyler	Tomahawk Oil	Pressure Maint	Random	5/64	52	83	1	Produced
Jim Coulee	Tyler	Texas Petroleum	Waterflood	Semi Peripheral	7/72	10,898	3,548	5	Produced Cat Creek
Keg Coulee Unit	Tyler	Buttes Resources	Waterflood	Semi Peripheral	8/66	5,081	916	2	Madison
Keg Coulee Tyler	Tyler	Damson Oil	Waterflood	Semi Peripheral	12/69	3,609	—	—	Idle
Keg Coulee N. West Unit	Tyler	Bison Operating	Waterflood	Semi Peripheral	1/70	7,530	—	—	Idle
Kelley	Tyler B	Union Texas	Waterflood	Random	7/69	2,865	375	1	3rd Cat Creek
Kevin Sunburst	Sunburst	Texaco	Waterflood	Random	8/64	12,047	595	8	Madison
Kevin Sunburst Homestake	Sunburst	Petro Production	Waterflood	Random	8/64	8,127	1,031	6	Produced & WSW
Laird Creek	Swift	Meridian Oil	Waterflood	Semi Peripheral	2/77	807	—	—	Idle
Little Beaver	Red River	Shell Oil	Waterflood	Semi Peripheral	8/66	41,397	6,798	10	Produced
Little Beaver East	Red River	Shell Oil	Waterflood	Semi Peripheral	4/65	7,615	4,001	6	Produced
Lookout Butte Coral Creek	Red River	Shell Oil	Waterflood	Semi Peripheral	4/67	38,430	4,887	8	Minnelusa
Melstone North	Tyler	True Oil Co.	Polymer Water	UK	1/83	1,323	1,258	3	3rd Cat Creek

## 1985 SUMMARY (CONTINUED)

Field	Formation	Operator	Type of Project	Injection Pattern	Date Inj. Com.	1985		No. of Inj. Wells	Source of Injection Media and Remarks
						Cumulative Injections M Bbls. or M MCF	Avg. Daily Inj. Rate Bbls. or MCF		
Monarch Pennel	Siluro Ord Stoney Mountain	Shell Oil	Waterflood	UK	12/73	4,952	108	2	UK
Pine A	& Red River	Shell Oil	Waterflood	Random	8/69	171,044	66,062	53	Dakota & Produced
Pine C & D	Siluro Ord	Shell Oil	Waterflood	Semi Peripheral	3/59	110,814	25,189	22	Fox Hills & Produced
Prichard Creek	Red River	Shell Oil	Waterflood	Semi Peripheral	3/68	25,501	11,962	5	Lodgepole
Ragged Point Tyler A	Sunburst	Fulton Producing	Waterflood	Random	4/73	1,150	558	1	Eagle
Ragged Point S. West	Tyler	Buttes Resources	Waterflood	Semi Peripheral	12/66	9,823	1,311	2	Cat Creek
Raymond	Tyler	Petro Lewis	Waterflood	UK	10/82	1,970	1,685	3	WSW
Regan Dome	Nisku	Santa Fe Energy	CO <sub>2</sub> Injection	UK	8/83	511	526	1	Duperow
Red Creek	Madison	Union Oil	Waterflood	Random	7/73	4,321	1,400	5	Produced
Roscoe Dome	Cut Bank	Exxon	Waterflood	5 Spot	6/65	21,903	3,375	4	Madison
	Lakota	Eastern American Energy	Steam Inj	UK	5/82	5	—	—	Idle
Stensvad	Tyler	Tomahawk Oil	Waterflood	Semi Peripheral	12/63	29,586	451	1	Produced
Sheepherder	Judith River	Summit Resources	Sec Recovery	Random	11/84	32	62	1	Tyler
Sumatra Central	Tyler	Texaco	Waterflood	Semi Peripheral	9/69	132,405	37,000	17	Madison & Produced
Sumatra Grebe	Tyler	Cenex	Waterflood	Random	6/75	716	132	1	Madison & Produced
Sumatra N. East	Tyler	Texaco	Waterflood	Semi Peripheral	9/69	9,690	1,642	5	Madison & Produced
Sumatra Sawyer	Tyler	Buttes Resources	Waterflood	Semi Peripheral	6/80	1,015	48	1	Madison
Sumatra S. East	Tyler	Buttes Resources	Waterflood	Semi Peripheral	12/69	21,312	3,466	3	Madison
Sumatra West	Tyler	Conoco	Waterflood	Semi Peripheral	10/68	49,168	8,096	8	Produced
Sumatra W. Kincheloe	Tyler	Exeter	Waterflood	Semi Peripheral	5/82	5,878	4,414	6	Madison
Tippy Buttes	Tyler	True Oil	Waterflood	Random	5/82	91	53	1	Dakota
Winnett Junction	Tyler	Petro Lewis	Waterflood	Random	10/77	5,604	1,829	2	Produced & WSW

# OIL AND GAS FIELDS

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>ALKALI COULEE</b> Red River	1	0	0	320-acre spacing units; well location no closer than 660' from unit boundary and no closer than 1,650' from well producing from the same pool. (Order 77-81)
<b>ALMA</b> Bow Island	0	3	0	640-acre spacing units. Location to be no closer than 990' from spacing unit boundary. (Order 19-77)
<b>AMANDA</b> Bow Island Swift-Sunburst	0 0	7 4	0 0	320-acre spacing units for gas with one well per horizon from the base of the Swift to the surface to be located no closer than 660' from unit boundary. Spacing unit to consist of two contiguous quarter sections lying within one or two governmental sections. (Order 76-79) Field enlargement. (Orders 25-83 and 1-85)
<b>ANTELOPE COULEE</b> Blackleaf	0	3	0	Statewide.
<b>ANVIL</b> Nisku Ratcliffe Red River	1 2 10	0 0 0	0 0 1	320-acre spacing units for Red River "B" and "C" with one well per zone no closer than 660' to unit boundary; commingling approved for one well only per spacing unit. (Order 75-85) Produced water disposed into the Dakota formation. (Order 12-A-82)
<b>ARCH APEX</b> Bow Island Swift-Sunburst	0 4	25 2	14 2	330' from legal subdivision; 2,400' from any other drilling or producible gas well producing from the same reservoir; 75' topographic tolerance. (Order 4-60) Sometimes called Colorado Blackleaf pool. (Swift) Statewide.
<b>ASH CREEK</b> Shannon	4	0	4	Spacing waived within unitized portion of field except no well may be drilled closer than 660' from unit boundary. (Order 4-65) Waterflood started October 1964. (Orders 22-64, 15-66)
<b>AUTUMN</b> Mission Canyon	0	0	2	Statewide. Produced water disposed into Dakota formation. (Order 112-A-82)
<b>BADLANDS</b> Eagle	0	10	2	Drilling and spacing units allow one well per governmental section to be located anywhere within a section but no closer than 990' to a section line. (Order 22-78)
<b>BAINVILLE</b> Interlake Red River-Gunton Winnipegosis	1 2 1	0 0 0	0 0 0	Statewide. Single 320-acre spacing unit for Winnipegosis formation. (Order 117-84)
<b>BAINVILLE II</b> Red River	3	0	0	320-acre spacing units; no well closer than 660' to the unit boundaries. (Order 36-82) Field reduction. (Order 16-85) Single spacing unit. (Order 69-85)
<b>BAINVILLE, NORTH</b> Ratcliffe Red River Winnipegosis	1 4 3	0 0 0	0 0 0	320-acre spacing units to consist of two governmental quarter sections located in either one or two governmental sections. Wells to be located no closer than 660' to unit boundary and no closer than 1,650' to any well producing from the same formation. (Order 84-79) Board Order 84-79 is amended to permit a tolerance of 150' from the well location requirements of said order for topographic purposes. (Order 39-80)
<b>BAINVILLE, WEST</b> Madison Red River	1 2	0 0	0 0	320-acre spacing units to consist of two governmental quarter sections that may be in either one or two governmental sections. Location to be no closer than 660' to the unit boundary or closer than 1,650' to another producing well within the field. (Orders 19-78, 42-79) 320-acre spacing units aligned in east-west direction with permitted well to be no closer than 660' to unit boundary. (Order 57-80)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>BANNATYNE</b> Swift	27	0	1	Center of 10-acre tracts, 50' topographic tolerance. Commingling permitted. (Order 20-58) Pilot waterflood of Swift suspended in 1963.
<b>BATTLE CREEK</b> Eagle	0	27	0	Statewide.
<b>BEARS DEN</b> Bow Island	0	1	0	Statewide.
Madison	0	0	1	
Swift	7	2	0	
<b>BELFRY</b> Kootenai	0	0	1	Statewide.
<b>BELL CREEK</b> Muddy	178	0	121	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) Field now unitized. Tertiary program. (Order 25-80) Six areas unitized (Unit "A," "B," Ranch Creek, "C," "D," and "E"). Floods used Madison water. (Orders 7-70, 23-70, 8-71, 26-71, 35-71, 36-71) Tertiary enhanced recovery authorized for Units "A," "B," "D," (Orders 82-84, 111-84, 112-84). Ranch Creek enhanced recovery approved EPA-85.
<b>BELL CREEK, SOUTHEAST</b> Muddy	0	1	1	160-acre spacing units, wells 660' from spacing unit boundary. (Order 31-71)
<b>BENRUD</b> Nisku	0	0	2	160-acre spacing units with permitted location within a 1,320' square in center of quarter section. (Order 6-65) Field boundaries reduced. (Order 66-84)
Madison	1	0	0	Water disposal into Judith River formation. (Order 64-62)
<b>BENRUD, EAST</b> Nisku	4	0	0	Same as Benrud Field. (Order 6-65) Single spacing unit. (Orders 108-84 and 7-85) Water disposal into Judith River formation. (Orders 64-62, 32-66, 4-A-73)
<b>BENRUD, NORTHEAST</b> Nisku	1	0	0	Same as Benrud Field. (Order 6-65) Water disposal into Judith River formation. (Order 32-66)
<b>BERTHELOTE</b> Sunburst	1	0	1	Wells located 330' from lease lines; 660' between wells with no more than one well per governmental quarter-quarter section. (Order 18-66)
<b>BIG COULEE</b> Cat Creek 3	0	5	3	Statewide.
Lakota	0	1	0	
Morrison	0	1	0	
<b>BIG GULLY</b> Tyler	2	0	0	Statewide.
<b>BIG GULLY, NORTH</b> Tyler	1	0	0	Statewide.
<b>BIG MUDDY CREEK</b> Mission Canyon	1	0	1	One well per 320-acre spacing unit with well no closer than 660' from boundary of four east-west units. (Order 4-75)
Ratcliffe	1	0	0	
Red River	2	0	1	
<b>BIG ROCK GAS FIELD</b> Blackleaf	0	23	0	640-acre spacing units for Blackleaf "A" formation. Location to be no closer than 990' to any governmental section line. (Order 31-78) Amended to allow two wells per section in five sections. (Order 64-85)
Bow Island	0	11	2	
Madison	2	1	0	



Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>BIG WALL</b>				
Amsden	2	0	0	Spaced by old statewide spacing; 330' from lease or property line, 990' between wells in same reservoir. (Order 12-54)  Previous disposal into Tyler "A" stopped in 1961. Waterflood of Tyler "B" sand started August 1966. (Order 22-66) Another Tyler "B" waterflood authorized by Order 96-83. Excess produced water disposed into the Tyler "B" formation. (Order 13-A-77)
Tyler	11	0	14	
<b>BILLS COULEE</b>				
Kootenai	0	1	6	Field without restrictions except that no well may be drilled closer than 330' from the exterior boundary of the field. (Order 22-80)
<b>BLACK BUTTE</b>				
Eagle	0	1	1	320-acre spacing units consisting of either the N 1/2 and S 1/2 or E 1/2 and W 1/2 of the section with well location to be no closer than 990' from a section line nor closer than 660' to the interior boundary. (Order 134-80)
<b>BLACK COULEE</b>				
Eagle	0	7	1	320-acre spacing units; well to be located no closer than 990' from unit boundary. (Order 6-73) Well location to be no closer than 660' to eastern boundary of Black Coulee Field. (Order 37-79) Field extension. (Order 71-79)
<b>BLACK DIAMOND</b>				
Red River	2	0	0	320-acre spacing units; well location no closer than 660' from unit boundary. (Order 147-81)
<b>BLACKFOOT</b>				
Cut Bank-Madison	8	0	9	One well only 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)
Devonian	1	0	0	
<b>BLACKFOOT SHALLOW GAS</b>				
Sunburst-Dakota	0	9	1	640-acre spacing units; one well per section per producing horizon above the Kootenai with location to be no closer than 990' to unit boundaries. (Order 121-80)
<b>BLACKJACK</b>				
Blackleaf	0	1	1	One gas well per 160 acres, no closer than 660' from boundary of each unit. (Order 3-69) Statewide spacing. Order 3-67 amended to include Blackleaf in spacing and field rules for gas. (Order 4-74). Blackleaf gas pooled. (Order 3-75)
Bow Island	0	1	0	
Second White Specks	0	1	0	
Sunburst	0	9	1	
<b>BLACKLEAF CANYON</b>				
Sun River	0	0	1	Single spacing unit with Blackleaf Federal 1-A as designated well. (Order 84-81)
<b>BLACKLEAF UNIT</b>				
Sun River	0	2	1	Well spacing requirements set forth in 82-11-201 MCA and Board Rule 36.22.702 are suspended provided no well drilled to be closer than 990' from unit boundary. (Order 47-81). Two 280-acre spacing units. (Order 25-85)
<b>BLOOMFIELD</b>				
Dawson Bay	1	0	1	320-acre spacing units consisting of two contiguous governmental quarter sections which need not be in the same section; wells located no closer than 660' 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. (Order 32-84)
Red River-Interlake	2	0	0	
Stonewall	0	0	1	
<b>BLUE HILL</b>				
Red River	1	0	0	Statewide.
<b>BLUE MOUNTAIN</b>				
Red River	1	0	0	Statewide.

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>BORDER</b>				
Cut Bank	12	0	4	Oil: Unitized into New and Old Border fields. Unitized 6-1-73. (Orders 8-73, 9-73)
Moulton	0	1	0	Gas: 330' from boundary of legal subdivision. 2,400' between wells in same formation on same lease. 75' topographic tolerance. (Order 7-54)
Sunburst	0	1	0	Waterflood approved. (Orders 8-73, 9-73, 28-73)
<b>BOWDOIN &amp; AREA</b>				
Montana & Colorado Shale		370	243	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) One additional well in each 640-acre spacing unit no closer than 990' to spacing unit boundary in Whitewater and Ashfield Units. (Order 41-82) Produced water injected into Phillips Sand-Ashfield unit. (Order 10-A-77)
<b>BOWES</b>				
Eagle	0	37	3	660' from boundary of legal subdivision. 1,320' from other wells in same formation. 75' topographic tolerance. (Order 23-54) Order 23-54 amended by establishing 160-acre Eagle spacing units in Sec. 5, 6, 7, 8, 17, 18 31N-19E. (Order 44-75) 330' from lease or property line, 990' between wells in the same formation. (Order 13-54) Vacuum pumps authorized for Sawtooth formation wells. (Order 74-83)
Sawtooth	55	0	37	Pilot waterflood initiated in 1961 and expanded to fieldwide waterflood in 1965. (Order 6-61) Water from Madison.
<b>BOX CANYON</b>				
Red River	3	0	0	Statewide.
<b>BRADLEY</b>				
Dakota	0	1	0	One well per formation per section for production of gas from all horizons above the top of the Kootenai formation. (Order 91-84)
Madison	1	0	0	
Sunburst	1	0	1	
<b>BRADY</b>				
Morrison	0	0	8	10 -acre spacing units with 75' topographic tolerance from center of spacing unit. (Orders 34-62, 55-62) Field enlargement. Operators may commingle production from Burwash and Sunburst formations in Sec. 16. (Order 86-81)
Sunburst	8	0	2	Produced water disposed into Sunburst formation. (Order 62-A-84)
<b>BREED CREEK</b>				
Tyler	13	0	2	Statewide.
<b>BRORSON</b>				
Madison	10	0	0	One well per 160-acre unit, no closer than 660' from unit boundary (Mission Canyon and Red River). (Order 5-69) Field enlargement. (Order 25-82) Gas to Brorson Field Plant.
Red River	3	0	0	Produced water injected into Dakota formation. (Order 129-A-81)
<b>BRORSON, SOUTH</b>				
Madison	2	0	0	One well per 160-acre unit, no closer than 660' from unit boundary. (Order 26-68) Gas to Brorson Field Plant. Reduced Field Area. (Order 26-77)
Red River	3	0	0	
<b>BROWN'S COULEE, EAST</b>				
Eagle	0	2	1	Statewide.
Judith River	0	1	0	
<b>BRUSH LAKE</b>				
Red River	5	0	0	320-acre spacing unit with initial nine spacing units described in Order 15-71 corrected.

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>BUFFALO FLAT</b>				
Bow Island	0	6	1	Statewide.
Duperow	1	0	0	
<b>BUFFALO LAKE</b>				
Madison	0	0	1	Statewide.
Sawtooth	0	0	1	
<b>BULLWACKER</b>				
Eagle	0	40	2	One well per 320-acre spacing unit with well location no closer than 660' from unit boundary and 990' from field boundary. (Order 26-74) Field enlarged. (Order 63-85)
<b>BURGET, EAST</b>				
Madison	4	0	1	Statewide.
Red River	1	0	0	
<b>BURNS CREEK</b>				
Duperow	1	0	0	Statewide.
Red River	1	0	0	
<b>BURNS CREEK, SOUTH</b>				
Red River	1	0	1	320-acre spacing units; well location to be no closer than 660' from unit boundary. (Order 2-82)
<b>CABIN CREEK</b>				
Madison	8	0	8	Spacing waived and General Rules for (Deviation), (Commingling), and (Dual Completion) are suspended until present Unit Agreement becomes inoperative. (Order 36-62) Many wells produce from both Interlake and Red River by dual completions. Gas through extraction plant. Field boundaries amended and spacing units designated. (Order 118-84)
Siluro-Ord	85	0	4	Waterflood of Siluro-Ordovician (Orders 5-59, 15-60, and 30-63). Produced water injected into the Mission Canyon (Order 60-62). SWD approved EPA-84, 85.
<b>CAMP CREEK</b>				
Eagle	0	1	2	Statewide.
<b>CANADIAN COULEE &amp; AREA</b>				
Piper	0	0	1	320-acre spacing units with well location no closer than 660' from unit boundary, and 990' from field exterior boundaries. (Order 18-76)
Sawtooth	0	1	0	
<b>CANADIAN COULEE, NORTH</b>				
Sawtooth	0	2	0	640-acre spacing units. Location to be no closer than 1,650' to section line. (Order 15-74)
<b>CANAL</b>				
Madison	4	0	0	320-acre Red River spacing units consisting of E 1/2 and W 1/2 of governmental section. (Order 34-70)
Red River	1	0	0	160-acre Madison spacing units. Wells located no closer than 660' to unit boundary with 150' topographic tolerance. (Order 58-85)
<b>CANNON BALL</b>				
Red River	1	0	0	Statewide.
<b>CARLYLE</b>				
Siluro-Ord	2	0	0	320-acre spacing units; to consist of either the N 1/2 and S 1/2 or E 1/2 and W 1/2 of section or lots corresponding thereto. Well location to be no closer than 660' to unit boundary nor closer than 1,650' to any well drilling or producing from the same pool. (Order 39-79)
				Produced water disposed into Dakota formation. (Order 126-A-81)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>CAT CREEK, EAST DOME</b>				
Ellis	11	0	2	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 in progress. Orders 17-56, 18-59, 13-62, 8-68, 38-70, 11-71) Water from Third Cat Creek sand. Waterflood modified. (Order 29-74)
<b>CAT CREEK, MOSBY DOME</b>				
Amsden	1	0	2	See Cat Creek, East Dome.
Cat Creek 2 & 3	7	0	1	
Ellis	8	0	0	
Rierdon	1	0	0	
<b>CAT CREEK, WEST DOME</b>				
Cat Creek 1 & 2	35	0	7	See Cat Creek, East Dome.
Ellis	1	0	0	
Morrison	3	0	0	
Mowry	2	0	0	
<b>CEDAR CREEK</b>				
Eagle	0	87	5	1,200' from legal subdivision line, 2,400' from every other well in same formation. (Order 33-54)
Judith River	0	5	0	320-acre spacing units, wells in center of NW 1/4 and SE 1/4 of each section with 200' topographic tolerance. (Order 1-61) Field extension. (Order 23-76)
<b>CHAIN LAKES</b>				
Eagle	0	2	3	Statewide.
<b>CHARLIE CREEK</b>				
Duperow	1	0	0	320-acre spacing units, either east-west or north-south at option of operator, located no closer than 660' from spacing unit boundary and no closer than 1,650' from another producing well.
Nisku	1	0	0	Spacing units may not cross section lines. (Order 66-76)
Red River	0	0	1	
<b>CHARLIE CREEK, EAST</b>				
Red River	2	0	1	Statewide.
<b>CHARLIE CREEK, NORTH</b>				
Bakken	1	0	0	Single spacing unit. (Order 37-82) Statewide.
Madison	1	0	0	
Red River	0	1	0	
<b>CHELSEA CREEK</b>				
Nisku	1	0	0	Statewide.
<b>CHINOOK, EAST</b>				
Eagle	0	0	3	Statewide.
<b>CHIP CREEK</b>				
Eagle	0	3	0	160-acre spacing units. Location no closer than 660' from spacing unit boundary. (Order 89-76)
<b>CLARKS FORK</b>				
Greybull	0	1	0	330' from quarter-quarter section line. 1,320' between wells with 75' topographic tolerance. (Order 17-54)
<b>CLARKS FORK, SOUTH</b>				
Greybull	0	0	1	160-acre spacing; location no closer than 330' from quarter section line or 1,320' from any other well.
<b>CLEAR LAKE</b>				
Madison	3	0	1	Statewide. Produced water disposed into Dakota, Muddy, Lakota, and Swift formation. (Orders 41-A-80, 60-A-80, 91-A-80, 116-A-81, 123-A-81)
Nisku	1	0	1	
Red River	8	0	0	

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>CLEAR LAKE, SOUTH</b> Red River	1	0	0	Statewide.
<b>COAL COULEE</b> Eagle	0	1	1	One well per governmental section, to be located no closer than 990' from section line and only one well permitted per formation. (Order 25-78) Amendment to (Order 25-78) provides 320-acre spacing units within certain sections to be designated by the operator. Well to be located no closer than 990' to unit boundary. (Order 36-79)
<b>COAL RIDGE</b> Mission Canyon	1	0	0	Statewide. Produced water injected into the Dakota formation. (Order 81-A-79)
<b>COLORED CANYON</b> Red River	6	0	1	Statewide. Single spacing unit comprised of N 1/2 Sec. 7, T32N R57E. (Order 28-84)
<b>COLORED CANYON-NISKU</b> Nisku	0	0	0	Single spacing unit comprised of S 1/2 NW 1/4 and N 1/2 SW 1/4 Sec. 8, T32N R57E (Order 86-85).
<b>COMERTOWN</b> Nisku	4	0	0	320-acre spacing units; permitted well to be no closer than 660' to unit boundary. (Order 35-80)
Ratcliffe	3	0	0	Field enlargement. (Orders 9-81 and 150-81)
Red River	5	0	0	Produced water injected into the Dakota formation. (Order 107-A-82)
<b>COMERTOWN, SOUTH</b> Nisku	1	0	0	320-acre spacing units consisting of N 1/2 and S 1/2 of Sec. 21 and W 1/2 of Sec. 22, T36N
Red River	2	0	0	R57E, wells located no closer than 660' to unit boundary. (Order 96-84) Enlarged. (Order 20-85)
<b>CONRAD, SOUTH</b> Dakota	3	0	0	10-acre spacing units. Wells in center of each unit with 75' topographic tolerance. (Orders 34-62,
Sunburst	3	0	3	31-63)
<b>CORNER POCKET</b> Red River	1	0	0	Statewide.
<b>COTTONWOOD</b> Red River	1	0	0	Single spacing unit. (Order 85-84)
<b>COW CREEK</b> Charles	1	0	0	80-acre 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> Kibbey	10	0	0	40-acre spacing units consisting of quarter-quarter section with permitted well to be at center with 150' topographic tolerance. (Order 35-74) Produced water disposed into Dakota formation. (Order 30-A-75 and 61-A-76)
<b>CRANE</b> Devonian	4	0	0	320-acre spacing units consisting of one-half of a governmental section with well location to
Siluro-Ord	1	0	0	be no closer than 660' from unit boundary and no closer than 1,650' to any well drilling or producing from the same pool. (Order 40-79)
<b>CROCKER SPRINGS, EAST</b> Mississippian	1	0	0	80-acre spacing units to be either the N 1/2 or S 1/2 of a regular quarter section. Well to be located in the center of either the NE quarter quarter or the SW quarter quarter section with a 150' topographic tolerance. (Order 68-82)
<b>CROOKED CREEK</b> Dakota	2	0	0	Statewide.

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>CUPTON</b> Red River	9	0	1	160-acre quarter section spacing units. Location no closer than 660' from spacing unit boundary. (Order 4-72) Produced water disposed into Red River formation. (Order 1-A-80) SWD approved EPA-85.
<b>CUPTON, SOUTH</b> Red River	1	0	1	Single spacing unit. (Order 14-85)
<b>CUT BANK</b> Blackleaf Bow Island Cut Bank Cut Bank-Madison Kootenai Madison Moulton Sunburst Swift Tyler	0 0 515 2 4 37 53 4 0 0	3 12 169 0 0 1 1 5 1 0	0 1 320 0 2 16 45 2 0 1	(Kootenai formation includes Moulton, Sunburst, and Cut Bank sands.) 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. (Order 10-54) Sec. 20, 29, and 32 of T36N R4W spaced 320-acres (N 1/2 and S 1/2). (Order 26-70) 320-acre spacing units for gas (Cut Bank) units; (E 1/2 and W 1/2) wells to be located no closer than 330' from legal subdivision line nor less than 2,400' from drilling or producible well producing from same reservoir. (Orders 82-76, 6-77) Field extension. (Order 3-79) Board Orders No. 10-54, 26-70, 6-77, 82-76, and 3-79 amended to include all formations from surface to base of Madison Lime Formation. (Order 45-80) Field enlarged. (Orders 68-83 and 13-85)  There are 18 waterfloods in progress. Water from Eagle and Madison, or produced. Produced water disposed into Madison formation. (Orders 51-65, 52-65, 22-A-74, 80-A-76, 55-A-77, 60-A-80, 91-A-80, 123-A-81, 39-A-82, 20-A-84) SCCBSU enhanced recovery approved EPA-84, 85 and Order 88-85.
<b>DAGMAR</b> Red River	4	0	0	Statewide.
<b>DAGMAR, NORTH</b> Red River	1	0	0	320-acre spacing units; well location no closer than 660' from unit boundary. (Order 6-81) Produced water injected into Dakota formation. (Order 124-A-81)
<b>DEADMANS COULEE</b> Nisku	4	0	0	Statewide. Produced water injected into Judith River formation. (Order 132-A-81)
<b>DEAN DOME</b> Greybull	5	1	1	Statewide. Oil ring below gas cap.
<b>DEER CREEK</b> Interlake Red River	1 0	0 0	2 2	80-acre spacing units 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) Commingling of production permitted upon approval of Board Petroleum Engineer. (Order 18-63)  Excess produced water is disposed into Dakota and Lakota, Morrison and Swift formations. (Orders 6-56, 3-58 and 53-A-83)
<b>DELPHIA</b> Amsden	2	0	0	Statewide.
<b>DEVILS BASIN</b> Amsden Heath Tyler	0 0 0	0 0 0	2 1 1	10-acre spacing units; well location to be in the center of each spacing unit with a 75' tolerance permitted for topographic or geologic reasons. (Order 114-80) Produced water disposed into Heath formation. (Order 59-A-84)
<b>DEVILS POCKET</b> Heath	2	0	0	40-acre spacing units; wells no closer than 165' to spacing unit boundary. (Order 34-85)
<b>DEVON, SOUTH UNIT</b> Bow Island	0	1	0	Drilled on statewide spacing. Unitized for primary production. (Order 28-71, corrected) 320-acre spacing units; wells located no closer than 660' to unit boundaries. (Order 24-84)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>DIAMOND POINT</b>				
Red River	1	0	1	320-acre spacing unit; allowing two wells to produce from the Red River or from commercial production at any depth shallower. (Order 20-80) SWD approved EPA-85.
<b>DIVIDE</b>				
Madison	9	0	1	Statewide. Produced water disposed into Dakota formation. (Order 42-A-80, 130-A-81)
<b>DRY CREEK</b>				
Eagle	0	1	0	Statewide. Field redelineated. (Order 8-70) Six additional gas storage wells, west end of structure.
Frontier	0	12	3	
Greybull	0	2	0	
Judith River	0	2	1	
Virgelle	0	2	0	
<b>DRY CREEK, MIDDLE</b>				
Frontier	0	2	1	320-acre spacing units consisting of two adjacent governmental quarter sections lying north-south or east-west at operator's option with permitted well no closer than 660' from spacing boundary. (Order 25-75)
<b>DRY CREEK, WEST</b>				
Greybull	0	0	1	160-acre spacing units; well location anywhere in spacing unit but no closer than 660' from unit boundary. (Order 43-78) Order 43-78 amended to include Frontier formation. (Order 65-82) Field enlargement. (Order 86-82)
<b>DUGOUT CREEK</b>				
Red River	1	0	0	320-acre spacing units. Well to be no closer than 660' from unit boundary. (Order 22-82)
<b>DUNKIRK</b>				
Bow Island	0	5	2	Only one well may produce from each producing zone, formation, or horizon, but no closer than 990' from section lines. (Order 58-81) Field enlargements. (Orders 104-81 and 66-82)
Dakota	0	15	0	
<b>DUNKIRK, NORTH</b>				
Bow Island	0	14	1	One well per governmental section per zone or horizon. Each producing well to be located anywhere within section but no closer than 990' from section line. (Order 25-77) Field enlargements. (Orders 64-78 and 157-81)
Dakota-Kootenai	0	1	0	
<b>DUTCH JOHN COULEE</b>				
Sunburst	3	0	0	Statewide.
<b>DWYER</b>				
Madison	11	0	3	160-acre 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) Produced water disposed into Dakota formation. (Order 26-63) Waterflood. (Order 20-68)
Interlake	1	0	0	
<b>DWYER RED RIVER &amp; AREA</b>				
Red River	6	0	1	Single spacing unit with two wells. (Order 97-83)
<b>EAGLE</b>				
Duperow	2	0	0	Statewide.
Madison	20	0	3	
Red River	1	0	0	
<b>EAGLE SPRINGS</b>				
Bow Island-Sunburst-Swift	0	6	4	One well per governmental section per zone, located anywhere but no closer than 990' from section line for all gas zones above the top of the Kootenai. (Order 4-78) Commingling of Swift and Sunburst permissible. (Order 19-79)
<b>EAST GLACIER</b>				
Green Horn	1	0	0	Statewide. 160-acre spacing units. (Order 41-81) Amended to enlarge field and designate 80-acre spacing units with permitted well to be located no closer than 330' to the exterior boundaries. (Order 112-81)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>ELK BASIN</b>				
Big Horn	0	0	1	Statewide spacing is waived within unit areas. (Order 10-61) Gas to Elk Basin gasoline plant.
Frontier	12	0	8	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)
Madison	29	0	1	
Embar-Tensleep	16	0	13	
<b>ELK BASIN, NORTHWEST</b>				
Frontier	0	0	4	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) Gas to Elk Basin gasoline plant. Frontier: Waterflood in progress. Embar-Tensleep: Waterflood. (Order 3-67, 6-74) Madison, produced water.
Kootenai	0	0	1	
Tensleep	0	0	4	
<b>ENID, NORTH</b>				
Bakken	2	0	0	Spaced for one well field, NE 1/4 of Sec. 10 and NW 1/4 of Sec. 11, T23N R54E. (Order 45-79)
Red River	3	0	0	
<b>ETHRIDGE</b>				
Swift	0	7	1	Statewide, except two wells. (Order 28-65)
<b>ETHRIDGE, NORTH</b>				
Swift	0	1	0	320-acre spacing units; well location to be no closer than 660' from unit boundaries. Sec. 2, T33N R4W is a 640-acre spacing unit. (Order 98-81)
<b>FAIRVIEW</b>				
Duperow	0	0	1	160-acre spacing units. Well location anywhere in spacing unit but no closer than 660' from unit boundary. (Orders 48-65, 1-67, 43-67, 44-67, 38-84) Gas to Fairview plant. Field area reduced. (Order 119-84)
Interlake	1	0	0	
Madison	6	0	0	
Red River	13	0	1	
<b>FAIRVIEW, EAST</b>				
Red River	2	0	0	320-acre spacing units; designated well in the N 1/2 of Sec. 28 may be located no closer than 660' from the unit boundary or 1,650' from any well producing from the same pool. (Order 76-81)
<b>FAIRVIEW, WEST</b>				
Madison	2	0	0	Statewide.
<b>FERTILE PRAIRIE</b>				
Red River	5	0	0	80-acre spacing units consisting of north-south rectangular units. Well location in NW 1/4 and SE 1/4 of quarter section with 75' topographic tolerance. (Orders 3-56, 7-62) Board Orders 3-56 and 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)
<b>FIDDLER CREEK</b>				
Greybull	2	0	0	Statewide.
<b>FISHHOOK</b>				
Madison	1	0	0	Statewide.
Red River	4	0	0	
<b>FITZPATRICK LAKE</b>				
Bow Island	0	9	2	One well per governmental section located no closer than 990' from section line for all gas zones above the top of the Kootenai. (Order 31-79) Field enlarged. (Order 113-84)
<b>FLAT COULEE</b>				
Blackleaf	0	1	0	Bow Island Gas: 330' from boundary of legal subdivision and 1,320' from other wells in same reservoir. (Order 16-55) Swift Oil: 40-acre spacing units. Well in center of spacing unit with 150' topographic tolerance. (Orders 16-62, 19-63) Dakota Gas: Statewide.
Bow Island	0	2	0	
Dakota	0	1	0	Waterflood unit and redelineation approved for Swift sandstone. (Orders 13-71, 17-A-71, 22-71)
Sawtooth	0	0	1	
Swift	20	3	2	



Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>FLAT LAKE</b>				
Madison	49	0	13	160-acre 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)
Nisku	2	0	0	
				Excess salt water disposed into Muddy, Dakota, or Lakota formations (Orders 39-64, 39-66, 125-A-81) and into Ratcliffe formation (Order 122-A-81). Unit operation for eastern part of field. (Order 7-71) Unit operation for western part of field. (Order 32-74)
<b>FLAT LAKE, EAST</b>				
Madison	1	0	0	Single 160-acre spacing unit. (Order 103-84)
<b>FLAT LAKE, SOUTH</b>				
Ratcliffe	5	0	2	160-acre spacing units established by (Order 2-67) then modified to provide that the permitted well may be located anywhere within the unit but no closer than 660' to any unit boundary. (Order 49-80)
				Excess salt water disposed into Muddy, Dakota, or Lakota. (Order 19-67)
<b>FLAXVILLE</b>				
Mission Canyon	2	0	1	160-acre spacing units; permitted well to be no closer than 660' from the exterior boundaries of the unit. (Order 105-82) Order 105-82 amended to provide 150' tolerance for topographic reasons. (Order 124-82)
				SWD approved EPA-85.
<b>FORT CONRAD</b>				
Bow Island	0	15	0	640-acre spacing units; well location to be no closer than 990' from the section line. (Order 19-81) Field enlargement. (Order 118-82)
<b>FORT GILBERT</b>				
Duperow	1	0	0	160-acre spacing units; well location no closer than 660' from unit boundary with 150' topographic tolerance. (Order 94-81)
Madison	11	0	2	
Red River	2	0	0	
				Excess produced associated gas reinjected into Duperow formation. (Order 78-81)
<b>FOUR MILE CREEK</b>				
Red River	1	0	0	320-acre spacing units. (Order 43-75) Field boundary reduction. (Order 10-83)
<b>FOUR MILE CREEK, WEST</b>				
Red River	1	0	1	Statewide.
<b>FOX CREEK</b>				
Red River	0	0	1	Statewide.
Stonewall	1	0	0	
<b>FOX CREEK, NORTH</b>				
Madison	1	0	1	160-acre spacing units for Madison formation; wells located no closer than 660' to the unit boundary with 150' topographic tolerance. (Order 13-84)
Stoney Mountain	0	0	1	
<b>FRANNIE</b>				
Tensleep	1	0	1	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>				
Bow Island	0	2	0	Sunburst Oil: 40-acre spacing units; well location in center of unit with 250' topographic tolerance. (Orders 29-63, 1-65, amended by Order 48-77) Sunburst Gas: same as Arch Apex. (Order 4-60)
Madison	1	0	0	
Sunburst	29	1	19	Statewide for other formations.
Swift	2	2	1	
				Sunburst waterflood initiated July 1970, using water from Madison (Order 13-70) and Eagle. (Order 27-71) (Order 40-80)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>FRESNO &amp; AREA</b> Eagle	0	6	2	640-acre spacing units; wells located no closer than 990' from unit boundary. One well may be drilled within each spacing unit for each producing horizon within the spacing unit. (Order 14-76) Field enlargement and modification of field rules within certain areas. (Order 52-80)
<b>FROG COULEE</b> Red River	1	0	0	320-acre spacing units; wells to be located no closer than 660' from the unit boundary. (Order 55-79)
<b>FROID, SOUTH</b> Red River	1	0	0	Statewide.
<b>GAGE</b> Amsden	2	0	1	40-acre spacing units; well location to be in center of each unit with a permitted tolerance of 150' for topographical or geological reasons. (Order 120-80) Field enlargement. (Order 44-81)
<b>GALATA</b> Bow Island	0	3	1	One well per governmental section located no closer than 990' to section lines. (Order 21-84) Two wells from same formation per section no closer than 1,320' to each other. (Order 28-84) Field enlarged. (Orders 41-85 and 76-85)
<b>GAS CITY</b> Madison Siluro-Ord	2 9	0 0	1 5	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 and statewide rules for (Deviation), (Commingling), and (Dual Completion) are waived in unitized portion of field. (Order 29-62)  Excess produced water disposed into Judith River formation. (Orders 32-61, 20-64) Waterflood using produced water and Madison water. (Order 16-69) Produced water disposed into Charles "B" formation. (Order 90-A-79)
<b>GILFORD, NORTH</b> Sawtooth	0	0	1	320-acre specified spacing units. One well per unit 660' from boundary, 2,640' between wells. (Order 9-58) Boundary reduction. (Order 38-76) Field enlargement. (Order 9-79)
<b>GIRARD</b> Bakken Red River	1 1	0 0	0 0	Statewide.
<b>GLENDIVE</b> Siluro-Ord-Ratcliffe	13	0	7	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)  80-acre spacing units as set forth by Order 95-84. Commingling of Red River and Madison formations. (Order 95-84)  Excess produced water disposed into Swift, Dakota, and Judith River formations. (Orders 16-56, 16-63, 40-A-70, 7-A-72, 8-A-82)
<b>GLENDIVE, SOUTH</b> Red River	0	0	1	Statewide.
<b>GOLD BUTTE</b> Bow Island	0	1	0	640-acre spacing, well location any quarter-quarter section cornering on center of section. (Order 26-59) Amended field boundary. (Order 43-77)
<b>GOLDEN DOME</b> Frontier Greybull	1 0	2 2	0 0	160-acre spacing; 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)
<b>GOOSE LAKE</b> Ratcliffe Red River	33 1	0 0	4 0	Unitized. (Order 17-72) Reduced field area. (Order 29-77) Unit production curtailment. (Order 45-77)  Excess produced water disposed into Mission Canyon and Dakota formations. (Orders 12-64, 14-66, 12-68) Produced water disposed into Ratcliffe formation. (Order 138-A-80) Produced water disposed into Dakota formation. (Order 117-A-81)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>GOOSE LAKE, WEST</b> Red River	3	0	0	Statewide.
<b>GOSSETT</b> Madison Red River Stoney Mountain	1 1 1	0 0 0	3 0 0	Statewide.
<b>GRABEN COULEE</b> Cut Bank Madison Sunburst	78 5 13	0 0 0	0 0 0	40-acre spacing units; well location no closer than 330' from legal subdivision. (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. (Order 73-62) Excess produced water disposed into Cut Bank formation. (Order 45-A-75 and 63-A-84) Waterflood of Cut Bank sands. (Order 61-83)
<b>GRANDVIEW</b> Bow Island Sawtooth	0 0	4 0	2 1	320-acre spacing units aligned in a north-south direction; well location no closer than 660' to a spacing unit boundary. (Order 49-67) Dual completion with Bow Island.
<b>GRANDVIEW, EAST</b> Swift	4	0	1	Statewide.
<b>GREEN COULEE</b> Red River	1	0	0	160-acre spacing units for Ratcliffe formation. Well location to be no closer than 660' to unit boundaries with 150' tolerance allowed for topographic or geologic reasons. 320-acre spacing units for the Red River formation with well location to be no closer than 660' to the unit boundary nor closer than 1,650' from any well producing from the Red River. (Order 56-81)
<b>GREEN COULEE EAST AREA</b> Interlake Mission Canyon	1 0	0 0	0 1	Single spacing unit. (Order 99-82)
<b>GUMBO RIDGE</b> Tyler	4	0	0	Statewide. Third Cat Creek water for waterflood. (Order 54-79)
<b>GUNSIGHT</b> Madison	4	0	0	Statewide.
<b>GYPSY BASIN</b> Sawtooth, Sunburst, Swift Madison, Nisku	10	0	41	330' from lease lines and 660' between wells in same formation. Only two wells per quarter-quarter section. (Order 7-66) (Sawtooth-Madison) Oil: 40-acre spacing units; wells no closer than 330' from lease line. (Order 7-66) (Sawtooth-Madison) Gas: 160-acre spacing units; well locations in center of any quarter-quarter section in each 160-acre unit, 2,340' between gas wells. 150' topographic tolerance. (Order 13-59) Injection of excessive gas produced with oil into Sunburst gas cap. (Order 6-64)
<b>HAMMOND</b> Muddy	0	9	0	320-acre spacing units; 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>HARDIN</b> Frontier	0	24	23	Statewide.
<b>HARDPAN</b> Bow Island Swift	0 0	12 0	3 1	Spacing one well per section. Well location no closer than 990' from the section boundary. (Order 145-81) Field enlargement. (Order 131-82)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>HARDSCRABBLE CREEK</b> Red River	1	0	1	Statewide.
<b>HAVRE</b> Eagle	0	5	0	Single spacing unit for production of gas.
<b>HAWK CREEK</b> Amsden	1	0	0	Statewide.
<b>HAWK HAVEN</b> Mission Canyon	0	0	1	Single 320-acre spacing unit. (Order 91-81)
<b>HAY CREEK</b> Interlake	1	0	0	Statewide. 320-acre spacing, any two adjacent quarter sections, direction to be determined by operator. Location no closer than 660' from unit boundary. (Orders 15-69, 27-73) Gas to Bronson plant. Water disposal into Red River. (Order 20-A-70) Produced water disposed into Dakota formation. (Order 90-A-80, 129-A-81)
Mission Canyon	2	0	0	
Red River	1	0	0	
<b>HAYSTACK BUTTE</b> Bow Island	0	7	1	640-acre spacing units; one well per each producing horizon above Kootenai. Location no closer than 990' from spacing unit boundary. (Order 85-76) Amended field boundary. (Order 37-77)
<b>HIAWATHA</b> Tyler	4	0	0	Statewide.
<b>HIBBARD</b> Amsden	1	0	0	Statewide. Produced water disposed into the Amsden formation. (Order 9-A-82)
<b>HIGH FIVE</b> Stensvad	9	0	1	Statewide. Water disposed into Dakota and Stensvad formations. (Orders 33-A-77, 70-A-78) Unitized & Polymer-Waterflood authorized. (Order 110-80)
Tyler	6	0	0	
<b>HIGHVIEW</b> Madison	8	2	10	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)
Sawtooth	1	0	0	
<b>HONKER</b> Red River	1	0	0	320-acre specified spacing units; permitted well not to be closer than 660' from the unit boundary. (Order 105-80)
<b>HORSE CREEK</b> Swift	1	0	0	Statewide.
<b>HOWARD COULEE</b> Tyler	1	0	0	Statewide. Produced water injected into the Piper formation. (Order 69-A-78)
<b>INJUN CREEK</b> Tyler	1	0	0	Statewide.
Stensvad	1	0	0	
<b>INTAKE II</b> Madison	1	0	1	320-acre spacing units; permitted well to be located no closer than 660' from the unit boundary. (Order 99-81) Produced water disposed into Dakota formation. (Order 60-A-84) SWD approved EPA-85.
Red River	3	0	0	

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>IVANHOE</b>				
Amsden	1	0	1	40-acre spacing unit for production from any one common formation; well location in center of unit with 200' topographic tolerance. (Order 7-60 and 13-56)
Heath	0	0	1	
Morrison	1	0	0	
Tyler	3	0	5	
				Waterflood of Tyler B and C sands discontinued. Water disposal into Tyler A. (Order 8-A-78, 10-A-84)
<b>JIM COULEE</b>				
Tyler	15	0	1	Unitized. (Order 18-72) No well closer than 330' from unit boundary. Waterflood project approved in Tyler Sands. (Order 18-72)
<b>JIM COULEE, NORTH</b>				
Tyler-Stensvad	2	0	0	Statewide.
<b>KATY LAKE</b>				
Red River	1	0	0	Statewide.
<b>KATY LAKE, NORTH</b>				
Mission Canyon	2	0	0	Statewide except for single 320-acre Red River spacing unit (Order 88-84) and single 160-acre Mission Canyon spacing unit. (Order 89-84)
Nesson	1	0	0	
Red River	5	0	0	
				Produced water disposed into the Dakota formation. (Order 15-A-82)
<b>KEG COULEE</b>				
Stensvad	2	0	1	40-acre spacing in southwest portion of field except that 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) Orders 11-60, 4-64, and 2-76 amended by Order 58-76.
Tyler	10	0	9	
				Three waterflood units. (Orders 3-64, 28-66, 10-69, 14-69) Madison water injected.
<b>KEG COULEE, NORTH</b>				
Tyler	2	0	1	40-acre spacing units; well location in center of spacing unit with 150' topographic tolerance. (Order 46-64) Buffer zone waived. (Order 16-65) Field area amended. (Order 59-76)
<b>KEITH AREA</b>				
Bow Island	0	1	1	Statewide.
Sawtooth	0	1	0	
White Specks	0	3	0	
<b>KEITH, EAST</b>				
Bow Island	0	5	0	Statewide, except unitized portions spaced by Order 22-62. Pooling. (Order 19-66)
Niobrara	0	1	0	
Sawtooth	0	3	0	
Second White Specks	0	10	0	
<b>KELLEY</b>				
Tyler	2	0	1	Statewide. 250' topographic tolerance. (Order 15-67) Waterflood using Third Cat Creek water. (Orders 8-69, 51-76)
<b>KEVIN, EAST GAS FIELD</b>				
Sunburst	0	1	0	320-acre spacing units consisting of E 1/2 and W 1/2 of Sec. 6-34N-1E, all horizons above base of Rierdon formation, commingling approved. (Order 23-85)
<b>KEVIN, EAST NISKU OIL</b>				
Nisku	9	1	0	80-acre spacing units consisting of E 1/2 or W 1/2 of governmental quarter section; wells located in center of SW 1/4 or NE 1/4 of each quarter section with 200' geologic or topographic tolerance. (Order 46-84)
<b>KEVIN-SOUTHWEST</b>				
Bow Island-Dakota-				320-acre one-half section spacing units lying north-south or east-west at operator's option. Location to be no closer than 660' from 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 96-79, 47-80, 163-81)
Sunburst-Swift	0	7	1	
Sunburst	0	9	0	
Swift	0	2	0	

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>KEVIN SUNBURST</b>				
Burwash	9	0	0	Oil: 9 wells per 40-acre tract; only three wells on any side of tract with set back at least 220' from line. Single spacing unit. (Order 61-85) 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 units. (Orders 8-54, 28-55) There are three waterfloods in operation using Madison water. (Orders 9-64, 17-64, 30-64, 36-65) Sunburst water disposed into Madison. (Order 50-76 and 11-A-84) H <sub>2</sub> S, CO <sub>2</sub> and produced water disposed into Madison. (Order 156-81) SWD approved EPA-84.
Colorado-Sunburst-Ellis Stray Sand	0	2	0	
Cut Bank-Madison	826	20	393	
Dakota-Sunburst-Swift-Bow				
Island-Kootenai	116	68	64	
Eagle	0	1	0	
Ellis	50	0	20	
Nisku	0	0	2	
Sawtooth	1	0	0	
<b>KEVIN SUNBURST, NISKU &amp; AREA</b>				
Swift	0	1	0	640-acre spacing units; location no closer than 990' from spacing unit boundary. (Order 83-76)
<b>KICKING HORSE</b>				
Bow Island	0	11	0	320-acre spacing with location permitted no closer than 660' from unit boundary and 990' from field boundary. (Order 17-74) Board Order 17-74 is amended to include certain additional lands into field and provide that 320-acre spacing units may be either the N 1/2 & S 1/2 or E 1/2 & W 1/2 of section. (Order 53-80)
Sawtooth	0	1	0	
Sunburst	1	4	0	
<b>KINCHELOE RANCH, WEST</b>				
Tyler	5	0	0	Statewide.
<b>KINYON COULEE AREA</b>				
Bow Island	0	3	0	Statewide.
<b>KINYON COULEE SOUTH</b>				
Bow Island	0	1	0	Only one well permitted. Well location no closer than 990' from section line. (Order 31-81)
<b>KIPPEN AREA, EAST</b>				
Madison-Swift	0	0	1	Statewide.
Sawtooth	0	0	1	
<b>LAIRD CREEK (LAIRD CREEK U)</b>				
Swift	7	0	2	Statewide. Unitized and waterflood authorized in Swift for oil production. (Order 25-74) Commenced 2-25-77.
<b>LAKE BASIN</b>				
Clagget	0	2	0	160-acre spacing units to base of Virgelle; wells no closer than 660' from unit boundary and 990' from field boundary. Commingling permitted after administrative approval. (Order 9-74) Gas from Telegraph Creek pooled. (Order 29-75)
Eagle-Virgelle	0	13	2	
Frontier	0	1	0	
Telegraph Creek	0	3	2	
<b>LAKE BASIN, NORTH</b>				
Eagle	0	2	0	640-acre spacing units consisting of one section. Locations 990' from section line. (Order 3-74) 160-acre spacing units located no closer than 660' from quarter section lines within restricted sections. (Order 63-76)
<b>LAMBERT</b>				
Red River	4	0	0	320-acre spacing units consisting of the E 1/2 and W 1/2 of section. (Order 3-83)
<b>LAMBERT, NORTH</b>				
Red River	0	0	1	Statewide.
<b>LAMESTEER CREEK</b>				
Red River	1	0	0	Single spacing unit. (Order 101-84)
<b>LANDSLIDE BUTTE</b>				
Madison	12	0	6	Statewide. Reinject gas into Madison formation. (Order 84-84)
Sun River	2	0	0	
<b>LAREDO</b>				
Eagle	0	5	7	320-acre spacing with unit consisting of one-half section lying north-south or east-west at operator's option after administrative approval. Well no closer than 990' from unit boundary. (Order 8-74)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>LEARY</b> Muddy	3	0	0	40-acre spacing units; wells located no closer than 330' to spacing unit boundary with 75' topographic tolerance. (Order 115-84 which amended original 80-acre spacing established by Orders 12-69, 19-70, and 68-76)
<b>LEDGER</b> Bow Island Sawtooth	0 0	40 0	7 1	640-acre spacing; one well per section per sand to be located no closer than 990' from section line. Permissible to commingle two or more sands, subject to administrative approval by the Petroleum Engineer. (Order 53-77)
<b>LEROY</b> Eagle	0	26	17	320-acre spacing with unit consisting of one-half section lying north-south or east-west at operator's option after administrative approval. Well no closer than 660' from unit boundary and 990' from field boundary. (Order 19-75) Board Order 19-75 amended that a tolerance of 330' for permitted well be allowed for topographic reasons. (Order 72-80)
<b>LISCOM CREEK</b> Shannon	0	8	1	Spacing, one well per 640 acres, with location no closer than 990' from section boundary. (Order 20-72)
<b>LITTLE BEAVER</b> Siluro-Ord	34	0	1	Spacing waived and General Rules for (Deviation), (Commingling), and (Dual Completion) are suspended until present Unit Agreement becomes inoperative. (Order 41-62) Waterflood of the Red River was commenced in August 1967. (Order 3-66) Minnelusa water.
<b>LITTLE BEAVER, EAST</b> Siluro-Ord	9	0	1	Same as for Little Beaver. (Order 42-62) Waterflood of the Red River was commenced in April 1965. (Order 33-64)
<b>LITTLE CREEK</b> Eagle-Virgelle	0	1	1	Statewide.
<b>LITTLE PHANTOM</b> Sunburst	1	0	0	10-acre spacing units; well location to be located anywhere within the spacing unit but no closer than 220' from 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> Bow Island-Blackleaf	0	11	0	320-acre N 1/2 and S 1/2 spacing units. Well location no closer than 990' from west line of Sec. 14 and 660' from the remaining unit boundary lines. (Order 40-78) Field enlargement. (Orders 94-79 and 34-80)
<b>LITTLE WALL CREEK</b> Stensvad Tyler Tyler-Stensvad	1 7 2	0 0 0	0 0 0	Statewide. Produced water injected into Tyler formation. (Orders 54-A-77, 63-A-78, 1-A-81) South Little Wall Creek Unit waterflood. (Order 85-83) Little Wall Creek, Tyler Sand Unit. (Order 40-84) Enhanced recovery approved EPA-84.
<b>LITTLE WALL, SOUTH</b> Tyler	19	0	5	Statewide.
<b>LODGE GRASS</b> Minnelusa	2	0	0	Statewide.
<b>LOHMAN</b> Eagle	0	5	4	640-acre spacing; one well per section to be located no closer than 990' from section line. (Order 23-78)
<b>LONE BUTTE</b> Red River	3	0	0	Single 320-acre spacing unit for Red River and Interlake formations; 160-acre spacing units for Madison with well location no closer than 660' from unit boundary with 150' tolerance for topographic or geologic reasons. (Order 83-85)
<b>LONETREE CREEK</b> Red River	9	0	0	320-acre spacing, wells 660' from spacing boundary, 2,000' between wells. (Order 29-72) Field reduction. (Orders 162-81 and 84-85)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>LONETREE CREEK, WEST</b> Red River	1	0	1	Spacing units shall be S 1/2 and N 1/2 of Sec. 12, T24N R56E. No well closer than 660' from boundary or 1,320' from existing well. (Order 73-82)
<b>LONG CREEK</b> Charles C	1	0	0	Statewide.
<b>LONG CREEK, WEST</b> Nisku	2	0	0	80-acre spacing units comprised of two contiguous quarter quarter sections which may lie in either one or two governmental sections aligned either north-south or east-west with location to be no closer than 330' from unit boundary nor less than 1,000' from any other producing well. (Order 27-77) Field enlarged. (Order 71-83)
<b>LOOKOUT BUTTE</b> Madison Siluro-Ord	4 29	0 0	4 2	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. (Order 7-63) Field size reduced. (Order 57-85)  Water disposal into Madison. (Order 68-62) Waterflood of Siluro-Ord approved in 1966. (Order 35-66) Water from Minnelusa.
<b>LOOKOUT BUTTE, EAST</b> Red River	5	0	0	22 delineated spacing units with wells located no closer than 660' to the unit boundary with 175' topographic tolerance. (Order 87-85)
<b>LORING UNIT</b> Bowdoin-Greenhorn-Phillips- Carlile	0	111	1	Federal Unit.
<b>LORING, EAST</b> Bowdoin-Greenhorn-Phillips- Carlile	0	78	0	160-acre spacing units; where discrete gas formations (Bowdoin, Greenhorn and Phillips) exist, a well may be drilled to each discrete formation and may be located no closer than 660' from the unit boundaries. (Order 60-82)
<b>LOST CREEK</b> Interlake	0	0	1	Statewide.
<b>LOWELL</b> Red River	3	0	1	320-acre 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' from unit boundary or closer than 1,650' to well producing from the same horizon. (Order 104-79)
<b>LUSTRE AND AREA</b> Madison Unknown	65 0	0 0	8 1	80-acre spacing units consisting of one-half of a regular governmental quarter section. Either E 1/2 or W 1/2 or N 1/2 and S 1/2. Well to be located in either NE 1/4 or SW 1/4 with 200' tolerance. (Order 19-83) Field enlargement. (Order 43-84)  Produced water disposed into Dakota-Swift formation. (Order 39-A-83 and 58-A-84) SWD approved EPA-85.
<b>LUSTRE, NORTH</b> Ratcliffe	1	0	0	80-acre spacing units 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> Greybull	3	0	1	Statewide.
<b>MARIAS RIVER</b> Bow Island	0	14	5	One well per section per horizon above the top of the Kootenai. Location to be no closer than 990' from section line. (Order 18-78) Field enlargement. (Order 12-83)



Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>MASON LAKE</b>				
Amsden	4	0	1	80-acre 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) Amending Order 35-78 for certain lots designated as spacing units. (Order 66-78) Field enlargement. (Order 16-79)
Cat Creek	10	0	4	
				Produced water disposed into Muddy formation. (Order 3-A-80) and into Mowry formation. (Order 29-A-84) SWD approved EPA-85.
<b>MASON LAKE NORTH</b>				
Amsden	0	0	1	Statewide.
<b>McCABE</b>				
Ratcliffe	3	0	0	160-acre spacing units; permitted well to be no closer than 660' from spacing unit boundary. (Order 100-80) 150' tolerance allowed for topographic reasons. (Order 3-81) Board Order No. 100-80 amended to eliminate the requirement of 1,650' between wells producing from the Madison Group. (Order 37-81)
<b>McCABE, EAST</b>				
Winnipegosis	1	0	0	Statewide.
<b>McCABE, WEST</b>				
Red River	1	0	0	Single spacing unit. (Order 49-84)
<b>McCOY CREEK</b>				
Red River	1	0	0	Statewide.
<b>MEANDER</b>				
Sunburst	2	0	0	40-acre spacing units; well location to be no closer than 330' to the unit boundaries. (Order 30-82)
<b>MEDICINE LAKE</b>				
Siluro-Ord	9	0	1	320-acre spacing units comprised of any two contiguous governmental quarter sections in either one or two governmental sections. Well to be located no closer than 660' from unit boundary nor closer than 1,650' to any well producing from the same formation. (Order 50-79)
Winnipegosis	1	0	0	
				Produced water disposed into Muddy, Kibby and Dakota formations. (Orders 133-A-81, 111-A-82)
<b>MELSTONE</b>				
Tyler	11	0	4	Statewide.
<b>MIDDLE BUTTE</b>				
Bow Island	0	2	0	Orders 3-60, 21-75 amended to delineate field extension and 320-acre spacing units consisting of the E 1/2 and W 1/2 of each section; well location no closer than 990' from the section line and 660' from the interior boundary. (Order 47-77)
Dakota	0	1	1	
Second White Specks	0	1	0	
<b>MIDFORK</b>				
Charles C	1	0	0	Statewide.
<b>MINERAL BENCH</b>				
Charles C	1	0	0	Statewide. Water disposal into Dakota-Lakota per (Order 18-65). Produced water injected into Judith River. (Order 110-A-82)
<b>MINERS COULEE</b>				
Bow Island	0	13	0	Oil: 40-acre units consisting of quarter-quarter sections; well location no closer than 330' from lease or property line and 660' from any other well. (Order 9-66) Order 9-66 amended to comply with Order 5-74. Gas: 160-acre spacing with wells 990' from boundary. (Order 5-74) Sawtooth gas spacing unit. (Order 43-76) Field redelineation. (Order 44-77) Field enlargement. (Order 4-80)
Bow Island-Sunburst	1	0	0	
Madison	0	0	1	
Sawtooth	0	0	1	
Sunburst	3	1	5	
<b>MISSOURI BREAKS</b>				
Red River	1	0	0	320-acre spacing units as specified by Order 97-82.
<b>MONA</b>				
Red River	2	0	1	Statewide.

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>MONARCH</b>				
Madison	0	0	2	80-acre spacing units consisting of E 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)
Siluro-Ord	17	0	5	
				160-acre spacing units consisting of a quarter section; well location in center of SW 1/4 of each quarter section with 175' topographic tolerance. (Orders 12-59, 4-63)
				Produced water is disposed into the salt water disposal system for the Pennel Field. Waterflood initiated 12-1-73. (Order 23-73) Produced water disposed into the Silurian and Charles formation. (Orders 52-A-83 and 55-A-83)
<b>MONDAK, WEST</b>				
Devonian	1	0	0	320-acre spacing units for Silurian and Ordovician pools. Units to consist of either N 1/2 and S 1/2, or E 1/2 and W 1/2. Well location to be no closer than 660' to unit boundary or closer than 1,650' to any well drilling or producing from same pool. (Order 42-77)
Madison	29	0	1	
Siluro-Ord	7	0	0	
				320-acre spacing units for Madison and Devonian formations. Units to consist of either N 1/2 and S 1/2, or E 1/2 and W 1/2. Well location to be no closer than 660' from a quarter section line or section line and no closer than 1,650' to any well drilling or producing from same pool. (Orders 23-77, 33-78, 51-79) Order 51-79 amended to enlarge Madison formation delineation. (Order 95-83)
				Produced water injected into Dakota-Lakota. (Order 49-A-78 and 111-A-80)
<b>MOSSER DOME</b>				
Mosser Sand	3	0	1	Spacing waived. Future development requires administrative approval of the Board. (Order 27-62)
<b>MT. LILLY</b>				
Bow Island	0	1	0	640-acre spacing, well location in approximate center of any of the four quarter-quarter sections adjoining center of section; 250' topographic tolerance. (Order 37-63)
Madison	0	1	1	
Swift	0	1	0	
<b>MUSSELSHELL</b>				
Tyler	1	0	1	Statewide.
<b>MUSTANG</b>				
Red River	3	0	0	Statewide.
<b>NEISER CREEK</b>				
Red River	1	0	0	Single spacing unit. (Order 78-82)
<b>NINEMILE</b>				
Nisku	2	0	0	Statewide.
<b>NOHLY</b>				
Nisku	4	0	0	Single spacing unit. (Order 77-84) Field enlarged for 320-acre Red River spacing units (Order 54-84) and 160-acre Nisku spacing units. (Order 55-84)
Ratcliffe	3	0	0	
Red River	3	0	0	
<b>NOHLY, SOUTH</b>				
Red River	1	0	0	Single spacing unit. (Order 35-83)
<b>NORTH FORK</b>				
Madison	6	0	0	Statewide.
<b>O'BRIENS COULEE</b>				
Blackleaf	0	1	1	Statewide.
Bow Island	0	9	3	
Bow Island-Spike	0	1	0	
Second White Specks	0	1	0	
<b>OLD SHELBY AND AREA</b>				
Bow Island	0	3	0	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. Well location to be no closer than 660' to the unit boundary. Original spacing Order 85-81 plus field enlargement and amendment orders were superceded by Order 90-83. Field extensions. (Orders 15-84, 83-84, 98-84, 116-84, 33-85)
Swift-Sunburst	0	12	5	

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>OLJE</b> Mission Canyon	1	0	0	Single 160-acre spacing unit. (Order 35-85)
<b>OLLIE</b> Duperow Red River	1 1	0 0	0 0	320-acre specified spacing units for the Red River and Duperow formations. The permitted well for each spacing unit to be located no closer than 660' from the spacing unit boundary. (Order 73-80)  Produced water disposed into the Dakota formation. (Order 11-A-82)
<b>OTIS CREEK</b> Red River	3	0	0	Statewide.
<b>OTIS CREEK, SOUTH</b> Red River	3	0	0	320-acre spacing units; well to be located no closer than 660' to unit boundary. (Order 39-72) Extended field boundary. (Orders 56-76, 67-76) Orders 39-72 and 56-76 amended to eliminate spacing units. New spacing units are quarter sections. Well location no closer than 660' from unit boundary or 1,650' from producing well with 150' tolerance. Operator may designate contiguous quarter sections as spacing units. (Order 73-81)
<b>OTTER CREEK</b> Red River	0	0	1	Single spacing unit. (Order 51-83)
<b>OUTLOOK</b> Duperow Interlake Nisku Winnipegosis	1 1 1 5	0 0 0 0	0 1 0 1	160-acre spacing units; well location in center of either SW 1/4 or NE 1/4 of each quarter section; 175' topographic tolerance. (Order 19-59A)  Produced water is disposed into Dakota and Siluro-Devonian formations (Orders 16-59, 17-65, 36-66, 9-A-77) into Madison formation (Order 59-A-78) and into Dakota and Muddy formations. (Order 61-A-84)
<b>OUTLOOK, SOUTH</b> Winnipegosis	1	0	0	160-acre spacing; permitted wells in either SW 1/4 or NE 1/4 of quarter section; 175' topographic tolerance. (Orders 19-59A) Commingling permitted. (Order 45-64)  Produced water disposed into Muddy and Dakota formations. (Order 17-65).
<b>OUTLOOK, WEST</b> Winnipegosis	2	0	0	160-acre spacing units consisting of quarter sections; permitted wells in either SW 1/4 or NE 1/4 with a tolerance of 175'. (Order 7-67)  Produced water disposed into Dakota formations. (Order 42-66)
<b>OXBOW</b> Red River Winnipegosis	1 1	0 0	0 0	320-acre spacing units consisting of two contiguous governmental quarter sections which may be in one or two governmental sections lying east-west or north-south 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. (Order 7-78) Field enlargement. (Order 137-80)
<b>OXBOW II</b> Red River	1	0	0	320-acre spacing units consisting of two contiguous quarter sections which may cross section lines; wells located no closer than 660' to spacing unit boundaries. (Order 50-84)
<b>PALAMINO</b> Nisku	5	0	0	Statewide. Produced water disposed into the Dakota formation. (Order 6-A-82, 58-A-82)
<b>PELICAN</b> Red River	1	0	0	320-acre spacing units; wells to be located no closer than 660' to any governmental section or quarter section line boundary. (Order 21-79)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>PENNEL</b> Siluro-Ord	185	0	14	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 with 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 acres) and in SE 1/4 of each quarter section on 160-acre spacing. (Orders 1-56, 8-56, 15-61, 20-62, 4-63, 7-63) Commingling approved. (Order 59-62)  Produced water is being injected into Dakota, Siluro-Ordovician and Madison formations. (Orders 16-60, 46-62, 68-62, 36-63, 13-64) Waterflood for Siluro-Ordovician approved November 1968. (Order 24-68)
<b>PETE CREEK</b> Sunburst	1	0	0	Statewide.
<b>PHANTOM</b> Sunburst	0	2	4	Gas: wells permitted anywhere within the unit but no closer than 990' to the unit boundary. Oil: Projected depths greater than 6,000' to be located no closer than 660' to the unit boundary. Project depths less than 6,000' to be located no closer than 330' to the unit boundary. (Order 48-77)
<b>PHANTOM, WEST</b> Sunburst	0	1	1	One well per spacing unit to be located no closer than 660' to the exterior boundaries of three certain spacing units. (Order 65-78)
<b>PINE</b> Madison Siluro-Ord	2 39	0 0	2 19	State wide spacing rules are 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) Gas through extraction plant.  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) Produced water injected into Mission Canyon. (Order 10-A-74) Brine and CO <sub>2</sub> injection test. (Order 70-83) Enhanced Recovery Approved EPA-85.
<b>PLENTYWOOD</b> Red River Winnipeg	0 0	0 0	2 1	Statewide.
<b>PLEVNA</b> Judith River	0	0	24	1,200' from quarter section line; 2,400' from other wells in same lease or unit; 75' topographic tolerance. (Orders 34-54, 4-57, and Order 34-54 corrected)
<b>POLICE COULEE</b> Bow Island	0	7	1	320-acre spacing units; location no closer than 990' from section line and 660' from 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) Extended field boundaries. (Order 24-77) Field enlargements. (Orders 20-79 and 46-79)
<b>PONDERA</b> Madison Sun River	248 32	0 0	29 8	Oil: 220' from legal subdivision, 430' from other wells in same reservoir on same lease; 75' topographic tolerance. 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: Well to be located no closer than 1,320' from the boundaries of any quarter section line, nor less than 3,700' from every other drilling or producible well on the same lease or unit. (Order 9-54 corrected) Amend Order 9-54 to designate 160-acre spacing units for gas with wells to be located no closer than 660' from unit boundaries. (Order 26-83)  Produced water injected into lower Madison. (Orders 11-56, 15-56, 4-65, 4-66, 20-A-71, 57-A-78, 58-A-78, 62-A-78, 71-A-78, 29-A-79, 62-A-79, 63-A-79, 64-A-79, 65-A-79, 14-A-80, 15-A-80, 16-A-80, 17-A-80, 127-A-81, 108-A-82, 7-A-82, 1-A-83, 30-A-84)
<b>PONDERA COULEE</b> Madison Sun River	1 4	0 0	2 1	330' from legal subdivision lines or upon a 10-acre spacing pattern; 75' topographic tolerance. (Order 5-62)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>POPLAR, EAST</b>				
Heath	1	0	1	State wide spacing; field delineated by Order 7-55. Redelineation of field. (Order 25-76)
Madison	41	2	8	Unitized in 1955. (Order 7-55) Excess produced water has been injected into the Dakota, Judith River, and Mission Canyon formations. (Orders 1-55, 5-57, 7-57, 14-61, 21-61, 34-61, 10-62, 51-67, 10-A-73, 127-A-80, and 121-A-81)
Nisku	0	1	0	
<b>POPLAR, NORTHWEST AND AREA</b>				
Charles	33	0	8	80-acre spacing units consisting of E 1/2 and W 1/2 of each quarter section; permitted wells to be located in the center of NW 1/4 or SE 1/4 of each quarter section with 75' tolerance allowed in any direction for surface hazards and obstructions. (Order 18-55) 80-acre specifically designated spacing units with well location to be located in the center of the NW 1/4 or SE 1/4 of each quarter section with a tolerance of 150' in any direction for topographic or geologic reasons. (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; permitted well to be located in center of each NE 1/4 or SW 1/4 of each quarter section with 150' tolerance for topographic or geologic reasons. (Orders 124-80, 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 with location to be in center of each NE 1/4 of SW 1/4 of each quarter section with 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 with wells to be located in center of the NE or SW quarter of each quarter section with 150' topographic or geologic tolerance. (Order 42-83)  Produced water disposed into Dakota. (Order 61-A-78, 128-A-82, 62-A-83) Produced water disposed into the Judith River formation. (Orders 13-A-82 and 14-A-82) SWD approved EPA-85.
<b>PRAIRIE DELL</b>				
Bow Island-Dakota-Sunburst-Swift	0	45	5	320-acre spacing units with well location no closer than 660' to spacing unit boundary. (Order 10-76) Redelineation and amendment to Order 10-76. Field enlargement by Orders 28-78, 24-79, 132-80, 40-81, 54-81, 142-81, 56-83, and 9-85.
<b>PRAIRIE ELK</b>				
Charles C	3	0	0	Statewide.
<b>PRICHARD CREEK</b>				
Bow Island	0	0	2	Well locations subject to administrative approval. Unitized as to Sunburst for water injection. (Order 7-73)
Sunburst	3	0	3	
Swift	1	0	0	
<b>PRONGHORN</b>				
Red River	5	0	0	160-acre spacing units; wells located no closer than 660' from unit boundary with 150' topographic or geologic tolerance. (Orders 75-84 and 110-84)
<b>PUMPKIN CREEK</b>				
Shannon	0	0	2	Statewide. Delineated. (Order 10-71)
<b>PUTNAM</b>				
Interlake	1	0	0	Statewide, except for single spacing unit consisting of portions of Sec. 15 and 16, T23N R57E for production from all formations between 6,000 to 11,000 feet. (Order 2-84 amended by Order 11-85)
Madison	5	0	0	
Red River	12	0	0	
<b>RABBIT HILLS, NORTHEAST</b>				
Sawtooth	6	0	0	Statewide.
<b>RABBIT HILLS, SOUTHWEST</b>				
Sawtooth	1	0	1	Statewide.
<b>RAGGED POINT</b>				
Tyler	4	0	7	40-acre spacing units; 75' topographic tolerance. (Order 8-59) Spacing waived for Tyler "A" sand reservoir within Tyler "A" Sand Unit except no well can be closer than 660' to unit boundary. (Order 35-65)  A waterflood project on the Tyler "A" sand was commenced in February 1966, using Third Cat Creek water. (Order 35-65)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>RAGGED POINT, SOUTHWEST</b> Tyler	11	0	1	Applicants may drill and produce wells to the Tyler "A" formation anywhere within the unit but not closer than 330' to the unit boundaries. (Order 83-82) Tyler "A" waterflood unit agreement approval effective August 1, 1982. (Order 83-82)
<b>RAINBOW</b> Red River	1	0	0	Single spacing unit. (Order 69-82)
<b>RAPELJE</b> Eagle-Virgelle-Clagget	0	14	1	160-acre spacing. Wells no closer than 990' to unit boundary. Commingling after administrative approval. (Order 29-73)
<b>RATTLER BUTTE</b> Tyler	6	0	1	Statewide.
<b>RATTLESNAKE BUTTE</b> Amsden Cat Creek	7 2	0 0	1 0	Statewide.
<b>RATTLESNAKE COULEE</b> Bow Island Sunburst	0 1	0 1	2 0	Statewide.
<b>RAYMOND</b> Duperow Mississippian Nisku Red River Winnepegosis	0 9 1 2 1	1 0 0 0 0	0 1 0 0 0	320-acre spacing units. Wells 660' from spacing unit boundary. (Order 38-72) Gas Storage. (Order 50-78) Field extension—new pool designation. (Order 35-79) Order 50-78 amended by Order 60-79. Field enlargement. (Orders 31-80 and 128-80) Field reduction. (Order 135-81) Produced water injected into Dakota formation. (Order 38-A-74) Produced water injected into Mission Canyon. (Order 105-A-79 and 113-A-80) Produced water injected into Ratcliffe formation. (Order 131-A-81) Authorization to inject gas into the Nisku formation. (Order 135-81)
<b>RAYMOND, NORTH</b> Red River	2	0	0	Single spacing unit. (Order 94-82)
<b>RAYMOND, NORTHEAST</b> Nisku	0	0	1	160-acre spacing units. Wells 660' from spacing unit boundary. (Order 12-74)
<b>REAGAN</b> Madison	52	4	21	Statewide. (Order 17-54) A pressure maintenance project utilizing gas injection was started in 1961. (Order 21-60) Waterflood. (Order 27-72)
<b>RED BANK</b> Madison Red River	13 2	0 0	1 1	Statewide. Produced water disposed into the Dakota formation. (Order 10-A-82)
<b>RED BANK, SOUTH</b> Red River	2	0	0	Statewide.
<b>RED CREEK</b> Cut Bank-Madison	14	0	6	40-acre spacing units; wells in center of spacing unit with 75' topographic or obstruction tolerance; spacing and field rules waived for unitized portion. (Orders 16-58, 73-62, 31-64, 5-70) Excess produced water injected into Bow Island and Madison. (Orders 22-63, 37-64, 40-A-83, and 19-A-84) A waterflood project in the Cut Bank sand was initiated in June 1965, using Madison water.
<b>RED FOX</b> Nisku	1	0	0	Field consists of one 160-acre spacing unit which straddles the section line. (Order 20-67)
<b>RED ROCK</b> Eagle Judith River	0 0	2 1	1 2	Spacing units shall consist of the N 1/2 and S 1/2 of section with permitted well to be no closer than 990' from exterior section line nor closer than 660' to half section line. (Order 89-79)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>RED WATER</b> Duperow	1	0	0	Statewide.
<b>RED WATER, EAST</b> Red River	1	0	0	320-acre spacing units consisting of two contiguous quarter sections with permitted well to be no closer than 660' to exterior boundaries of spacing unit. (Order 31-83)
<b>REDSTONE</b> Winnipegosis	1	0	0	One well per 160-acre unit, but no closer than 660' from unit boundary. (Order 30-67)
<b>REFUGE</b> Red River	1	0	0	Statewide.
<b>REPEAT</b> Red River	1	0	0	Statewide.
<b>RESERVE</b> Red River Winnipegosis	3 1	0 0	0 0	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) Excess water injected into Dakota sand. (Order 23-A-67) SWD approved EPA-85.
<b>RICHEY AND AREA</b> Charles	2	0	1	Statewide. Original 80-acre spacing revoked. (Order 11-73)
<b>RICHEY, EAST</b> Charles	0	0	1	Statewide.
<b>RICHEY, SOUTHWEST</b> Interlake	1	0	5	160-acre spacing units; wells no closer than 900' from boundary of spacing unit. (Order 25-62) A waterflood project in the Interlake and Dawson Bay was started in 1965. (Order 34-65)
<b>RIDGELAWN</b> Duperow Madison Red River	3 27 5	0 0 0	0 0 0	Statewide.
<b>RIPRAP COULEE</b> Ratcliffe	5	0	0	160-acre spacing units; wells located no closer than 660' from spacing unit boundary with 150' topographic and geologic tolerance. (Order 93-84)
<b>RIVER BEND</b> Red River	1	0	0	Statewide.
<b>ROCKY BOY AREA</b> Eagle	0	7	0	Statewide.
<b>ROCKY POINT</b> Red River	2	0	0	320-acre spacing unit; well to be located no closer than 660' from exterior boundary. (Order 22-79)
<b>ROSCOE DOME</b> Lakota	4	0	0	Statewide. Steam injection into Greybull and Lakota formations. (Order 40-82)
<b>ROSEBUD</b> Tyler	5	0	1	Statewide.
<b>ROYALS</b> Dawson Bay	1	0	0	Statewide.
<b>RUDYARD</b> Eagle Sawtooth	0 0	2 5	0 0	640-acre spacing units consisting of one section; well location in center of NW 1/4 of section with 75' topographic tolerance. (Order 2-58) Field boundaries reduced. (Order 39-76)
<b>RUNAWAY</b> Madison	1	0	0	Statewide.

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>RUSH MOUNTAIN</b>				
Gunton	1	0	0	Statewide. Dual zone completion in discovery well. Commingling approved. (Order 17-85)
Red River	1	0	0	Excess water injected into Dakota Sand. (Order 5-A-71)
<b>SAGE CREEK</b>				
Blackleaf	0	2	0	640-acre spacing, one producing well per section per formation above the Kootenai to be located no closer than 990' from section line. (Order 38-77) Amended field boundary. (Order 86-79)
Bow Island	0	1	0	
Second White Specks	0	16	1	
<b>SALT LAKE</b>				
Nisku	3	0	0	Statewide. Produced water disposed into Nesson (Madison) formation. (Order 61-A-80)
Ratcliffe	1	0	0	
<b>SAND CREEK</b>				
Interlake-Red River	4	0	1	80-acre spacing units consisting of any two adjacent quarter-quarter sections. Wells located in center of NW 1/4 and SE 1/4 of each quarter section. (Order 16-59) Commingling of production from Interlake and Red River authorized. (Order 49-62) Excess produced water is injected into the Swift formation. (Order 9-61)
<b>SANDWICH</b>				
Swift	0	1	0	320-acre spacing unit. Well located no closer than 990' to spacing unit boundaries. (Order 17-77)
<b>SATURN</b>				
Ratcliffe	1	0	0	Statewide.
<b>SAWTOOTH MOUNTAIN &amp; AREA</b>				
Eagle	0	27	4	640-acre spacing units, one well per section per formation, location to be not less than 990' from governmental section line. (Order 45-76) Amended to allow 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)
Judith River	0	3	1	
<b>SECOND CREEK</b>				
Duperow	0	0	1	303.1-acre Red River spacing unit. (Order 34-78) (Order 127-A-82) 160-acre Duperow spacing units; well locations for each unit to be as specified by Order 119-80. Produced water injected into Dakota/Lakota formations.
Red River	4	0	0	
<b>SHEEPHERDER</b>				
Tyler	3	0	0	Statewide. Waterflood of Tyler "A" authorized May 1984. (Order 33-84) Amended. (Order 107-84)
<b>SHERARD</b>				
Eagle	0	23	37	640-acre spacing units; 990' from section line. (Order 1-74) 160-acre spacing units; (Eagle) 990' from section line, 660' from quarter section line. (Order 7-77) Enlarged field boundary with well locations no closer than 660' from quarter section line in enlarged area. (Order 4-83)
Judith River	0	3	1	
<b>SHOTGUN CREEK</b>				
Ratcliffe	3	0	1	Statewide.
Red River	0	0	1	
<b>SIDNEY</b>				
Madison	23	0	2	160-acre spacing units for Madison Group. 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) Excess water injected into Dakota formation. (Order 41-A-78)
Red River	2	0	0	
<b>SIDNEY, EAST</b>				
Madison	9	0	0	Statewide.



Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>SINGLETREE</b> Winnipegosis	2	0	0	Single spacing unit. (Order 78-84) Produced water disposed into Dakota formation. (Order 59-A-80)
<b>SIOUX PASS</b> Mission Canyon Red River	1 6	0 0	1 1	320-acre spacing units 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. (Interlake and Red River) 160-acre spacing unit (Mission Canyon) with well no closer than 660' from unit boundary. Commingling of Interlake and Red River production authorized. (Order 10-75) Amended field boundary. (Order 15-77) Field reduction. (Order 89-81) Excess water injected into Dakota formation. (Order 15-A-75)
<b>SIOUX PASS, EAST</b> Red River	2	0	0	Statewide.
<b>SIOUX PASS, MIDDLE</b> Red River	6	0	0	320-acre spacing units 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 permissible with Administrative approval. (Order 55-76) An exception to Order 55-76 by (Order 39-81).
<b>SIOUX PASS, NORTH</b> Duperow Madison Red River	0 3 15	0 0 0	2 0 3	320-acre spacing units with well locations at least 660' from unit boundary. (Order 12-75) Commingling approved. (Order 17-76) Field amendments. (Order 8-79 and 10-81) Field extensions. (Orders 12-77, 13-79 and 48-81) Produced water injected in Dakota-Lakota formations. (Order 34-A-75)  Two 320-acre spacing units. (Orders 107-80, 74-82)
<b>SIOUX PASS, SOUTH</b> Red River	2	0	0	Statewide.
<b>SNOOSE COULEE</b> Bow Island	0	6	3	640-acre spacing units; location no closer than 990' from spacing unit boundary. Bow Island and shallower formations. (Order 18-77)
<b>SNYDER</b> Tensleep	3	0	1	10-acre spacing units with center 5-spot permitted; 150' topographic tolerance. (Order 45-62)
<b>SOAP CREEK</b> Madison-Amsden Tensleep	23 11	0 0	2 1	One well per 10-acre spacing unit per producing formation; well location in center of spacing unit with 100' topographic tolerance. (Order 26-60)
<b>SOAP CREEK, EAST</b> Tensleep	3	0	0	Statewide.
<b>SOBERUP COULEE</b> Bow Island	0	1	0	Statewide.
<b>SOUTH FORK</b> Mission Canyon Red River	1 2	0 0	0 1	Statewide.
<b>SPRING COULEE</b> Sawtooth	0	3	1	Statewide.
<b>SPRING LAKE</b> Bakken Red River	1 2	0 0	0 0	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)
<b>SPRING LAKE, SOUTH</b> Red River	1	0	0	Single spacing unit. (Order 81-81)

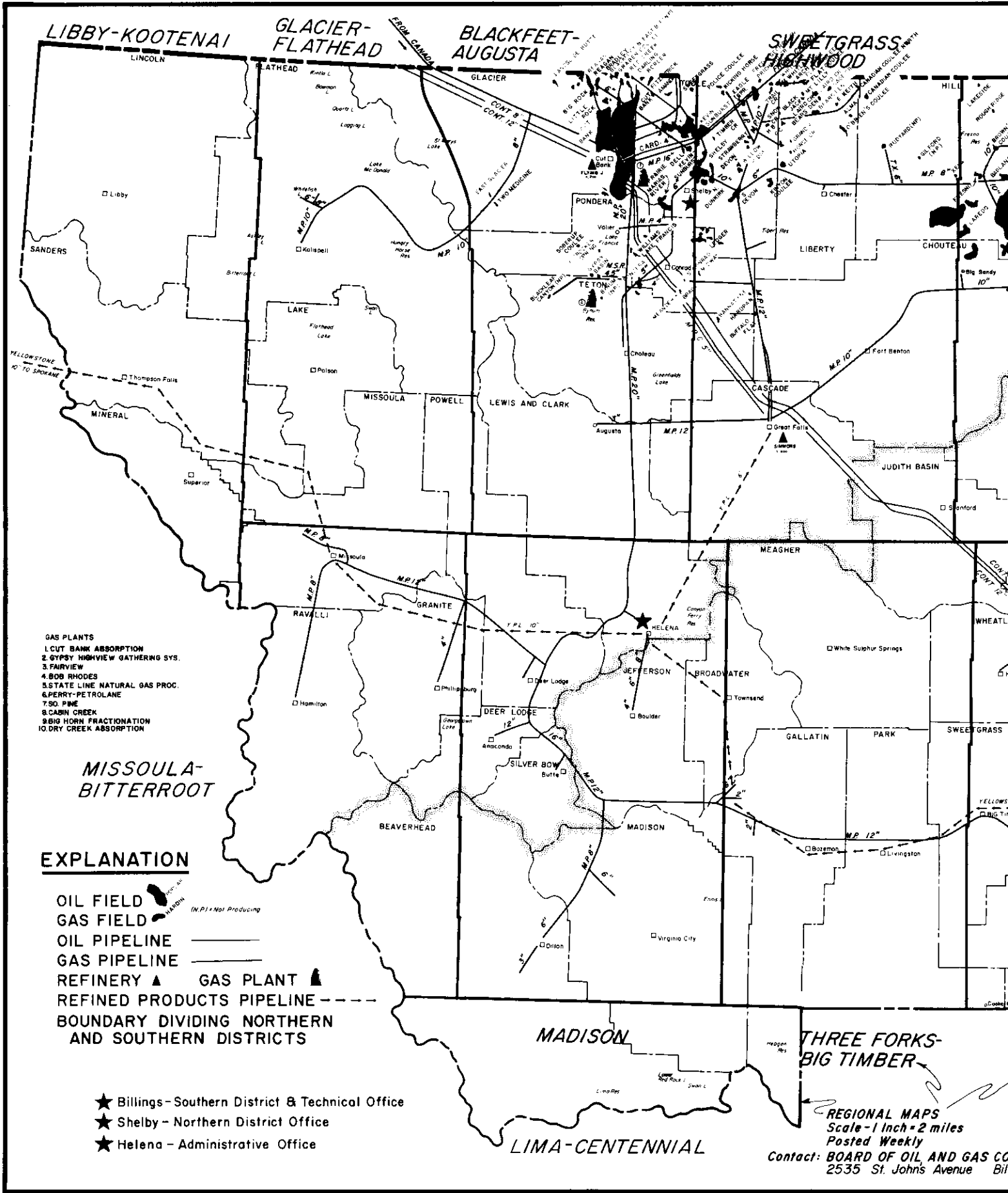
Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>SPRING LAKE, WEST</b> Bakken	1	0	0	Single spacing unit. (Order 42-82)
<b>STAMPEDE</b> Duperow Red River	1 1	0 0	0 0	320-acre specified spacing units for the Red River formation. 160-acre spacing units for the Duperow formation with well location to be no closer than 660' from a spacing unit boundary line. (Order 19-82)
<b>STENSVAD</b> Tyler	4	0	11	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' from unit boundary. (Order 5-65, amended)
<b>STRAWBERRY CREEK AREA</b> Bow Island	0	1	0	Statewide.
<b>STUDHORSE</b> Stensvad Tyler	4 4	0 0	1 0	Statewide.
<b>SUMATRA</b> Amsden-Tyler Heath Madison	82 1 0	0 0 0	69 0 1	40-acre spacing units; well located in center of unit with 75' tolerance. (Order 14-58) Field redelineated. (Order 14-75) Vacuum pumps permitted on certain wells. (Orders 99-79 and 32-80) Seven waterflood units using Madison water. (Orders 48-67, 6-69, 19-69, 23-69, 5-75, 21-78, and 43-80) Produced water disposed into Madison formation. (Order 7-A-76) Convert CTSU, SESTSU and Kincheloe Sumatra Unit to tertiary recovery projects. (Orders 99-84, 100-84 and 29-85)
<b>SUNNYHILL</b> Madison Red River	1 2	0 0	0 0	320-acre spacing units; location to be no closer than 660' to the section or quarter section line which is the exterior boundary of the unit nor closer than 1,650' to any well producing from same formation. (Order 39-78) Field boundaries reduced. (Order 79-84) Produced water disposed into Dakota formation (Order 27-A-80)
<b>SUNNYHILL, WEST</b> Red River	1	0	0	Statewide. SWD approved EPA-85.
<b>SWANSON CREEK</b> Bowdoin-Greenhorn-Phillips	0	60	0	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 boundaries extended by Orders 32-78, 92-79, 66-80 and 55-81. All previous Swanson Creek orders are amended to allow one additional well in each existing 320-acre spacing unit that shall be drilled in a manner that there be no more than one well per quarter section and located no closer than 660' to the quarter section boundaries. (Order 28-82)
<b>SWEETGRASS</b> Sunburst	0	2	0	Single spacing unit. (Order 121-82)
<b>TARGET</b> Madison	11	0	2	Single spacing unit for Mission Canyon/Ratcliffe formations. (Order 18-82) Amendment to Order 18-82 for field enlargement and establishing 160-acre spacing units with permitted well locations to be no closer than 660' from the unit boundaries. 150' tolerance for topographic reasons. (Order 35-82) Field enlargement. (Order 23-84)
<b>THIRTY MILE</b> Sawtooth	1	0	0	Statewide.
<b>THREE BUTTES</b> Red River-Gunton	3	0	0	160-acre spacing units, well location no closer than 660' from governmental quarter section line or unit boundary. (Order 11-81).
<b>THREE MILE</b> Eagle	0	4	2	Statewide.

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>TIBER</b>				
Bow Island	0	1	5	Spacing allows one well for each gas producing horizon to be located anywhere within the section but no closer than 990' to the section line. (Order 143-81) Enlarged. (Order 21-84) Two wells for each formation per section no closer than 1,320' to each other in each section. (Order 28-85).
<b>TIBER, EAST</b>				
Bow Island	0	5	0	One well per governmental section located no closer than 990' to section lines. (Order 21-84) Two wells for each formation per section no closer than 1,320' to each other in each section. (Order 28-85).
<b>TIGER RIDGE &amp; AREA</b>				
Eagle	0	227	61	Field delineation and redelineations. (Orders 17-67, 23-68, 10-70, 13-75, 46-78, 48-79, and 26-80)
Judith River	0	1	1	Statewide spacing for field area not unitized. Spacing rule amendments. (Orders 11-72, 41-72, 32-73, 37-75, 51-77, 52-77, 79-79, 26-80, 50-80, 51-80, 54-80, 26-82, 14-84, 26-85, 48-85, 49-85, and 56-85)
				Excess produced water injected into Eagle formation. (Orders 19-A-73, 46-A-75) (Order 19-A-73) Amended by Order 60-A-78.
<b>TIGER RIDGE, NORTH</b>				
Eagle	0	1	0	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)
<b>TIMBER CREEK</b>				
Sunburst	0	0	1	Statewide.
<b>TIPPY BUTTES</b>				
Tyler	1	0	0	Statewide. Water injection into lower Tyler formation. (Order 57-82)
<b>TRAIL CREEK</b>				
Bow Island	0	4	1	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)
Swift-Sunburst	0	3	0	
<b>TULE CREEK</b>				
Nisku	5	0	0	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)
				Produced water injected into Dakota and Judith River formations. (Orders 12-66, 24-67, 8-A-76, 134-A-81) Produced water disposed into Dakota formation. (Order 38-A-82)
<b>TULE CREEK, EAST</b>				
Nisku	1	0	0	160-acre spacing units with permitted well anywhere within 1,320' square in center of each unit. (Orders 40-64, 6-65)
				Water injected into Judith River formation. (Order 13-68) Water injected into Nisku formation. (Order 28-A-79)
<b>TULE CREEK, SOUTH</b>				
Nisku	1	0	0	160-acre spacing units with permitted well anywhere within a 1,320' square in center of each unit. (Orders 34-64, 6-65)
				Authority given to dispose of produced water into Dakota. (Order 44-64) Into Judith River formation. (Order 29-67)
<b>TWO FORKS</b>				
Eagle	0	0	1	Statewide.
Judith River	0	1	0	
<b>TWO WATERS</b>				
Bakken	2	0	0	Statewide.
Red River	1	0	0	

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>UTOPIA</b>				
Bow Island	0	4	0	640-acre spacing units for Bow Island and Sawtooth; well location may be anywhere within the unit but no closer than 990' to any governmental section line. (Order 13-80)
Sawtooth	0	2	0	
Swift	25	0	2	
40-acre spacing units for Swift formation; location to be in center of quarter-quarter section with no more than 100' topographic tolerance. (Order 9-78) Order 9-78 amended. Spacing units shall consist of one well per quarter-quarter section no closer than 330' from the section boundary. (Order 96-81)				
<b>VANDALIA</b>				
Bear Paw	0	1	0	160-acre spacing units; where discrete gas formations (Bowdoin, Greenhorn, and Phillips) exist a well may be drilled to each discrete formation and to be located no closer than 660' to the unit boundaries. (Order 61-82)
Bowdoin	0	5	0	
Green Horn	0	1	0	
Phillips	0	1	0	
<b>VAUX</b>				
Interlake	2	0	0	Statewide. Single spacing unit with commingling approved for Madison group. (Order 63-83)
Madison	15	0	0	
Red River	5	0	0	
Stonewall	1	0	0	
Produced water injected into the Dakota formation. (Order 44-A-79 and 109-A-82)				
<b>VOLT</b>				
Madison	1	0	0	160-acre spacing units with permitted well anywhere within a 1,320' square in center of each unit. (Orders 27-64, 6-65, 32-65) Statewide.
Nisku	5	0	1	
Excess produced water is disposed into Judith River. (Orders 3-65, 37-A-74)				
<b>WAGON BOX</b>				
Tyler	1	0	1	Statewide.
<b>WAGON TRAIL</b>				
Red River	0	0	1	Statewide. Single 320-acre spacing unit. (Order 2-83)
<b>WAKEA</b>				
Red River-Interlake	5	0	0	Two 320-acre spacing units. (Order 84-83) Field enlarged. (Order 34-84)
Winnipegosis	2	0	0	
<b>WEED CREEK</b>				
Amsden	2	0	0	Statewide.
<b>WELDON</b>				
Kibbey	2	0	2	80-acre spacing unit; each quarter section divided into two separate units running in either a north-south or east-west direction; well location in center of NE 1/4 and SW 1/4 of quarter section with 200' topographic tolerance. (Order 9-65)
Excess produced water is disposed into the Dakota, Lakota, Morrison, Charles, and Kibby formations. (Orders 31-65, 47-65, 37-66, 16-67, 51-A-81, 118-A-81, 128-A-81)				
<b>WEST BUTTE</b>				
Bow Island	0	1	0	Statewide, except W 1/2 Sec. 16 is considered a single spacing unit. Sawtooth-Madison gas commingled, unitized. (Order 5-72) No well closer than 330' from unit boundary.
Swift-Sunburst	6	0	0	
<b>WEST BUTTE SHALLOW GAS</b>				
Bow Island-Dakota	0	2	0	160-acre spacing units; with one well to be permitted to produce from each individual gas producing formation above the top of the Kootenai to the surface within each 160-acre spacing unit. Well locations to be anywhere within the spacing unit but not closer than 990' from the spacing unit boundaries. (Order 39-77)
<b>WHITewater, EAST</b>				
Bowdoin-Greenhorn-Phillips	0	8	0	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)

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>WHITLASH</b>				
Bow Island-Dakota-Spike	5	28	8	Gas: 300' 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 permitted; 75' topographic tolerance. (Orders 16-54, 27-70) Order 16-54 amended to include S 1/2 of Sec. 30, T37N R4E. SW 1/4 of 30 is one spacing unit, SE 1/4 is the other. Well location no closer than 990' from spacing unit boundary. (Order 45-81)
Madison	0	1	0	
Swift-Sunburst	78	7	10	
<b>WHITLASH, WEST</b>				
Bow Island	0	1	0	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 as amended) Orders 61-62 amended by Order 48-77. Field extension. (Order 18-79)
Swift-Sunburst	6	3	6	
<b>WILLIAMS</b>				
Bow Island	0	17	2	640-acre spacing unit; well to be located no closer than 990' to exterior boundary for all formations above the Kootenai. (Order 49-79) Amendment enlarging field boundary. (Order 102-79, 11-83)
<b>WILLOW CREEK, NORTH</b>				
Tyler	2	0	1	Statewide. Pilotflood. (Order 19-72)
<b>WILLOW RIDGE</b>				
Bow Island	0	12	2	640-acre spacing units; location to be no closer than 990' to unit boundary for gas production from all formations to the top of the Kootenai. (Order 29-78) 40-acre spacing units with permitted five wells; well may be located in the center of each 10-acre quarter-quarter section and one in the center of each 40-acre subdivision with a 75' topographic tolerance allowed. (Order 30-78)
Burwash	4	0	0	
Dakota	0	1	0	
Duperow	0	0	2	
Sunburst	0	1	0	
Swift	0	1	0	
<b>WILLOW RIDGE, SOUTH</b>				
Sunburst	0	0	1	Statewide.
<b>WILLS CREEK, SOUTH</b>				
Siluro-Ord	3	0	0	160-acre spacing units. 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)
<b>WINDMILL</b>				
Duperow	0	0	1	Statewide.
<b>WINNETT JUNCTION</b>				
Tyler	3	0	1	20-acre spacing units. Units to be designated as 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 bound by Order 57-76 vacated by Order 41-77. A waterflood operation commenced October 1, 1977 into Tyler formation. (Order 41-77)
<b>WOLF SPRINGS</b>				
Amsden	6	0	2	80-acre 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) Field area reduction. (Order 92-76)
<b>WOLF SPRINGS, SOUTH</b>				
Amsden	6	0	0	80-acre spacing units 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)
<b>WOODROW</b>				
Charles	1	0	0	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) Produced water injected into Dakota. (Order 48-62)
Red River	0	0	3	

Field, Formation	Oil	Gas	Shut-in	Spacing Regulations, Field Rules, and Remarks
<b>WRANGLER</b> Red River	2	0	0	320-acre spacing units consisting of W 1/2 and E 1/2 of Sec. 25, T34N R56E. (Order 44-85)
<b>WRANGLER, NORTH</b> Red River	1	0	0	Statewide.
<b>WRIGHT CREEK</b> Muddy	6	0	1	80-acre spacing units 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. Field area reduction. (Order 69-76) Excess produced water is disposed of into the Muddy formation. (Order 8-A-77)
<b>YATES</b> Red River	2	0	0	320-acre spacing units; well locations as specified for the Duperow and Red River formations that may be dually completed. (Order 92-81)



**LIBBY-KOOTENAI**

**GLACIER-FLATHEAD**

**BLACKFEET-AUGUSTA**

**SWEETGRASS-HIGHWOOD**

**MISSOULA-BITTERROOT**

**MADISON**

**LIMA-CENTENNIAL**

**THREE FORKS-BIG TIMBER**

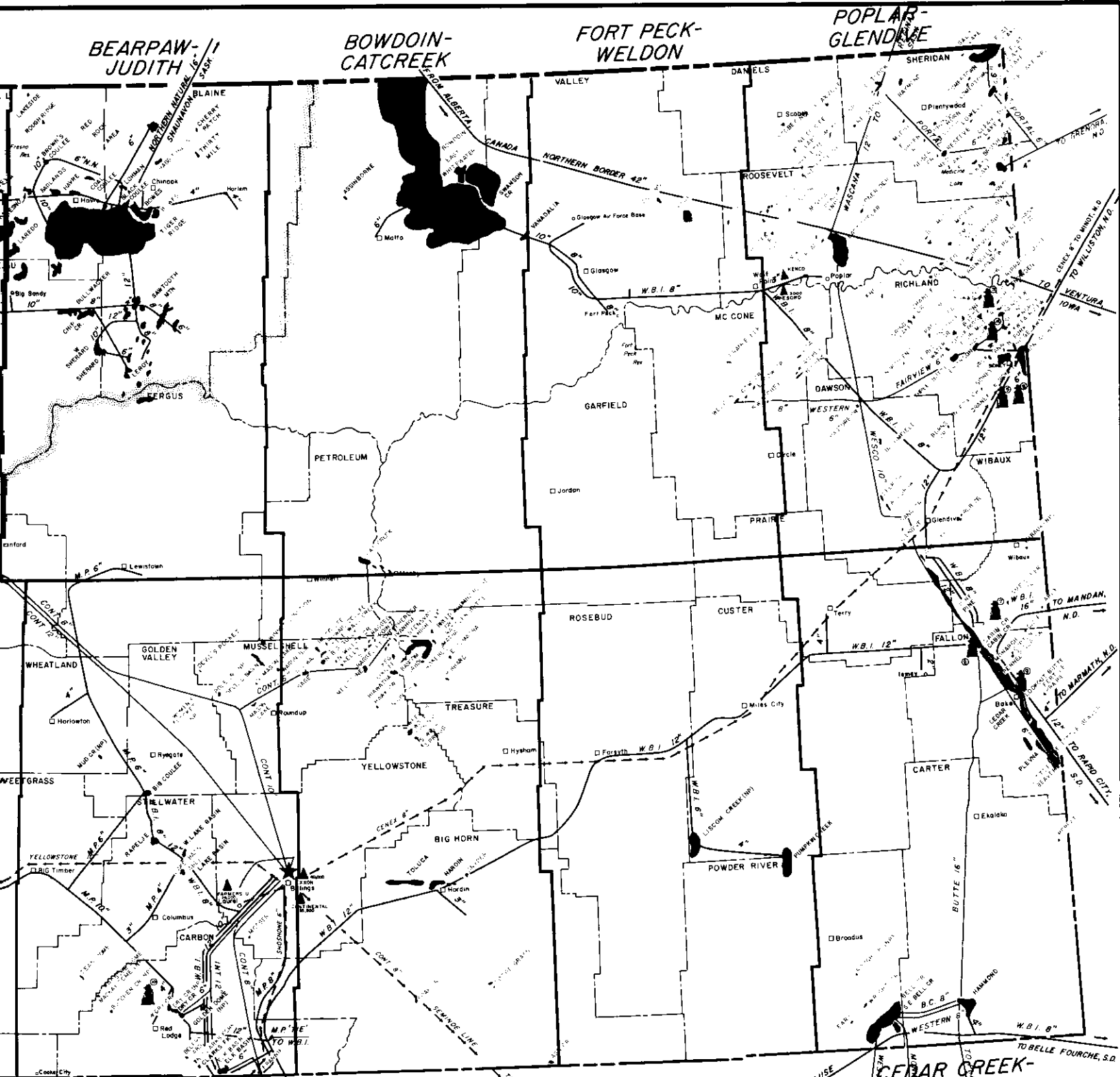
- GAS PLANTS**
- 1. CUT BANK ABSORPTION
  - 2. GYPSY HIGHVIEW GATHERING SYS.
  - 3. FAIRVIEW
  - 4. BOB RHODES
  - 5. STATE LINE NATURAL GAS PROC.
  - 6. PERRY-PETROLANE
  - 7. SO. PINE
  - 8. CABIN CREEK
  - 9. BIG HORN FRACTIONATION
  - 10. DRY CREEK ABSORPTION

**EXPLANATION**

- OIL FIELD
- GAS FIELD
- OIL PIPELINE
- GAS PIPELINE
- REFINERY
- GAS PLANT
- REFINED PRODUCTS PIPELINE
- BOUNDARY DIVIDING NORTHERN AND SOUTHERN DISTRICTS

- ★ Billings - Southern District & Technical Office
- ★ Shelby - Northern District Office
- ★ Helena - Administrative Office

**REGIONAL MAPS**  
 Scale - 1 inch = 2 miles  
 Posted Weekly  
 Contact: BOARD OF OIL AND GAS COMMISSIONERS  
 2535 St. Johns Avenue, Billings, MT



**MONTANA  
OIL AND GAS FIELDS, PIPELINES AND REFINERIES**

1985

BOARD OF OIL AND GAS CONSERVATION

GAS CONSERVATION  
Billings, Mont. 59102

RJK 83



# STATE OF MONTANA SUMMARY OF PRO

LINE NO.	FIELD	PRODUCING FORMATION	COUNTY	YEAR OF DISCOVERY	DEPTH	GRAVITY °API	F.V.F.	NET PAY FT.	POROSITY (%)	% WATER	RECOVERY FACTOR%		PRO
											PRIMARY	SECONDARY	
1.	Anvil	Nisku	Roosevelt	1981	10,900	40	1.50	14	17	34	52	—	
2.	Anvil	Red River	Roosevelt	1978	12,600	47	1.63	26	14	32	9	—	
3.	Bainville	Gunton, Red River	Roosevelt	1969	12,402	44	—	—	—	—	—	—	
4.	Bainville North	Ratcliffe	Roosevelt	1980	8,800	30	—	13	—	—	—	—	
5.	Bainville North	Red River	Roosevelt	1979	12,400	43	1.55	40	9	32	2	—	
6.	Bainville North	Winnipegosis	Roosevelt	1979	11,400	44	1.60	35	7	20	6	—	
7.	Bainville West	Madison	Roosevelt	1978	9,500	—	—	—	—	—	—	—	
8.	Bainville West	Red River	Roosevelt	1978	8,500	34	1.50	12	6	45	9	—	
9.	Bainville II	Red River	Roosevelt	1981	12,700	42	1.20	40	10	35	9	—	
10.	Bears Den	Swift	Liberty	1924	2,300	39	1.08	20	9	35	21	—	
11.	Bell Creek	Muddy	Powder River	1967	4,400	36	1.11	10	26	23	60	28	
12.	Benrud	Nisku	Roosevelt	1983	7,864	40	—	—	—	—	—	—	
13.	Benrud East	Nisku	Roosevelt	1962	7,500	46	1.37	22	15	30	44	—	
14.	Benrud Northeast	Nisku	Roosevelt	1964	7,400	46	1.40	23	16	30	42	—	
15.	Big Gully North	Tyler	Musselshell	1977	3,900	—	—	6	—	—	—	—	
16.	Big Muddy Creek	Mission Canyon	Roosevelt	1981	8,500	44	—	14	—	—	—	—	
17.	Big Muddy Creek	Red River	Roosevelt	1975	11,900	48	1.72	11	14	36	20	—	
18.	Big Wall	Amdsen	Musselshell	1953	2,500	19	1.01	17	16	35	24	—	
19.	Big Wall	Tyler	Musselshell	1948	3,000	31	1.02	22	17	40	31	1	
20.	Black Diamond	Red River	Wibaux	1981	11,310	27	1.31	4	40	10	3	—	
21.	Blackfoot	Cut Bank, Greenhorn, Madison	Glacier	1957	3,500	30	1.11	15	15	35	11	22	
22.	Bloomfield	Dawson Bay	Dawson	1984	10,500	41	—	30	—	—	—	—	
23.	Bloomfield	Interlake	Dawson	1983	10,650	43	—	—	—	—	—	—	
24.	Blue Hill	Red River	Richland	1977	12,600	48	1.35	32	10	60	4	—	
25.	Blue Mountain	Red River	Wibaux	1984	11,949	31	—	40	—	—	—	—	
26.	Border	Sunburst	Toole	1929	2,400	31	1.08	22	15	30	19	2	
27.	Bowes	Sawtooth	Blaine	1949	3,300	19	1.02	32	12	31	14	—	
28.	Box Canyon	Red River	Richland	1980	11,800	46	—	11	—	—	—	—	
29.	Bradley	Madison	Glacier	1959	3,500	26	1.25	6	11	49	50	—	
30.	Brady	Sunburst	Pondera	1942	1,500	34	1.01	10	12	30	6	—	
31.	Breed Creek	Tyler	Rosebud	1976	4,900	32	1.15	20	15	37	22	—	
32.	Brorson	Madison	Richland	1954	9,600	32	1.40	40	5	40	9	—	
33.	Brorson	Red River	Richland	1968	12,600	48	1.70	20	10	35	37	—	
34.	Brorson South	Red River	Richland	1968	12,600	48	1.70	20	12	30	8	—	
35.	Brush Lake	Red River	Sheridan	1969	11,400	40	1.50	30	14	35	12	—	
36.	Burget East	Madison	Roosevelt	1981	9,000	—	—	36	—	—	—	—	
37.	Burget East	Red River	Roosevelt	1980	12,800	45	—	55	—	—	—	—	
38.	Burns Creek South	Red River	Richland	1981	11,500	32	1.60	16	17	50	2	—	
39.	Cabin Creek Unit 1	Siluro-Ord	Fallon	1953	9,000	33	1.20	50	13	30	20	11	1
40.	Cabin Creek Unit 2	Madison	Fallon	1956	7,300	33	1.13	25	11	30	53	—	
41.	Canal	Madison	Richland	1977	9,200	33	1.30	47	2	41	33	—	
42.	Canal	Red River	Richland	1970	12,700	47	2.07	58	8	40	20	—	
43.	Carlyle	Red River	Wibaux	1978	10,700	37	1.30	12	12	27	7	—	
44.	Cat Creek East	Swift	Garfield	1920	1,200	52	1.10	6	22	40	64	8	
45.	Cat Creek Mosby	Swift	Garfield, Petroleum	1945	1,700	52	1.10	25	18	40	20	1	
46.	Cat Creek West Units	1 & 2 Cat	Petroleum	1920	1,100	52	1.10	51	21	19	8	5	
47.	Charlie Creek	Nisku	Richland	1976	9,900	42	1.60	12	6	35	83	—	
48.	Charlie Creek East	Red River	Richland	1980	11,900	45	—	27	—	—	—	—	
49.	Clear Lake	Madison	Sheridan	1978	7,600	33	1.15	10	5	30	28	—	
50.	Clear Lake	Nisku	Sheridan	1979	9,000	43	1.53	31	11	27	2	—	
51.	Clear Lake	Red River	Sheridan	1977	11,200	42	1.65	32	18	35	5	—	
52.	Colored Canyon	Red River	Sheridan	1978	11,300	40	1.40	18	13	28	4	—	
53.	Comertown	Nisku	Sheridan	1983	10,672	36	—	—	—	—	—	—	
54.	Comertown	Ratcliffe	Sheridan	1981	6,807	32	—	—	—	—	—	—	
55.	Comertown	Red River	Sheridan	1980	10,500	30	1.30	19	10	38	24	—	
56.	Cow Creek	Charles	McCone	1969	6,900	41	—	—	—	35	—	—	
57.	Cow Creek	Kibby	McCone	1971	6,300	35	1.05	15	15	—	10	—	
58.	Crane	Devonian	Richland	1979	11,900	47	1.65	20	12	35	17	—	
59.	Crane	Red River	Richland	1979	12,700	—	—	—	—	8	—	—	
60.	Cupton	Red River	Fallon	1955	9,600	38	1.25	40	12	16	4	—	
61.	Cut Bank	Cut Bank	Toole, Glacier, Pondera	1932	2,900	31	1.09	18	15	35	38	6	2
62.	Dagmar	Red River	Sheridan	1976	11,300	37	1.65	22	16	35	5	—	
63.	Dagmar North	Madison	Sheridan	1983	7,952	—	—	24	—	—	—	—	
64.	Deadmans Coulee	Nisku	Roosevelt	1981	7,500	45	1.10	10	11	40	10	—	
65.	Dean Dome	Greybull	Stillwater	1966	2,500	10	—	2	—	—	—	—	
66.	Diamond Point	Red River	Roosevelt	1976	11,900	47	—	26	—	—	—	—	
67.	Divide	Madison	Sheridan	1979	7,900	33	1.35	25	7	42	11	—	
68.	Dry Creek	Virgille	Carbon	1929	2,600	65	1.01	60	15	65	47	—	
69.	Dwyer	Interlake	Sheridan	1984	11,131	41	—	23	—	—	—	—	
70.	Dwyer	Ratcliffe	Sheridan	1960	8,000	37	1.32	38	11	56	74	21	

# A SUMMARY OF PRODUCING OIL FIELDS —1985

POROSITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES	OOIP		ULTIMATE RECOVERY					1985 PRODUCTION		CUMMULATIVE PRODUCTION 1-1-86 (M BBLs)	RESERVES (M BBLs)	LINE NO.
		PRIMARY	SECONDARY		(M BBLs)	BBLs/ACRE	PRIMARY (M BBLs)	SECONDARY (M BBLs)	TOTAL (M BBLs)	BBLs/ ACRE	BBLs/ ACRE FT.	BBLs	BOPD			
17	34	52	—	160	1,300	8,125	680	—	680	4,250	304	126,648	346	331	349	1.
14	32	9	—	2,560	30,159	11,780	2,710	—	2,710	1,059	41	275,561	754	1,792	918	2.
—	—	—	—	960	—	—	—	—	—	—	—	67,353	184	120	71	3.
—	—	—	—	160	—	—	—	—	—	—	—	9,555	26	42	74	4.
9	32	2	—	2,240	27,446	12,252	590	—	590	263	7	42,277	115	577	13	5.
7	20	6	—	960	9,123	9,503	580	—	580	604	17	85,042	232	307	273	6.
—	—	—	—	160	—	—	—	—	—	—	—	3,029	8	6	2	7.
6	45	9	—	960	1,966	2,047	170	—	170	177	15	13,186	36	166	4	8.
10	35	9	—	640	10,758	16,809	920	—	920	1,438	36	131,922	361	247	673	9.
9	35	21	—	280	2,353	8,403	500	—	500	1,786	89	6,512	17	492	8	10.
26	23	60	28	8,240	115,297	13,992	69,430	67,650	137,080	16,636	1,664	1,689,670	4,629	126,329	10,751	11.
—	—	—	—	160	—	—	—	—	—	—	—	18,095	49	48	46	12.
15	30	44	—	480	6,279	13,081	2,770	—	2,770	5,771	262	36,943	101	2,628	142	13.
16	30	42	—	160	2,284	14,275	960	—	960	6,000	261	10,178	27	950	10	14.
—	—	—	—	40	—	—	—	—	—	—	—	2,417	6	23	3	15.
—	—	—	—	480	—	—	—	—	—	—	—	5,863	16	40	5	16.
14	36	20	—	1,280	5,690	4,445	1,150	—	1,150	898	82	26,072	71	1,111	39	17.
16	35	24	—	280	3,802	13,578	900	—	900	3,214	189	11,798	32	898	2	18.
17	40	31	1	1,220	20,822	17,067	6,550	230	6,780	5,557	253	54,389	149	6,480	300	19.
40	10	3	—	640	5,458	8,528	160	—	160	250	63	13,298	36	105	55	20.
15	35	11	22	400	4,089	10,222	450	1,100	1,550	3,875	258	48,736	133	1,345	205	21.
—	—	—	—	160	—	—	—	—	—	—	—	28,741	78	64	42	22.
—	—	—	—	320	—	—	—	—	—	—	—	39,607	108	120	70	23.
10	60	4	—	640	4,708	7,356	170	—	170	266	8	5,079	13	160	10	24.
—	—	—	—	320	—	—	—	—	—	—	—	12,276	33	31	28	25.
15	30	19	2	440	7,301	16,593	1,390	120	1,510	3,432	156	18,045	49	1,396	114	26.
12	31	14	—	3,760	75,774	20,152	10,950	—	10,950	2,912	91	138,434	379	9,266	1,684	27.
—	—	—	—	960	—	—	—	—	—	—	—	26,065	71	170	41	28.
11	49	50	—	240	501	2,087	250	—	250	1,042	174	2,896	7	244	6	29.
12	30	6	—	400	2,581	6,452	150	—	150	375	38	7,893	21	145	5	30.
15	37	22	—	520	6,630	12,750	1,460	—	1,460	2,808	140	106,627	292	892	568	31.
5	40	9	—	1,600	10,640	6,650	950	—	950	594	15	68,316	187	741	209	32.
10	35	37	—	960	5,695	5,932	2,100	—	2,100	2,188	109	35,374	96	2,097	3	33.
12	30	8	—	960	7,360	7,666	620	—	620	646	32	41,530	113	246	374	34.
14	35	12	—	2,240	31,628	14,119	3,900	—	3,900	1,741	58	79,873	218	2,309	1,591	35.
—	—	—	—	640	—	—	—	—	—	—	—	20,418	55	83	4	36.
—	—	—	—	320	—	—	—	—	—	—	—	4,052	11	25	4	37.
17	50	2	—	640	4,220	6,593	100	—	100	156	10	14,609	40	79	21	38.
13	30	20	11	11,840	348,282	29,415	70,870	25,600	96,470	8,148	163	1,699,760	4,656	70,863	25,600	39.
11	30	53	—	2,260	29,868	13,215	15,700	—	15,700	6,947	278	88,193	241	14,627	1,073	40.
2	41	33	—	640	2,118	3,309	690	—	690	1,078	23	50,187	137	309	381	41.
8	40	20	—	320	3,339	10,434	680	—	680	2,125	37	14,373	39	586	94	42.
12	27	7	—	640	4,015	6,273	290	—	290	453	38	19,081	52	248	42	43.
22	40	64	8	880	4,915	5,585	3,170	200	3,370	3,830	638	9,017	24	3,333	37	44.
18	40	20	1	880	16,757	19,042	3,310	100	3,410	3,875	155	10,065	27	3,329	81	45.
21	19	8	5	1,400	85,656	61,182	6,530	3,760	10,290	7,350	144	44,190	121	10,031	259	46.
6	35	83	—	320	726	2,268	600	—	600	1,875	156	16,983	46	574	26	47.
—	—	—	—	640	—	—	—	—	—	—	—	35,202	96	248	101	48.
5	30	28	—	640	1,511	2,360	430	—	430	672	67	31,718	86	220	210	49.
11	27	2	—	320	4,039	12,621	80	—	80	250	8	5,577	15	68	12	50.
18	35	5	—	1,920	33,799	17,603	1,660	—	1,660	865	27	158,618	434	1,389	271	51.
13	28	4	—	1,920	17,926	9,336	650	—	650	339	19	75,125	205	617	33	52.
—	—	—	—	640	—	—	—	—	—	—	—	90,339	247	303	284	53.
—	—	—	—	160	—	—	—	—	—	—	—	17,896	49	52	40	54.
10	38	24	—	800	5,624	7,030	1,350	—	1,350	1,688	89	127,267	348	1,015	335	55.
—	35	—	—	160	—	—	—	—	—	—	—	2,802	7	127	9	56.
15	—	10	—	1,600	26,599	16,624	2,690	—	2,690	1,681	112	51,949	142	2,231	459	57.
12	35	17	—	1,280	9,389	7,335	1,640	—	1,640	1,281	64	112,283	307	929	711	58.
—	8	—	—	640	—	—	—	—	—	—	—	3,095	8	91	16	59.
12	16	4	—	2,240	56,054	25,024	2,420	—	2,420	1,080	27	80,604	220	1,931	489	60.
15	35	38	6	27,360	341,756	12,491	128,590	34,440	163,030	5,959	331	1,073,090	2,939	158,322	4,708	61.
16	35	5	—	1,280	13,770	10,757	640	—	640	500	23	49,439	135	463	177	62.
—	—	—	—	160	—	—	—	—	—	—	—	4,353	11	10	72	63.
11	40	10	—	640	2,979	4,654	300	—	300	469	47	29,962	82	252	48	64.
—	—	—	—	240	—	—	—	48	—	—	—	13,654	37	91	23	65.
—	—	—	—	640	—	—	—	—	—	—	—	67,191	184	557	178	66.
7	42	11	—	2,240	13,066	5,833	1,460	—	1,460	652	26	149,265	408	1,169	291	67.
15	65	47	—	360	8,710	24,194	4,100	—	4,100	11,389	190	1,418	3	4,097	3	68.
—	—	—	—	320	—	—	—	—	—	—	—	4,304	11	33	3	69.
11	56	74	21	4,960	53,615	10,809	39,610	23,800	63,410	12,784	336	19,238	52	62,867	543	70.

# STATE OF MONTANA SUMMARY OF PRODUCTION

LINE NO.	FIELD	PRODUCING FORMATION	COUNTY	YEAR OF DISCOVERY	DEPTH	GRAVITY °API	F.V.F.	NET PAY FT.	POROSITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES
											PRIMARY	SECONDARY	
1.	Anvil	Nisku	Roosevelt	1981	10,900	40	1.50	14	17	34	52	—	160
2.	Anvil	Red River	Roosevelt	1978	12,600	47	1.63	26	14	32	9	—	2,560
3.	Bainville	Gunton, Red River	Roosevelt	1969	12,402	44	—	—	—	—	—	—	960
4.	Bainville North	Ratcliffe	Roosevelt	1980	8,800	30	—	13	—	—	—	—	160
5.	Bainville North	Red River	Roosevelt	1979	12,400	43	1.55	40	9	32	2	—	2,240
6.	Bainville North	Winnipegosis	Roosevelt	1979	11,400	44	1.60	35	7	20	6	—	960
7.	Bainville West	Madison	Roosevelt	1978	9,500	—	—	—	—	—	—	—	160
8.	Bainville West	Red River	Roosevelt	1978	8,500	34	1.50	12	6	45	9	—	960
9.	Bainville II	Red River	Roosevelt	1981	12,700	42	1.20	40	10	35	9	—	640
10.	Bears Den	Swift	Liberty	1924	2,300	39	1.08	20	9	35	21	—	280
11.	Bell Creek	Muddy	Powder River	1967	4,400	36	1.11	10	26	23	60	28	8,240
12.	Benrud	Nisku	Roosevelt	1983	7,864	40	—	—	—	—	—	—	160
13.	Benrud East	Nisku	Roosevelt	1962	7,500	46	1.37	22	15	30	44	—	480
14.	Benrud Northeast	Nisku	Roosevelt	1964	7,400	46	1.40	23	16	30	42	—	160
15.	Big Gully North	Tyler	Musselshell	1977	3,900	—	—	6	—	—	—	—	40
16.	Big Muddy Creek	Mission Canyon	Roosevelt	1981	8,500	44	—	14	—	—	—	—	480
17.	Big Muddy Creek	Red River	Roosevelt	1975	11,900	48	1.72	11	14	36	20	—	1,280
18.	Big Wall	Amdsen	Musselshell	1953	2,500	19	1.01	17	16	35	24	—	280
19.	Big Wall	Tyler	Musselshell	1948	3,000	31	1.02	22	17	40	31	1	1,220
20.	Black Diamond	Red River	Wibaux	1981	11,310	27	1.31	4	40	10	3	—	640
21.	Blackfoot	Cut Bank, Greenhorn, Madison	Glacier	1957	3,500	30	1.11	15	15	35	11	22	400
22.	Bloomfield	Dawson Bay	Dawson	1984	10,500	41	—	30	—	—	—	—	160
23.	Bloomfield	Interlake	Dawson	1983	10,650	43	—	—	—	—	—	—	320
24.	Blue Hill	Red River	Richland	1977	12,600	48	1.35	32	10	60	4	—	640
25.	Blue Mountain	Red River	Wibaux	1984	11,949	31	—	40	—	—	—	—	320
26.	Border	Sunburst	Toole	1929	2,400	31	1.08	22	15	30	19	2	440
27.	Bowes	Sawtooth	Blaine	1949	3,300	19	1.02	32	12	31	14	—	3,760
28.	Box Canyon	Red River	Richland	1980	11,800	46	—	11	—	—	—	—	960
29.	Bradley	Madison	Glacier	1959	3,500	26	1.25	6	11	49	50	—	240
30.	Brady	Sunburst	Pondera	1942	1,500	34	1.01	10	12	30	6	—	400
31.	Breed Creek	Tyler	Rosebud	1976	4,900	32	1.15	20	15	37	22	—	520
32.	Brorson	Madison	Richland	1954	9,600	32	1.40	40	5	40	9	—	1,600
33.	Brorson	Red River	Richland	1968	12,600	48	1.70	20	10	35	37	—	960
34.	Brorson South	Red River	Richland	1968	12,600	48	1.70	20	12	30	8	—	960
35.	Brush Lake	Red River	Sheridan	1969	11,400	40	1.50	30	14	35	12	—	2,240
36.	Burget East	Madison	Roosevelt	1981	9,000	—	—	36	—	—	—	—	640
37.	Burget East	Red River	Roosevelt	1980	12,800	45	—	55	—	—	—	—	320
38.	Burns Creek South	Red River	Richland	1981	11,500	32	1.60	16	17	50	2	—	640
39.	Cabin Creek Unit 1	Siluro-Ord	Fallon	1953	9,000	33	1.20	50	13	30	20	11	11,840
40.	Cabin Creek Unit 2	Madison	Fallon	1956	7,300	33	1.13	25	11	30	53	—	2,260
41.	Canal	Madison	Richland	1977	9,200	33	1.30	47	2	41	33	—	640
42.	Canal	Red River	Richland	1970	12,700	47	2.07	58	8	40	20	—	320
43.	Carlyle	Red River	Wibaux	1978	10,700	37	1.30	12	12	27	7	—	640
44.	Cat Creek East	Swift	Garfield	1920	1,200	52	1.10	6	22	40	64	8	880
45.	Cat Creek Mosby	Swift	Garfield, Petroleum	1945	1,700	52	1.10	25	18	40	20	1	880
46.	Cat Creek West Units	1 & 2 Cat	Petroleum	1920	1,100	52	1.10	51	21	19	8	5	1,400
47.	Charlie Creek	Nisku	Richland	1976	9,900	42	1.60	12	6	35	83	—	320
48.	Charlie Creek East	Red River	Richland	1980	11,900	45	—	27	—	—	—	—	640
49.	Clear Lake	Madison	Sheridan	1978	7,600	33	1.15	10	5	30	28	—	640
50.	Clear Lake	Nisku	Sheridan	1979	9,000	43	1.53	31	11	27	2	—	320
51.	Clear Lake	Red River	Sheridan	1977	11,200	42	1.65	32	18	35	5	—	1,920
52.	Colored Canyon	Red River	Sheridan	1978	11,300	40	1.40	18	13	28	4	—	1,920
53.	Comertown	Nisku	Sheridan	1983	10,672	36	—	—	—	—	—	—	640
54.	Comertown	Ratcliffe	Sheridan	1981	6,807	32	—	—	—	—	—	—	160
55.	Comertown	Red River	Sheridan	1980	10,500	30	1.30	19	10	38	24	—	800
56.	Cow Creek	Charles	McCone	1969	6,900	41	—	—	—	35	—	—	160
57.	Cow Creek	Kibby	McCone	1971	6,300	35	1.05	15	15	—	10	—	1,600
58.	Crane	Devonian	Richland	1979	11,900	47	1.65	20	12	35	17	—	1,280
59.	Crane	Red River	Richland	1979	12,700	—	—	—	—	8	—	—	640
60.	Cupton	Red River	Fallon	1955	9,600	38	1.25	40	12	16	4	—	2,240
61.	Cut Bank	Cut Bank	Toole, Glacier, Pondera	1932	2,900	31	1.09	18	15	35	38	6	27,360
62.	Dagmar	Red River	Sheridan	1976	11,300	37	1.65	22	16	35	5	—	1,280
63.	Dagmar North	Madison	Sheridan	1983	7,952	—	—	24	—	—	—	—	160
64.	Deadmans Coulee	Nisku	Roosevelt	1981	7,500	45	1.10	10	11	40	10	—	640
65.	Dean Dome	Greybull	Stillwater	1966	2,500	10	—	2	—	—	—	—	240
66.	Diamond Point	Red River	Roosevelt	1976	11,900	47	—	26	—	—	—	—	640
67.	Divide	Madison	Sheridan	1979	7,900	33	1.35	25	7	42	11	—	2,240
68.	Dry Creek	Virgille	Carbon	1929	2,600	65	1.01	60	15	65	47	—	360
69.	Dwyer	Interlake	Sheridan	1984	11,131	41	—	23	—	—	—	—	320
70.	Dwyer	Ratcliffe	Sheridan	1960	8,000	37	1.32	38	11	56	74	21	4,960

# A SUMMARY OF PRODUCING OIL FIELDS —1985

POROSITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES	OOIP		ULTIMATE RECOVERY					1985 PRODUCTION		CUMMULATIVE PRODUCTION 1-1-86 (M BBLs)	RESERVES (M BBLs)	LINE NO.
		PRIMARY	SECONDARY		(M BBLs)	BBLs/ACRE	PRIMARY (M BBLs)	SECONDARY (M BBLs)	TOTAL (M BBLs)	BBLs/ ACRE	BBLs/ ACRE FT.	BBLs	BOPD			
17	34	52	—	160	1,300	8,125	680	—	680	4,250	304	126,648	346	331	349	1.
14	32	9	—	2,560	30,159	11,780	2,710	—	2,710	1,059	41	275,561	754	1,792	918	2.
—	—	—	—	960	—	—	—	—	—	—	—	67,353	184	120	71	3.
—	—	—	—	160	—	—	—	—	—	—	—	9,555	26	42	74	4.
9	32	2	—	2,240	27,446	12,252	590	—	590	263	7	42,277	115	577	13	5.
7	20	6	—	960	9,123	9,503	580	—	580	604	17	85,042	232	307	273	6.
—	—	—	—	160	—	—	—	—	—	—	—	3,029	8	6	2	7.
6	45	9	—	960	1,966	2,047	170	—	170	177	15	13,186	36	166	4	8.
10	35	9	—	640	10,758	16,809	920	—	920	1,438	36	131,922	361	247	673	9.
9	35	21	—	280	2,353	8,403	500	—	500	1,786	89	6,512	17	492	8	10.
26	23	60	28	8,240	115,297	13,992	69,430	67,650	137,080	16,636	1,664	1,689,670	4,629	126,329	10,751	11.
—	—	—	—	160	—	—	—	—	—	—	—	18,095	49	48	46	12.
15	30	44	—	480	6,279	13,081	2,770	—	2,770	5,771	262	36,943	101	2,628	142	13.
16	30	42	—	160	2,284	14,275	960	—	960	6,000	261	10,178	27	950	10	14.
—	—	—	—	40	—	—	—	—	—	—	—	2,417	6	23	3	15.
—	—	—	—	480	—	—	—	—	—	—	—	5,863	16	40	5	16.
14	36	20	—	1,280	5,690	4,445	1,150	—	1,150	898	82	26,072	71	1,111	39	17.
16	35	24	—	280	3,802	13,578	900	—	900	3,214	189	11,798	32	898	2	18.
17	40	31	1	1,220	20,822	17,067	6,550	230	6,780	5,557	253	54,389	149	6,480	300	19.
40	10	3	—	640	5,458	8,528	160	—	160	250	63	13,298	36	105	55	20.
15	35	11	22	400	4,089	10,222	450	1,100	1,550	3,875	258	48,736	133	1,345	205	21.
—	—	—	—	160	—	—	—	—	—	—	—	28,741	78	64	42	22.
—	—	—	—	320	—	—	—	—	—	—	—	39,607	108	120	70	23.
10	60	4	—	640	4,708	7,356	170	—	170	266	8	5,079	13	160	10	24.
—	—	—	—	320	—	—	—	—	—	—	—	12,276	33	31	28	25.
15	30	19	2	440	7,301	16,593	1,390	120	1,510	3,432	156	18,045	49	1,396	114	26.
12	31	14	—	3,760	75,774	20,152	10,950	—	10,950	2,912	91	138,434	379	9,266	1,684	27.
—	—	—	—	960	—	—	—	—	—	—	—	26,065	71	170	41	28.
11	49	50	—	240	501	2,087	250	—	250	1,042	174	2,896	7	244	6	29.
12	30	6	—	400	2,581	6,452	150	—	150	375	38	7,893	21	145	5	30.
15	37	22	—	520	6,630	12,750	1,460	—	1,460	2,808	140	106,627	292	892	568	31.
5	40	9	—	1,600	10,640	6,650	950	—	950	594	15	68,316	187	741	209	32.
10	35	37	—	960	5,695	5,932	2,100	—	2,100	2,188	109	35,374	96	2,097	3	33.
12	30	8	—	960	7,360	7,666	620	—	620	646	32	41,530	113	246	374	34.
14	35	12	—	2,240	31,628	14,119	3,900	—	3,900	1,741	58	79,873	218	2,309	1,591	35.
—	—	—	—	640	—	—	—	—	—	—	—	20,418	55	83	4	36.
—	—	—	—	320	—	—	—	—	—	—	—	4,052	11	25	4	37.
17	50	2	—	640	4,220	6,593	100	—	100	156	10	14,609	40	79	21	38.
13	30	20	11	11,840	348,282	29,415	70,870	25,600	96,470	8,148	163	1,699,760	4,656	70,863	25,600	39.
11	30	53	—	2,260	29,868	13,215	15,700	—	15,700	6,947	278	88,193	241	14,627	1,073	40.
2	41	33	—	640	2,118	3,309	690	—	690	1,078	23	50,187	137	309	381	41.
8	40	20	—	320	3,339	10,434	680	—	680	2,125	37	14,373	39	586	94	42.
12	27	7	—	640	4,015	6,273	290	—	290	453	38	19,081	52	248	42	43.
22	40	64	8	880	4,915	5,585	3,170	200	3,370	3,830	638	9,017	24	3,333	37	44.
18	40	20	1	880	16,757	19,042	3,310	100	3,410	3,875	155	10,065	27	3,329	81	45.
21	19	8	5	1,400	85,656	61,182	6,530	3,760	10,290	7,350	144	44,190	121	10,031	259	46.
6	35	83	—	320	726	2,268	600	—	600	1,875	156	16,983	46	574	26	47.
—	—	—	—	640	—	—	—	—	—	—	—	35,202	96	248	101	48.
5	30	28	—	640	1,511	2,360	430	—	430	672	67	31,718	86	220	210	49.
11	27	2	—	320	4,039	12,621	80	—	80	250	8	5,577	15	68	12	50.
18	35	5	—	1,920	33,799	17,603	1,660	—	1,660	865	27	158,618	434	1,389	271	51.
13	28	4	—	1,920	17,926	9,336	650	—	650	339	19	75,125	205	617	33	52.
—	—	—	—	640	—	—	—	—	—	—	—	90,339	247	303	284	53.
—	—	—	—	160	—	—	—	—	—	—	—	17,896	49	52	40	54.
10	38	24	—	800	5,624	7,030	1,350	—	1,350	1,688	89	127,267	348	1,015	335	55.
—	35	—	—	160	—	—	—	—	—	—	—	2,802	7	127	9	56.
15	—	10	—	1,600	26,599	16,624	2,690	—	2,690	1,681	112	51,949	142	2,231	459	57.
12	35	17	—	1,280	9,389	7,335	1,640	—	1,640	1,281	64	112,283	307	929	711	58.
—	8	—	—	640	—	—	—	—	—	—	—	3,095	8	91	16	59.
12	16	4	—	2,240	56,054	25,024	2,420	—	2,420	1,080	27	80,604	220	1,931	489	60.
15	35	38	6	27,360	341,756	12,491	128,590	34,440	163,030	5,959	331	1,073,090	2,939	158,322	4,708	61.
16	35	5	—	1,280	13,770	10,757	640	—	640	500	23	49,439	135	463	177	62.
—	—	—	—	160	—	—	—	—	—	—	—	4,353	11	10	72	63.
11	40	10	—	640	2,979	4,654	300	—	300	469	47	29,962	82	252	48	64.
—	—	—	—	240	—	—	—	48	—	—	—	13,654	37	91	23	65.
—	—	—	—	640	—	—	—	—	—	—	—	67,191	184	557	178	66.
7	42	11	—	2,240	13,066	5,833	1,460	—	1,460	652	26	149,265	408	1,169	291	67.
15	65	47	—	360	8,710	24,194	4,100	—	4,100	11,389	190	1,418	3	4,097	3	68.
—	—	—	—	320	—	—	—	—	—	—	—	4,304	11	33	3	69.
11	56	74	21	4,960	53,615	10,809	39,610	23,800	63,410	12,784	336	19,238	52	62,867	543	70.

# STATE OF MONTANA SUMMARY OF PRODUCTION

LINE NO.	FIELD	PRODUCING FORMATION	COUNTY	YEAR OF DISCOVERY	DEPTH	GRAVITY °API	F.V.F.	NET PAY FT.	POROSITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES
											PRIMARY	SECONDARY	
71.	Dwyer	Red River	Sheridan	1982	11,552	35	—	—	—	—	—	—	1,600
72.	Eagle	Madison	Richland	1977	8,900	32	1.22	15	9	35	6	—	3,520
73.	Eagle	Red River	Richland	1982	12,448	38	—	—	—	—	—	—	320
74.	Elk Basin	Madison	Carbon	1942	5,300	28	1.12	224	12	9	34	—	1,080
75.	Elk Basin	Tensleep	Carbon	1942	5,000	29	1.16	124	11	10	24	—	1,400
76.	Enid North	Red River	Richland	1979	11,800	47	1.75	8	7	34	12	—	960
77.	Fairview	Madison	Richland	1981	9,500	—	—	—	—	—	—	—	960
78.	Fairview	Red River	Richland	1965	12,700	47	1.70	35	11	28	19	—	4,160
79.	Fairview East	Red River	Richland	1981	12,800	48	1.50	24	13	32	6	—	640
80.	Fairview West	Ratcliffe	Richland	1980	9,200	37	—	60	3	—	—	—	320
81.	Fertile Prairie	Red River	Fallon	1952	9,300	29	1.20	6	14	27	25	—	800
82.	Fishhook	Red River	Sheridan	1980	11,200	41	1.28	10	10	31	19	—	1,280
83.	Flat Coulee	Swift	Liberty	1933	2,900	37	1.10	18	21	35	26	4	1,320
84.	Flat Lake	Nisku	Sheridan	1982	8,042	—	—	—	—	—	—	—	320
85.	Flat Lake	Ratcliffe	Sheridan	1964	6,500	33	1.26	14	15	45	5	21	9,600
86.	Flat Lake South	Ratcliffe	Sheridan	1966	6,500	32	1.26	9	12	45	30	—	1,120
87.	Flaxville	Madison	Daniels	1982	—	—	—	—	—	—	—	—	480
88.	Fort Gilbert	Madison	Richland	1981	9,200	34	—	358	—	—	—	—	2,240
89.	Fort Gilbert	Red River	Richland	1970	12,500	48	1.89	42	12	20	7	—	1,280
90.	Four Mile Creek	Red River	Richland	1975	12,500	47	1.50	35	15	35	7	—	320
91.	Four Mile Creek, W.	Red River	Richland	1976	12,500	45	1.30	15	13	40	5	—	640
92.	Fox Creek	Mission Canyon	Richland	1978	8,900	29	1.20	71	3	30	4	—	160
93.	Frannie	Tensleep	Carbon	1929	2,700	27	1.02	29	19	16	30	—	80
94.	Fred And George	Sunburst	Toole	1963	2,600	39	1.20	31	27	30	15	14	1,480
95.	Frog Coulee	Red River	Richland	1979	11,000	49	1.42	15	18	35	5	—	320
96.	Froid South	Red River	Roosevelt	1970	12,100	48	1.55	12	17	25	8	—	320
97.	Gas City	Red River	Dawson	1955	8,900	38	1.28	25	12	35	25	5	2,800
98.	Glendive	Stoney Mountain	Dawson	1952	8,900	38	1.24	147	8	35	13	—	2,240
99.	Goose Lake	Ratcliffe, Red River	Sheridan	1962	7,000	34	1.20	40	16	55	5	3	6,880
100.	Goose Lake West	Red River	Sheridan	1981	11,500	39	—	29	—	—	—	—	960
101.	Gossett	Mission Canyon	Richland	1979	9,550	31	—	—	—	—	—	—	320
102.	Gossett	Siluro-Ord	Richland	1983	12,331	—	—	11	—	—	—	—	640
103.	Grabben Coulee	Madison	Glacier	1961	2,900	34	1.10	15	12	30	6	—	3,480
104.	Granview East	Swift	Liberty	1978	2,500	—	—	—	—	—	—	—	160
105.	Green Coulee	Red River	Sheridan	1981	11,100	—	—	14	—	—	—	—	640
106.	Gumbo Ridge	Tyler	Rosebud	1975	4,900	32	1.10	16	13	35	21	7	240
107.	Gunsight	Madison	Rosevelt	1980	9,550	37	—	—	—	—	—	—	640
108.	Gypsy Basin	Sawtooth	Teton, Pondera	1979	3,250	36	—	10	—	—	—	—	640
109.	Hay Creek	Mission Canyon	Richland	1969	9,600	39	1.15	40	5	—	6	—	320
110.	Hay Creek	Red River	Richland	1969	12,600	46	1.90	53	12	30	6	—	960
111.	Hiawatha	Tyler	Musselshell	1967	5,000	33	1.15	34	12	25	18	—	400
112.	Highfive	Tyler	Rosebud	1976	5,600	33	1.15	20	20	—	9	—	960
113.	Honker	Red River	Sheridan	1980	11,110	39	1.40	30	14	58	3	—	320
114.	Howard Coulee	Tyler	Musselshell	1974	3,498	31	—	—	—	—	—	—	160
115.	Intake II	Red River	Richland	1981	12,400	43	1.20	20	13	30	8	—	960
116.	Jim Coulee	Tyler	Musselshell	1971	3,700	33	1.10	37	15	33	2	13	1,920
117.	Jim Coulee North	Tyler	Musselshell	1972	3,748	32	1.10	37	15	33	10	—	120
118.	Katy Lake North	Mission Canyon	Sheridan	1981	8,056	29	1.60	30	18	54	17	—	480
119.	Katy Lake North	Nesson	Sheridan	1981	7,798	34	—	12	—	—	—	—	160
120.	Katy Lake North	Red River	Sheridan	1979	11,300	46	1.42	19	15	30	21	—	1,920
121.	Keg Coulee	Tyler	Musselshell	1960	4,600	33	1.15	19	14	32	27	3	1,520
122.	Keg Coulee North	Tyler	Musselshell	1964	4,600	33	1.15	14	12	32	23	—	240
123.	Kelley	Tyler	Musselshell	1966	4,400	33	1.15	50	13	30	13	—	240
124.	Kevin Sunburst	Sunburst	Toole	1922	1,500	32	1.08	7	20	35	27	3	41,800
125.	Kincheloe Ranch, W.	Tyler	Rosebud	1979	5,500	35	—	—	—	—	—	—	200
126.	Laird Creek West	Swift	Liberty	1968	2,800	39	1.13	14	16	50	12	2	480
127.	Landslide Butte	Sun River	Glacier	1967	4,700	41	—	24	—	—	—	—	480
128.	Leary	Muddy	Powder River	1969	5,800	41	1.15	7	17	33	44	—	400
129.	Little Beaver	Red River	Fallon	1952	8,300	29	1.40	37	12	35	7	23	5,280
130.	Little Beaver East	Red River	Fallon	1954	8,300	30	1.50	24	13	35	37	—	1,600
131.	Little Phantom	Sunburst	Toole	1977	2,716	—	—	—	—	—	—	—	40
132.	Little Wall Creek	Tyler	Musselshell	1970	3,700	33	1.10	40	15	33	9	—	1,200
133.	Lodge Grass	Tensleep	Big Horn	1964	6,520	22	1.16	15	15	34	5	—	640
134.	Lone Tree Creek	Red River	Richland	1970	12,500	47	1.86	19	11	30	19	—	3,200
135.	Long Creek	Charles	Roosevelt	1976	6,500	38	—	30	—	20	—	—	160
136.	Long Creek West	Nisku	Roosevelt	1977	7,700	39	—	24	18	20	—	—	320
137.	Lookout Butte	Lodgepole	Fallon	1961	8,900	33	1.15	15	15	25	38	19	5,440
138.	Lowell	Red River	Sheridan	1979	11,300	35	—	7	8	45	—	—	960
139.	Lustre	Charles	Valley	1982	7,200	33	1.19	27	16	45	7	—	7,680
140.	Mackay Dome	Greybull	Stillwater	1960	3,700	12	1.00	56	10	20	3	—	160

# NA SUMMARY OF PRODUCING OIL FIELDS —1985

WELL NO.	PORO- SITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES	OOIP		ULTIMATE RECOVERY					1985 PRODUCTION		CUMMULATIVE PRODUCTION 1-1-86 (M BBL)	RESERVES (M BBL)	LINE NO.
			PRIMARY	SECONDARY		(M BBL)	BBL/ACRE	PRIMARY (M BBL)	SECONDARY (M BBL)	TOTAL (M BBL)	BBL/ ACRE	BBL/ ACRE FT.	BBL	BOPD			
15	9	35	6	—	1,600	—	—	—	—	—	—	—	198,989	545	592	675	71.
—	—	—	—	—	3,520	19,642	5,580	1,110	—	1,110	315	21	148,124	405	946	164	72.
—	—	—	—	—	320	—	—	—	—	—	—	—	7,780	21	241	0	73.
24	12	9	34	—	1,080	182,989	169,434	62,590	—	62,590	57,954	259	354,603	971	56,729	5,861	74.
24	11	10	24	—	1,400	114,941	82,100	27,170	—	27,170	19,407	157	326,543	894	21,506	5,664	75.
8	7	34	12	—	960	1,573	1,638	190	—	190	198	25	20,453	56	173	17	76.
—	—	—	—	—	960	—	—	—	—	—	—	—	49,261	134	215	86	77.
35	11	28	19	—	4,160	52,624	12,650	9,820	—	9,820	2,361	67	133,052	364	7,236	2,584	78.
24	13	32	6	—	640	7,023	10,973	420	—	420	656	27	19,272	52	311	109	79.
60	3	—	—	—	320	—	—	—	—	—	—	—	25,070	68	118	87	80.
6	14	27	25	—	800	3,171	3,963	790	—	790	988	165	28,882	79	600	190	81.
10	10	31	19	—	1,280	5,353	4,182	1,000	—	1,000	781	78	116,978	320	679	321	82.
18	21	35	26	4	1,320	22,874	17,328	5,990	770	6,760	5,121	285	142,505	390	4,262	2,498	83.
—	—	—	—	—	320	—	—	—	—	—	—	—	4,331	11	15	8	84.
14	15	45	5	21	9,600	68,270	7,111	3,470	13,180	16,650	1,734	124	386,137	1,057	14,060	2,590	85.
9	12	45	30	—	1,120	4,096	3,657	1,230	—	1,230	1,098	122	39,583	108	1,087	143	86.
—	—	—	—	—	480	—	—	—	—	—	—	—	4,411	12	46	26	87.
58	—	—	—	—	2,240	—	—	—	—	—	—	—	84,671	231	507	39	88.
12	12	20	7	—	1,280	21,185	16,550	1,390	—	1,390	1,086	26	21,719	59	1,282	108	89.
35	15	35	7	—	320	5,648	17,649	400	—	400	1,250	36	14,177	38	324	76	90.
15	13	40	5	—	640	4,469	6,982	230	—	230	359	24	7,850	21	229	1	91.
71	3	30	4	—	160	1,542	9,637	60	—	60	375	5	7,419	20	30	30	92.
29	19	16	30	—	80	2,816	35,199	840	—	840	10,500	362	5,993	16	752	88	93.
31	27	30	15	14	1,480	56,060	37,878	8,440	4,800	13,240	8,946	289	118,814	325	12,671	569	94.
15	18	35	5	—	320	3,068	9,587	140	—	140	438	29	9,284	25	132	8	95.
2	17	25	8	—	320	2,451	7,659	200	—	200	625	52	5,410	14	197	3	96.
12	12	35	25	5	2,800	33,093	11,818	8,430	1,760	10,190	3,639	146	114,563	313	9,651	539	97.
7	8	35	13	—	2,240	107,126	47,824	13,730	—	13,730	6,129	42	154,162	422	12,071	1,659	98.
10	16	55	5	3	6,880	128,100	18,619	6,040	3,580	9,620	1,398	35	191,441	524	8,279	1,341	99.
29	—	—	—	—	960	—	—	—	—	—	—	—	61,524	168	323	135	100.
—	—	—	—	—	320	—	—	—	—	—	—	—	7,829	21	40	24	101.
1	—	—	—	—	640	—	—	—	—	—	—	—	39,799	109	67	96	102.
5	12	30	6	—	3,480	30,925	8,886	1,930	—	1,930	555	37	74,830	205	1,776	154	103.
—	—	—	—	—	160	—	—	—	—	—	—	—	3,868	10	33	15	104.
4	—	—	—	—	640	—	—	—	—	—	—	—	20,287	55	104	31	105.
6	13	35	21	7	240	2,288	9,533	490	190	680	2,833	177	27,554	75	560	120	106.
—	—	—	—	—	640	—	—	—	—	—	—	—	34,037	93	118	92	107.
0	—	—	—	—	640	—	—	—	—	—	—	—	17,281	47	409	55	108.
10	5	—	6	—	320	4,317	13,490	240	—	240	750	19	9,709	26	218	22	109.
3	12	30	6	—	960	17,451	18,178	980	—	980	1,021	19	19,751	54	962	18	110.
4	12	25	18	—	400	8,257	20,642	1,520	—	1,520	3,800	112	19,092	52	1,473	47	111.
10	20	—	9	—	960	25,905	26,984	2,430	—	2,430	2,531	127	146,400	401	1,864	566	112.
10	14	58	3	—	320	3,128	9,775	100	—	100	313	10	11,278	30	80	20	113.
—	—	—	—	—	160	—	—	—	—	—	—	—	3,206	8	122	21	114.
10	13	30	8	—	960	11,296	11,766	890	—	890	927	46	81,030	222	503	387	115.
7	15	33	2	13	1,920	50,353	26,225	1,160	2,880	4,040	2,104	57	75,805	207	3,691	349	116.
7	15	33	10	—	120	3,147	26,225	330	—	330	2,750	74	5,838	15	283	47	117.
10	18	54	17	—	480	5,781	12,043	990	—	990	2,063	69	84,428	231	509	481	118.
2	—	—	—	—	160	—	—	—	—	—	—	—	9,853	26	19	37	119.
9	15	30	21	—	1,920	20,927	10,899	4,330	—	4,330	2,255	119	241,085	660	2,017	2,313	120.
9	14	32	27	3	1,520	18,548	12,202	4,960	550	5,510	3,625	191	115,299	315	5,291	219	121.
4	12	32	23	—	240	1,850	7,708	430	—	430	1,792	128	8,003	21	428	2	122.
10	13	30	13	—	240	7,367	30,695	980	—	980	4,083	82	16,339	44	956	24	123.
7	20	35	27	3	41,800	273,240	6,536	73,410	7,970	81,380	1,947	278	661,729	1,812	76,576	4,804	124.
—	—	—	—	—	200	—	—	—	—	—	—	—	62,136	170	433	498	125.
4	16	50	12	2	480	3,691	7,689	430	130	560	1,167	83	6,762	18	559	1	126.
4	—	—	—	—	480	—	—	—	—	—	—	—	44,193	121	132	58	127.
7	17	33	44	—	400	2,151	5,377	950	—	950	2,375	339	32,927	90	571	379	128.
7	12	35	7	23	5,280	84,441	15,992	6,330	8,850	15,180	2,875	78	399,024	1,093	11,098	4,082	129.
4	13	35	37	—	1,600	16,782	10,488	6,230	—	6,230	3,894	162	125,991	345	5,154	1,076	130.
—	—	—	—	—	40	—	—	—	—	—	—	—	2,685	7	45	8	131.
10	15	33	9	—	1,200	34,022	28,351	3,180	—	3,180	2,650	66	157,894	432	3,024	156	132.
5	15	34	5	—	640	6,356	9,931	310	—	310	484	32	5,569	15	281	29	133.
9	11	30	19	—	3,200	19,527	6,102	3,640	—	3,640	1,138	60	110,821	303	3,075	565	134.
10	—	20	—	—	160	—	—	—	—	—	—	—	2,211	6	54	23	135.
4	18	20	—	—	320	—	—	—	—	—	—	—	23,769	65	457	443	136.
5	15	25	38	19	5,440	61,929	11,384	23,620	1,300	24,920	4,581	305	521,068	1,427	21,985	2,935	137.
7	8	45	—	—	960	—	—	—	—	—	—	—	17,672	48	176	22	138.
7	16	45	7	—	7,680	118,963	15,489	7,810	—	7,810	1,017	38	792,743	2,171	2,130	5,680	139.
6	10	20	3	—	160	5,561	34,756	150	—	150	938	17	9,909	27	76	74	140.

# STATE OF MONTANA SUMMARY OF PRO

LINE NO.	FIELD	PRODUCING FORMATION	COUNTY	YEAR OF DISCOVERY	DEPTH	GRAVITY *API	F.V.F.	NET PAY FT.	POROSITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES
											PRIMARY	SECONDARY	
141.	Mason Lake	Dakota	Musselshell	1964	4,200	47	1.10	12	15	43	15	—	1,040
142.	McCabe	Ratcliffe	Roosevelt	1973	8,700	37	1.50	20	13	40	6	—	480
143.	Medicine Lake	Gunton	Sheridan	1984	11,319	—	—	38	—	—	—	—	320
144.	Medicine Lake	Red River	Sheridan	1979	11,700	44	1.78	31	17	31	7	—	3,200
145.	Melstone	Tyler	Musselshell	1948	4,400	34	1.09	25	15	30	27	—	800
146.	Mineral Bench	Charles	Roosevelt	1965	9,269	33	—	—	—	—	—	—	160
147.	Missouri Breaks	Red River	Roosevelt	1982	12,000	45	1.74	15	15	30	14	—	320
148.	Mondak West	Madison	Richland	1976	9,200	30	1.30	100	4	60	5	—	10,880
149.	Mondak West	Red River	Richland	1976	12,200	48	1.64	45	10	43	14	—	2,240
150.	Monarch	Siluro-Ord	Fallon	1958	8,400	32	1.10	31	7	35	17	4	2,720
151.	Mosser Dome	Kootenai	Yellowstone	1936	1,000	22	1.01	15	24	30	3	—	800
152.	Mustang	Red River	Richland	1979	12,500	47	1.41	17	12	—	4	—	960
153.	Neisser Creek	Red River	Sheridan	1982	10,900	46	2.00	15	17	21	6	—	320
154.	Nohly	Red River	Richland	1972	12,900	46	1.43	27	10	40	22	—	960
155.	Nohly	Ratcliffe	Richland	1984	9,444	30	—	18	—	—	—	—	160
156.	Nohly South	Red River	Richland	1983	12,981	45	—	18	—	—	—	—	320
157.	North Fork	Madison	Richland	1977	9,500	38	—	—	—	—	—	—	800
158.	Ollie	Red River	Fallon	1980	10,200	36	—	56	—	—	—	—	160
159.	Otis Creek & South	Red River	Richland	1970	12,700	48	1.76	23	12	35	9	—	1,600
160.	Outlook	Red River	Sheridan	1956	9,000	38	1.12	20	8	30	82	—	960
161.	Outlook	Winnipegosis	Sheridan	1971	9,000	39	1.12	18	8	30	24	—	480
162.	Outlook South	Winnipegosis	Sheridan	1957	9,100	39	1.12	18	8	30	21	—	480
163.	Outlook West	Winnipegosis	Sheridan	1958	9,100	39	1.12	16	8	30	25	—	480
164.	Oxbow	Red River	Roosevelt	1978	12,600	47	1.50	18	12	45	21	—	320
165.	Palomino	Nisku	Roosevelt	1980	7,500	48	1.15	39	16	20	9	—	800
166.	Pelican	Red River	Sheridan	1979	11,400	47	1.30	19	6	26	17	—	320
167.	Pennel	Mission Canyon	Fallon	1955	7,000	31	1.10	38	3	30	58	9	27,200
168.	Pete Creek	Sunburst	Toole	1977	2,700	—	—	—	—	—	—	—	40
169.	Pine	Red River, Madison	Prairie	1952	8,400	34	1.17	32	12	30	21	23	16,480
170.	Pondera	Sun River	Pondera	1927	2,100	34	1.20	15	16	31	17	—	13,720
171.	Poplar East	Charles	Roosevelt	1952	5,500	40	1.10	25	11	30	19	—	18,070
172.	Poplar East	Heath	Roosevelt	1969	4,900	38	1.10	8	11	50	26	—	480
173.	Poplar Northwest	Madison	Roosevelt	1952	6,300	40	1.10	16	10	45	13	—	5,280
174.	Prairie Elk	Charles	McCone	1965	6,100	32	1.00	5	12	35	18	—	320
175.	Prichard Creek	Sunburst	Toole	1970	2,700	—	—	—	—	—	—	—	200
176.	Putnam	Interlake	Richland	1969	11,900	41	1.75	16	9	30	20	—	320
177.	Putnam	Madison	Richland	1978	9,500	34	1.42	92	6	35	2	—	800
178.	Putnam	Red River	Richland	1969	11,900	41	1.75	16	9	30	17	—	4,160
179.	Rabbit Hills	Sawtooth	Blaine	1972	4,000	21	1.15	12	18	16	11	—	800
180.	Ragged Point	Tyler	Musselshell	1956	3,600	32	1.11	13	14	32	28	10	1,440
181.	Rainbow	Red River	Richland	1982	12,500	46	2.20	28	14	45	5	—	320
182.	Rattler Butte	Tyler	Rosebud	1975	5,300	35	1.10	25	12	60	42	—	240
183.	Raymond	Duperow	Sheridan	1979	8,360	46	—	—	—	—	—	—	160
184.	Raymond	Nisku	Sheridan	1972	7,900	50	1.40	22	9	—	11	—	640
185.	Raymond	Red River	Sheridan	1972	10,000	39	1.42	33	12	10	5	—	960
186.	Raymond	Winnipegosis	Sheridan	1972	9,300	42	1.17	40	5	27	25	—	960
187.	Reagan	Madison	Glacier	1947	3,700	38	1.10	11	12	30	39	14	2,600
188.	Red Bank	Madison	Roosevelt	1980	13,000	45	—	—	—	—	—	—	5,120
189.	Red Bank	Red River	Roosevelt	1980	13,000	—	—	—	—	—	—	—	960
190.	Red Bank South	Red River	Roosevelt	1981	13,000	47	—	20	17	29	—	—	640
191.	Red Creek	Cut Bank	Glacier	1958	2,600	31	1.08	20	19	30	11	2	1,410
192.	Redwater East	Red River	Richland	1983	12,025	45	—	19	—	—	—	—	320
193.	Refuge	Red River	Sheridan	1979	11,300	44	1.69	3	5	—	91	—	320
194.	Repeat	Red River	Carter	1956	8,600	23	1.02	25	10	30	25	—	160
195.	Reserve	Red River	Sheridan	1966	11,100	39	1.30	18	6	30	22	—	1,600
196.	Ridgelawn	Madison	Richland	1977	8,900	35	1.18	54	3	50	12	—	4,800
197.	Ridgelawn	Red River	Richland	1980	12,500	50	—	15	—	—	—	—	1,600
198.	RipRap Coulee	Ratcliffe	Roosevelt	1975	8,800	34	1.30	14	14	45	12	—	800
199.	Riverbend	Red River	Richland	1981	12,000	44	1.42	12	12	30	12	—	320
200.	Rocky Point	Red River	Roosevelt	1978	11,800	49	1.80	19	14	47	22	—	640
201.	Rosebud	Tyler	Rosebud	1974	5,000	34	1.24	32	14	48	16	—	200
202.	Royals	Dawson Bay	Dawson	1980	11,700	43	1.93	46	5	32	18	—	320
203.	Rush Mountain	Red River	Sheridan	1968	12,000	39	1.62	14	10	33	19	—	640
204.	Sand Creek	Red River	Dawson	1959	9,000	39	1.30	25	10	—	2	—	1,040
205.	Second Creek	Red River	Richland	1972	12,700	46	1.50	30	7	40	11	—	1,600
206.	Sidney	Madison	Richland	1976	9,000	34	1.30	60	4	50	6	—	7,040
207.	Sidney	Red River	Richland	1981	12,500	41	1.70	30	11	45	8	—	640
208.	Sidney East	Madison	Richland	1980	9,300	37	1.40	274	5	75	2	—	1,440
209.	Singletree	Red River	Roosevelt	1978	12,000	46	2.00	28	10	40	15	—	320
210.	Sioux Pass	Madison	Richland	1982	9,182	37	—	—	—	—	—	—	320

# NTANA SUMMARY OF PRODUCING OIL FIELDS —1985

POROSITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES	OOIP		ULTIMATE RECOVERY					1985 PRODUCTION		CUMMULATIVE PRODUCTION 1-1-86 (M BBLs)	RESERVES (M BBLs)	LINE NO.
		PRIMARY	SECONDARY		(M BBLs)	BBLs/ACRE	PRIMARY (M BBLs)	SECONDARY (M BBLs)	TOTAL (M BBLs)	BBLs/ ACRE	BBLs/ ACRE FT.	BBLs	BOPD			
15	43	15	—	1,040	7,526	7,236	1,110	—	1,110	1,067	89	47,334	129	900	210	141.
13	40	6	—	480	3,873	8,068	220	—	220	458	23	22,769	62	191	29	142.
—	—	—	—	320	—	—	—	—	—	—	—	22,804	62	69	273	143.
17	31	7	—	3,200	50,715	15,848	3,300	—	3,300	1,031	33	213,957	586	2,108	1,192	144.
15	30	27	—	800	14,947	18,683	4,110	—	4,110	5,138	206	129,017	353	3,148	962	145.
—	—	—	—	160	—	—	—	—	—	—	—	4,115	11	11	30	146.
15	30	14	—	320	2,247	7,021	320	—	320	1,000	67	27,648	75	225	95	147.
4	60	5	—	10,880	103,886	9,548	5,400	—	5,400	496	5	272,785	747	3,914	1,486	148.
10	43	14	—	2,240	27,179	12,133	3,740	—	3,740	1,670	37	223,108	611	2,608	1,132	149.
7	35	17	4	2,720	27,058	9,947	4,570	960	5,530	2,033	66	143,370	392	5,019	511	150.
24	30	3	—	800	15,485	19,356	390	—	390	488	33	10,028	27	337	53	151.
12	—	4	—	960	10,775	11,223	430	—	430	448	26	36,503	100	377	53	152.
17	21	6	—	320	2,501	7,815	150	—	150	469	31	34,527	94	113	37	153.
10	40	22	—	960	8,437	8,788	1,870	—	1,870	1,948	72	95,082	260	1,306	564	154.
—	—	—	—	160	—	—	—	—	—	—	—	56,072	153	58	4	155.
—	—	—	—	320	—	—	—	—	—	—	—	13,520	37	41	43	156.
—	—	—	—	800	—	—	—	—	—	—	—	29,137	79	202	40	157.
—	—	—	—	160	—	—	—	—	—	—	—	10,812	29	90	35	158.
12	35	9	—	1,600	12,653	7,908	1,110	—	1,110	694	30	49,676	136	910	200	159.
8	30	82	—	960	7,448	7,758	6,100	—	6,100	6,354	318	23,786	65	5,769	331	160.
8	30	24	—	480	3,351	6,981	820	—	820	1,708	95	137,757	377	792	28	161.
8	30	21	—	480	3,351	6,981	700	—	700	1,458	81	5,105	13	686	14	162.
8	30	25	—	480	2,979	6,206	730	—	730	1,521	95	41,082	112	661	69	163.
12	45	21	—	320	1,966	6,143	410	—	410	1,281	71	32,773	89	271	139	164.
16	20	9	—	800	26,941	33,676	2,340	—	2,340	2,925	75	150,598	412	897	1,443	165.
6	26	17	—	320	1,611	5,034	280	—	280	875	46	16,231	44	140	140	166.
3	30	58	9	27,200	153,084	5,628	88,040	25,600	113,640	4,178	110	3,634,990	9,958	62,984	50,656	167.
—	—	—	—	40	—	—	—	—	—	—	—	1,331	3	16	7	168.
12	30	21	23	16,480	293,731	17,823	62,820	54,000	116,820	7,089	222	166,670	4,566	100,891	15,929	169.
16	31	17	—	13,720	146,887	10,706	25,550	—	25,550	1,862	124	357,305	978	23,716	1,834	170.
11	30	19	—	18,070	245,327	13,576	45,550	—	45,550	2,521	101	194,789	533	44,097	1,453	171.
11	50	26	—	480	1,490	3,104	390	—	390	813	102	6,200	16	270	120	172.
10	45	13	—	5,280	32,770	6,206	4,100	—	4,100	777	49	356,527	976	2,324	1,776	173.
12	35	18	—	320	968	3,024	170	—	170	531	106	4,645	12	78	92	174.
—	—	—	—	200	—	—	—	—	—	—	—	6,268	17	152	0	175.
9	30	20	—	320	1,430	4,468	280	—	280	875	55	4,764	13	264	16	176.
6	35	2	—	800	15,682	19,602	370	—	370	463	5	36,242	99	238	132	177.
9	30	17	—	4,160	18,589	4,468	3,250	—	3,250	781	49	110,908	303	2,638	612	178.
18	16	11	—	800	9,792	12,240	1,070	—	1,070	1,338	112	56,603	155	789	281	179.
14	32	28	10	1,440	12,456	8,650	3,430	1,210	4,640	3,222	248	141,037	386	3,586	1,054	180.
14	45	5	—	320	2,433	7,603	110	—	110	344	12	13,477	36	91	19	181.
12	60	42	—	240	2,031	8,462	860	—	860	3,583	143	52,279	143	769	91	182.
—	—	—	—	160	—	—	—	—	—	—	—	12,930	35	37	23	183.
9	—	11	—	640	7,022	10,971	740	—	740	1,156	53	30,432	83	645	95	184.
12	10	5	—	960	18,693	19,471	880	—	880	917	28	29,739	81	773	107	185.
5	27	25	—	960	9,294	9,681	2,300	—	2,300	2,396	60	84,609	231	1,099	1,201	186.
12	30	39	14	2,600	16,943	6,516	6,680	2,300	8,980	3,454	314	195,249	534	7,970	1,010	187.
—	—	—	—	5,120	—	—	—	—	—	—	—	147,312	403	922	574	188.
—	—	—	—	960	—	—	—	—	—	—	—	26,451	72	310	56	189.
17	29	—	—	640	—	—	—	—	—	—	—	41,483	113	248	42	190.
19	30	11	2	1,410	26,942	19,107	2,900	300	3,200	2,270	114	125,622	344	2,540	660	191.
—	—	—	—	320	—	—	—	—	—	—	—	22,388	61	67	11	192.
5	—	91	—	320	220	687	200	—	200	625	208	19,110	52	123	77	193.
10	30	25	—	160	2,130	13,312	530	—	530	3,313	133	8,340	22	515	15	194.
6	30	22	—	1,600	7,219	4,511	1,570	—	1,570	981	55	22,830	62	1,535	35	195.
3	50	12	—	4,800	25,562	5,325	3,090	—	3,090	644	12	359,253	984	1,629	1,461	196.
—	—	—	—	1,600	—	—	—	—	—	—	—	205,284	562	1,447	1,138	197.
14	45	12	—	800	5,147	6,433	640	—	640	800	57	50,690	138	371	269	198.
12	30	12	—	320	1,762	5,506	220	—	220	688	57	20,970	57	129	91	199.
14	47	22	—	640	3,889	6,076	840	—	840	1,313	69	55,645	152	362	478	200.
14	48	16	—	200	2,915	14,575	480	—	480	2,400	75	11,343	31	419	61	201.
5	32	18	—	320	2,012	6,287	360	—	360	1,125	24	29,339	80	194	166	202.
10	33	19	—	640	2,875	4,492	550	—	550	859	61	56,014	153	482	68	203.
10	—	2	—	1,040	15,516	14,919	280	—	280	269	11	10,029	27	82	198	204.
7	40	11	—	1,600	10,427	6,516	1,160	—	1,160	725	24	29,078	79	1,046	114	205.
4	50	6	—	7,040	50,415	7,161	2,820	—	2,820	401	7	132,401	362	2,395	425	206.
11	45	8	—	640	5,301	8,282	430	—	430	672	22	32,511	89	172	258	207.
5	75	2	—	1,440	27,330	18,979	460	—	460	319	1	47,025	128	425	35	208.
10	40	15	—	320	2,085	6,515	310	—	310	969	35	100,881	276	217	93	209.
—	—	—	—	320	—	—	—	—	—	—	—	9,600	26	42	7	210.

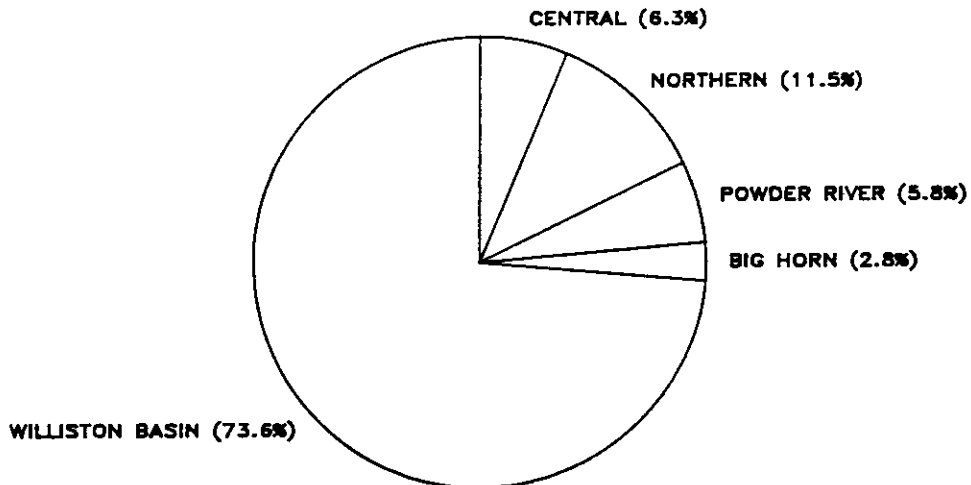


# STATE OF MONTANA SUMMARY OF PRODUCTION

LINE NO.	FIELD	PRODUCING FORMATION	COUNTY	YEAR OF DISCOVERY	DEPTH	GRAVITY °API	F.V.F.	NET PAY FT.	POROSITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES
											PRIMARY	SECONDARY	
211.	Sioux Pass	Siluro-Ord	Richland	1973	12,700	47	1.70	40	9	35	11	—	2,500
212.	Sioux Pass Middle	Red River	Richland	1976	12,600	45	1.40	17	16	25	5	—	2,200
213.	Sioux Pass North	Madison	Richland	1974	12,000	45	1.60	44	12	40	2	—	900
214.	Sioux Pass North	Red River	Richland	1974	12,000	45	1.60	44	12	40	5	—	4,800
215.	Sioux Pass South	Red River	Richland	1982	12,700	46	—	30	—	—	—	—	600
216.	Soap Creek	Tensleep	Big Horn	1952	1,900	20	1.05	20	15	35	12	—	1,500
217.	Soap Creek East	Tensleep	Big Horn	1977	3,400	17	1.02	15	15	35	10	—	1,000
218.	South Fork	Red River	Richland	1976	12,400	46	1.40	41	11	—	4	—	900
219.	Spring Lake	Bakken	Richland	1982	10,800	42	1.50	17	8	20	8	—	1,000
220.	Spring Lake South	Red River	Richland	1981	11,900	50	1.62	38	10	40	3	—	300
221.	Stampede	Red River	Richland	1980	11,800	45	1.31	40	8	40	3	—	600
222.	Sumatra	Tyler	Rosebud	1949	4,500	32	1.16	30	19	35	26	7	5,500
223.	Sunnyhill	Red River	Sheridan	1978	12,000	45	1.38	25	17	50	3	—	600
224.	Sunnyhill West	Red River	Sheridan	1983	12,330	44	—	10	—	—	—	—	300
225.	Target	Madison	Roosevelt	1981	10,500	32	—	50	11	55	—	—	1,700
226.	Three Buttes	Gunton, Red River	Richland	1978	12,400	43	—	12	—	—	—	—	900
227.	Tippy Butte	Tyler	Musselshell	1980	5,000	32	—	38	—	—	—	—	—
228.	Tule Creek	Nisku	Roosevelt	1960	7,500	46	1.41	25	15	30	45	—	1,200
229.	Tule Creek East	Nisku	Roosevelt	1964	7,500	43	1.91	30	18	30	41	—	300
230.	Two Waters	Red River	Richland	1980	11,500	43	1.40	16	8	30	6	—	300
231.	Utopia	Swift	Liberty	1977	2,300	33	1.15	17	16	40	6	—	1,000
232.	Vaux	Interlake	Richland	1981	12,100	45	—	—	—	25	—	—	600
233.	Vaux	Mission Canyon	Richland	1977	8,800	34	1.20	40	4	43	10	—	2,000
234.	Vaux	Red River	Richland	1976	12,400	48	1.60	24	14	45	9	—	2,200
235.	Volt	Charles	Roosevelt	1965	6,000	—	—	—	—	67	—	—	—
236.	Volt	Nisku	Roosevelt	1964	7,300	47	1.40	14	20	30	37	—	800
237.	Wagon Box	Tyler	Musselshell	1974	2,941	28	—	—	—	1	—	—	—
238.	Wakea	Red River	Sheridan	1983	11,133	—	—	—	—	—	—	—	900
239.	Weldon	Kibby	McCone	1964	5,900	39	1.01	14	16	35	41	—	1,500
240.	West Butte	Sunburst	Toole	1968	2,300	40	1.10	10	24	23	13	—	1,000
241.	Whitlash	Sunburst	Liberty	1927	2,600	38	1.13	15	16	20	12	—	3,100
242.	Whitlash West	Sunburst	Toole	1980	2,906	—	—	—	—	—	—	—	200
243.	Willow Creek North	Tyler	Musselshell	1970	4,000	32	1.20	12	13	54	43	—	1,000
244.	Willow Ridge	Burwash	Toole	1975	1,400	45	—	—	—	—	—	—	1,000
245.	Wills Creek South	Red River	Fallon	1964	8,700	33	1.20	12	18	35	28	—	400
246.	Winnett Junction	Tyler	Musselshell	1973	2,500	28	1.10	12	18	30	13	26	200
247.	Wolf Springs	Amsden	Yellowstone	1955	6,200	30	1.07	11	6	23	61	—	2,000
248.	Woodrow	Siluro-Ord	Dawson	1952	9,600	42	1.30	25	14	35	15	—	500
249.	Wrangler	Red River	Sheridan	1979	11,200	30	1.00	6	10	—	18	—	600
250.	Wrangler North	Red River	Sheridan	1979	10,000	41	1.40	18	16	45	4	—	300
251.	Wright Creek	Muddy	Powder River	1969	4,800	35	1.10	5	26	48	17	—	400
Miscellaneous Small Fields													

TOTAL

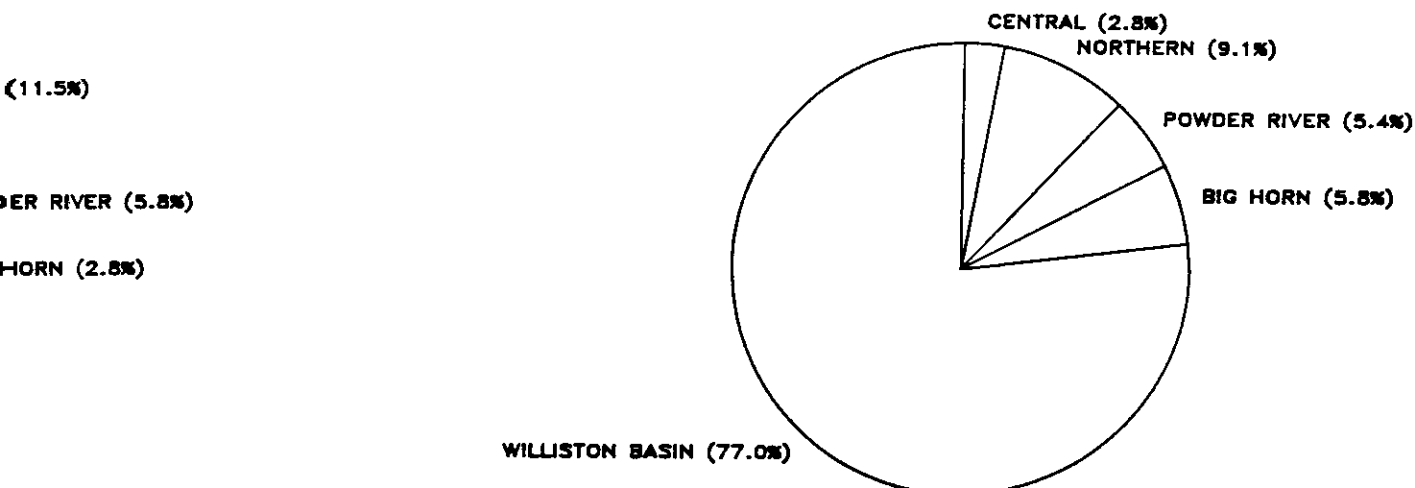
## 1985 OIL PRODUCTION BY REGION



# NA SUMMARY OF PRODUCING OIL FIELDS —1985

FIELD	POROSITY (%)	% WATER	RECOVERY FACTOR%		PRODUCTIVE AREA ACRES	OOP		ULTIMATE RECOVERY					1985 PRODUCTION		CUMMULATIVE PRODUCTION 1-1-86 (M BBLs)	RESERVES (M BBLs)	LINE NO.
			PRIMARY	SECONDARY		(M BBLs)	BBLs/ACRE	PRIMARY (M BBLs)	SECONDARY (M BBLs)	TOTAL (M BBLs)	BBLs/ACRE	BBLs/ACRE FT.	BBLs	BOPD			
0	9	35	11	—	2,560	27,337	10,678	3,060	—	3,060	1,195	30	116,321	318	2,768	292	211.
7	16	25	5	—	2,240	25,322	11,304	1,350	—	1,350	603	35	79,622	218	1,133	217	212.
4	12	40	2	—	960	14,746	15,360	320	—	320	333	8	28,758	78	259	61	213.
4	12	40	5	—	4,800	73,732	15,360	3,960	—	3,960	825	19	233,172	638	2,597	1,363	214.
0	—	—	—	—	640	—	—	—	—	—	—	—	28,177	77	147	48	215.
0	15	35	12	—	1,520	21,900	14,407	2,630	—	2,630	1,730	87	54,618	149	2,416	214	216.
5	15	35	10	—	120	1,335	11,125	130	—	130	1,083	72	12,802	35	96	34	217.
1	11	—	4	—	960	23,992	24,991	860	—	860	896	22	34,042	93	778	82	218.
7	8	20	8	—	160	900	5,625	70	—	70	438	26	11,801	32	45	25	219.
3	10	40	3	—	320	3,494	10,918	110	—	110	344	9	11,352	31	80	30	220.
0	8	40	3	—	640	7,277	11,370	210	—	210	328	8	31,381	85	183	27	221.
0	19	35	26	7	5,520	136,779	24,778	35,210	9,540	44,750	8,107	270	602,387	1,650	41,529	3,221	222.
0	17	50	3	—	640	7,646	11,946	250	—	250	391	16	9,431	25	90	160	223.
0	—	—	—	—	320	—	—	—	—	—	—	—	29,343	80	67	233	224.
0	11	55	—	—	1,760	—	—	—	—	—	—	—	71,321	195	450	38	225.
2	—	—	—	—	960	—	—	—	—	—	—	—	30,301	83	226	147	226.
3	—	—	—	—	40	—	—	—	—	—	—	—	9,349	25	113	54	227.
5	15	30	45	—	1,280	18,487	14,442	8,390	—	8,390	6,555	262	77,846	213	7,857	533	228.
0	18	30	41	—	320	4,913	15,353	2,010	—	2,010	6,281	209	6,094	16	1,996	14	229.
0	8	30	6	—	320	1,589	4,965	100	—	100	313	20	8,496	23	98	2	230.
7	16	40	6	—	1,000	11,010	11,010	660	—	660	660	39	47,149	129	428	232	231.
7	—	25	—	—	640	—	—	—	—	—	—	—	49,202	134	354	57	232.
0	4	43	10	—	2,080	12,264	5,896	1,190	—	1,190	572	14	101,364	277	585	605	233.
4	14	45	9	—	2,240	20,071	8,960	1,840	—	1,840	821	34	107,261	293	1,382	458	234.
—	—	67	—	—	40	—	—	—	—	—	—	—	2,719	7	12	6	235.
4	26	30	37	—	800	8,689	10,861	3,180	—	3,180	3,975	284	76,163	208	2,719	461	236.
—	—	1	—	—	80	—	—	—	—	—	—	—	1,841	5	32	5	237.
—	—	—	—	—	960	—	—	—	—	—	—	—	342,475	938	480	353	238.
4	16	35	41	—	1,560	17,447	11,183	7,080	—	7,080	4,538	324	7,108	19	7,050	30	239.
0	24	23	13	—	160	2,085	13,031	280	—	280	1,750	175	7,351	20	274	6	240.
5	16	20	12	—	3,120	41,127	13,181	5,140	—	5,140	1,647	110	79,296	217	5,029	111	241.
—	—	—	—	—	200	—	—	—	—	—	—	—	6,255	17	97	7	242.
2	13	54	43	—	160	742	4,637	320	—	320	2,000	167	2,873	7	309	11	243.
—	—	—	—	—	160	—	—	—	—	—	—	—	3,066	8	36	5	244.
2	18	35	28	—	480	4,357	9,077	1,230	—	1,230	2,563	214	23,308	63	1,006	224	245.
2	18	30	13	26	240	2,559	10,662	320	670	990	4,125	344	48,084	131	770	220	246.
—	6	23	61	—	2,080	7,664	3,684	4,640	—	4,640	2,231	203	9,881	27	4,628	12	247.
—	14	35	15	—	560	7,603	13,576	1,160	—	1,160	2,071	83	11,394	31	1,107	53	248.
—	10	—	18	—	640	2,979	4,654	540	—	540	844	141	50,598	138	312	228	249.
—	16	45	4	—	320	2,809	8,778	120	—	120	375	21	8,198	22	88	32	250.
—	26	48	17	—	400	1,907	4,767	330	—	330	825	165	10,465	28	258	72	251.
													2,620,217	7,179			
													29,850,417	81,782	208,861		

## OIL RESERVES BY REGION

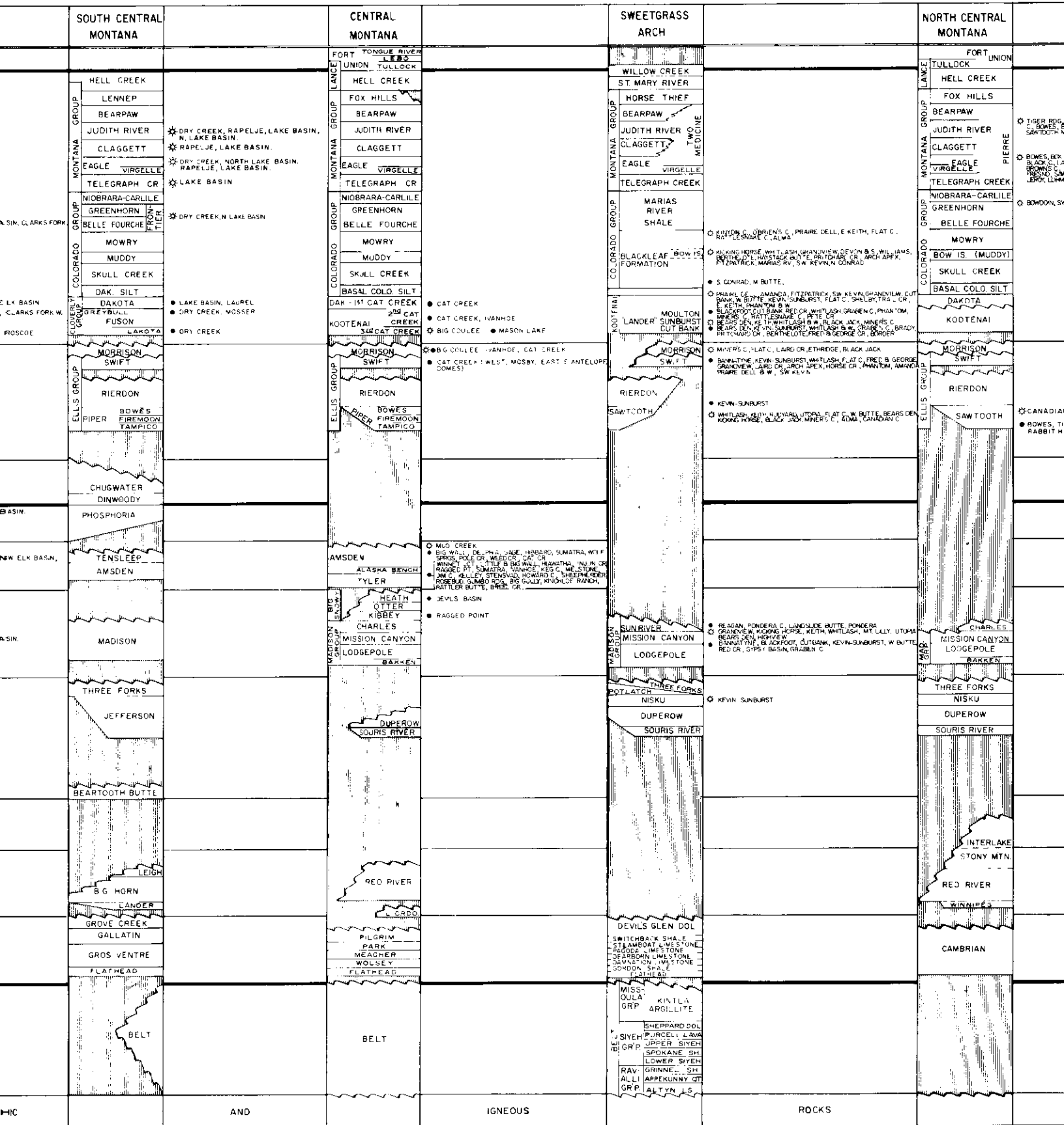




# GENERALIZED STRATIGRAPHIC CORRELATION CHART

SHOWING PRODUCTIVE FORMATIONS IN MONTANA OIL AND GAS FIELDS \*

• OIL \* GAS



# RELATION CHART

FIELDS \*

NORTH CENTRAL MONTANA		NORTH POWDER RIVER BASIN		WILLISTON BASIN		PERIOD	ERA
<p>UNION</p> <p>HELL CREEK</p> <p>FOX HILLS</p> <p>BEARPAW</p> <p>JUDITH RIVER</p> <p>CLAGGETT</p> <p>EAGLE</p> <p>TELEGRAPH CREEK</p> <p>NIORRARA-CARLILE</p> <p>GREENHORN</p> <p>BELLE FOURCHE</p> <p>MOWRY</p> <p>BOW IS (MUDDY)</p> <p>SKULL CREEK</p> <p>BASAL COLO SILT</p> <p>DAKOTA</p> <p>KOOTENAI</p> <p>MORRISON</p> <p>RIERDON</p> <p>SAWTOOTH</p> <p>THREE FORKS</p> <p>NISKU</p> <p>DUPEROW</p> <p>SOURIS RIVER</p> <p>INTERLAKE</p> <p>STONY MTN</p> <p>RED RIVER</p> <p>WINNIPEG</p> <p>CAMBRIAN</p>		<p>UNION</p> <p>HELL CREEK</p> <p>FOX HILLS</p> <p>BEARPAW</p> <p>JUDITH RIVER</p> <p>CLAGGETT</p> <p>EAGLE</p> <p>TELEGRAPH CREEK</p> <p>NIORRARA-CARLILE</p> <p>GREENHORN</p> <p>BELLE FOURCHE</p> <p>MOWRY</p> <p>MUDDY (NEWCASTLE)</p> <p>SKULL CREEK</p> <p>BASAL COLO SILT</p> <p>DAKOTA</p> <p>FUSON (KOOTENAI)</p> <p>LAKOTA</p> <p>MORRISON</p> <p>SUNDANCE</p> <p>GYPHUM SPRING</p> <p>CHUGWATER</p> <p>SPEARFISH</p> <p>MINNEKAHTA</p> <p>OPECHE</p> <p>TENSLEEP</p> <p>MINNELUSA</p> <p>AMSDEN</p> <p>MADISON</p> <p>JEFFERSON GROUP</p> <p>INTERLAKE</p> <p>STONY MTN.</p> <p>RED RIVER</p> <p>BIG HORN</p> <p>WINNIPEG</p> <p>LOWER ORDOVICIAN</p> <p>GROVE CREEK</p> <p>GALLATIN</p> <p>GROS VENTRE</p> <p>DEADWOOD</p>		<p>UNION</p> <p>HELL CREEK</p> <p>FOX HILLS</p> <p>BEARPAW</p> <p>JUDITH RIVER</p> <p>CLAGGETT</p> <p>EAGLE</p> <p>TELEGRAPH CREEK</p> <p>NIORRARA-CARLILE</p> <p>GREENHORN</p> <p>BELLE FOURCHE</p> <p>MOWRY</p> <p>MUDDY (NEWCASTLE)</p> <p>SKULL CREEK</p> <p>BASAL COLO SILT</p> <p>DAKOTA</p> <p>FUSON (KOOTENAI)</p> <p>LAKOTA</p> <p>MORRISON</p> <p>SWIFT</p> <p>RIERDON</p> <p>PIPER</p> <p>BOWES</p> <p>FIREMOON</p> <p>TAMPIGO</p> <p>KLUDE</p> <p>NESSON</p> <p>SAUDE</p> <p>SPEARFISH</p> <p>MINNEKAHTA</p> <p>OPECHE</p> <p>AMSDEN</p> <p>TYLER</p> <p>HEATH</p> <p>OTTER</p> <p>KIBBEY</p> <p>CHARLES</p> <p>MISSION CANYON</p> <p>LODGEPOLE</p> <p>BARKEN</p> <p>THREE FORKS</p> <p>BIRDBEAR (NISKU)</p> <p>DUPEROW</p> <p>SOURIS RIVER</p> <p>DAWSON BAY</p> <p>PRAIRIE EVAP</p> <p>WINNIPEGOSIS</p> <p>ASHERN</p> <p>INTERLAKE</p> <p>STONY MTN.</p> <p>RED RIVER</p> <p>WINNIPEG</p> <p>LOWER ORDOVICIAN</p> <p>DEADWOOD</p>		<p>UPPER</p> <p>CRETACEOUS</p> <p>LOWER</p> <p>UPPER</p> <p>MIDDLE</p> <p>LOWER</p> <p>LOWER ?</p> <p>PERMIAN</p> <p>PENNSYLVANIAN</p> <p>MISSISSIPPIAN</p> <p>UPPER</p> <p>MIDDLE</p> <p>LOWER</p> <p>UPPER</p> <p>MIDDLE</p> <p>LOWER</p> <p>UPPER</p> <p>MIDDLE</p> <p>LOWER</p>	<p>MESOZOIC</p> <p>JURASSIC</p> <p>TRIASSIC</p> <p>PERMIAN</p> <p>PENNSYLVANIAN</p> <p>MISSISSIPPIAN</p> <p>DEVONIAN</p> <p>SILURIAN</p> <p>ORDOVICIAN</p> <p>CAMBRIAN</p> <p>PROTEROZOIC</p> <p>ARCHEOZOIC</p>
<p>FLAT C.</p> <p>S. WILLIAMS</p> <p>TRAIL CR.</p> <p>PHANTOM</p> <p>WILSON</p> <p>BRADY</p> <p>BORDER</p> <p>WICK</p> <p>NEED &amp; GEORGE</p> <p>QUINTON, AMANDA</p> <p>TE BEARDS DEN</p> <p>CLADAY C.</p> <p>LLI, UTOPIA</p> <p>REST, W BUTTE</p>		<p>ASH CR</p> <p>LISCOR CR, PANKIN CR</p> <p>HARDON</p> <p>HAMMOND</p> <p>BELL CR, HAMMOND</p> <p>BELL CR, WRIGHT CR</p> <p>ROCK CR</p> <p>LEARY</p> <p>HAMMOND</p> <p>LODGE GRASS, SOAP CREEK, SNYDER</p> <p>SOAP CREEK</p>		<p>CEGAR CREEK, PLEVNA</p> <p>CEGAR CREEK</p> <p>WELDON E COW CR, FIAT L SHOTGUN CR, SMOKE CR, KATY L, DWYER POPULAR COW CR, RICHEY PRAIRIE ELK VOLT MINERAL BOG, GAS CITY, GOOSE LAKE, MEDICINE L, CLEAR L, RIPRAP C, RIDGELAWN, DIVIDE</p> <p>RED BANK, LUSTRE, AUTUMN</p> <p>SIDNEY, BRORSON, CABIN CR, MONARCH, PENNEL, POPULAR RED BANK, OUTLOOK S FIAT L, HARDCRABBLE CR, SHOTGUN CR, SIOUX PASS, MONDAX W</p> <p>PINE, HENNEL, LOOKOUT BUTTE, SALT L</p> <p>TILE CR, S. B.E., BENNING, B.E., ONE TREE, SPRING L, VOLT, RED FOX, SALT L, CHELSEA CR, RAYMOND, CHARLIE CR, S CLEAR L</p> <p>OUTLOOK, MINERAL BOG, WOODROW, BOULDER</p> <p>SW RICHEY, MONDAX W</p> <p>RED STONE, OUTLOOK &amp; W, FAIRVIEW, RESERVE, N SIOUX PASS, RUSH MTN, RAYMOND &amp; NE, MONDAX W, MEDICINE L, N BANK, VILLE</p> <p>BIG MUDDY CR, SIOUX PASS &amp; N, DEER CR, MONARCH, PENNEL, PINE, OUTLOOK, SAND CR, SW RICHEY, LOOKOUT BUTTE, VIDA, WILLS CR, WOODROW, RESERVE, CABIN CR, PUTNAM, MONDAX W, MEDICINE L</p> <p>LOOKOUT BUTTE, GLENDALE, PENNEL, WOODROW, MONDAX W</p> <p>BURNS CR, MONY, RAYMOND &amp; NE, SECOND CR, CLIFTON, DEER CR, CARRIAGE, LITTLE BEAVER &amp; E, MONARCH, OUTLOOK, PENNEL, PINE, REPEAT, SAND CR, WILLS CR, FERTILE PRAIRIE, BRONSON, ROSA MTN, SPRING L, BRUSH, DANVILLE &amp; W, OTIS CR, COLBERTSON, FROD, HATCH, SPARGO, CANAL, FT GILBERT, LONE TREE, SOUXPASS, MIDDLE &amp; N, LONE BUTTE, PUTNAM, BIG MUDDY CR, MONDAX W, OXBOW, MEDICINE L, W FOUR MILE, N KATY L, CLEAR L, B S, CARLYLE, OLLIE, COMERTOWN, RED BANK, KRUG CR, MIDDY</p>		<p>CANADIAN COULEE NORTH</p> <p>BOWES, TIGER RIDGE, RABBIT HILLS</p>	

\*SOME FIELDS SHOWN ARE DEPLETED OR NO LONGER PRODUCTIVE