THE GEOLOGICAL SURVEY OF WYOMING
Gary B. Glass, State Geologist

MAP SERIES 31
Powder River Basin oil and gas map
MS-31

OIL AND GAS FIELDS MAP OF THE POWDER RIVER BASIN, WYOMING

by

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1990

N

10 0 10 Miles
10 0 10 Kilometers

Scale 1:316,800

EXPLANATION

PREDOMINANT AGE OF PRODUCTIVE ROCKS

- TERTIARY
- UPPER CRETACEOUS
- LOWER CRETACEOUS
- JURASSIC-TRIASSIC
- PERMIAN-PENNSYLVANIAN

FIELD DESIGNATIONS

(A) Abandoned field (S) Gas or LPG storage (SI) Shut-in

FIELDS

(New fields are spotted through May 1, 1989. Field boundaries are approximate.)

SHIPPY (Frtd) — Green names denote fields which primarily produce oil.

BLACK BILL (Kmv) — Red names denote fields which primarily produce gas.

ANDS DRAW (Kmv) — Blue names denote fields which produce significant amounts of both oil and gas.

KEY TO NUMBERED OIL FIELDS IN THE NORTHEAST POWDER RIVER BASIN

1. ADON ROAD (Frtd)
2. ADON ROAD NORTH (Kmd Frtd)
3. AJAX (SI) (Frtd)
4. ALPHA (Frtd)
5. AMERICAN (Frtd)
6. ASHORE (Kmv Kmd Kd Frtd)
7. ASRO (Kmd Frtd)
8. ASV (Frtd)
9. BASIN (SI) (Frtd)
10. BASIN NORTHWEST (Frtd)
11. BAUMFALK (Frtd)
12. BIG HAIR (Kmv Kmd Kd Frtd)
13. BISHOP RANCH (Frtd)
14. BISHOP RANCH EAST (SI) (Frtd)
15. BISHOP RANCH SOUTH (Frtd)
16. BOOTON (Frtd)
17. BRACKEN (Kmd Frtd)
18. BREAKS (Frtd)
19. BREIN (Kmv Kmd Frtd)
20. BRENHAM (Frtd)
21. BRONCO (Frtd)
22. BULLWHACK (Frtd)
23. BUTTE CREEK (Frtd)
24. CAP (Frtd)
25. CARN CANYON (A) (Frtd)
26. CANDY DRAW (Frtd)
27. CARDINAL (Frtd)
28. CHALK HILLS (Frtd)
29. CLABAUGH (Frtd)
30. CLUBHOUSE (Kfd)
31. CORONA (Frtd)
32. COUNTY LINE (Frtd)
33. DEADMAN CREEK (Frtd)
34. DEER FLY (Frtd)
35. DENOYE DRAW (Frtd)
36. DILLINGER RANCH (Frtd)
37. DILLINGER RANCH EAST (Kmv)
38. DONKEY CREEK (Kmd Kd Frtd)
39. DONKEY CREEK NORTH (Kmd Kd Frtd)
40. DOUBLE SHIELD (Frtd)
41. DOVE SOUTHEAST (Frtd)
42. DRY GULCH (Frtd)
43. DUCK NEST CREEK (Kmd)
44. DUNLAP (Frtd)
45. DUTCH (Frtd)
46. DUVALL RANCH (Frtd)
47. EAST DRAW (Kmd)
48. EMAR (Frtd)
49. ENYARD DRAW (Frtd)
50. FD (Frtd)
51. FISH (Frtd)
52. FISHING LAKE (Frtd)
53. FLORIDA (Kmd)
54. FOURCHE (Frtd)
55. GAP (Frtd)
56. GARNER LAKE (Frtd)
57. GIBBS (Frtd)
58. GIBBS NORTH (Frtd)
59. GIBBS SOUTH (Frtd)
60. GLO (Frtd)
61. GLO NORTH (Frtd)
62. GOLD MINE DRAW (Frtd)
63. GRASSLAND (Frtd)
64. GRAY (A) (Kmd Frtd)
65. GRAY SOUTH (Frtd)
66. GUTHERY (Frtd)
67. HAIGHT (Frtd)
68. HAL (Frtd)
69. HALVERSON (Kd Frtd)
70. HAMM (Frtd)
71. HAWKEYE (Kmd Frtd)
72. HEATH (Kmd Frtd)
73. HELLS DRAW (Kmd)
74. HIGH ROAD (Frtd)
75. HILDA (Frtd)
76. HIRSCH (Kmd)
77. HOOVER-GULCH (Frtd)
78. JB (Frtd)
79. JOYCES (Frtd)
80. KIEHL (Frtd)
81. KIEHL WEST (Frtd)
82. KOCH DRAW (Frtd)
83. KUEHNE RANCH (SI) (Frtd)
84. KUEHNE RANCH EAST (Frtd)
85. KUEHNE RANCH NORTHEAST (SI) (Frtd)
86. KUEHNE RANCH SOUTHEAST (Frtd)
87. KUMMERFIELD (Kd Kfg)
88. KUMMERFIELD WEST (Kmd Kd Frtd)
89. LAKE (SI) (Frtd)
90. LANEY (SI) (Frtd)
91. LILY (Frtd)
92. LITTLE MITCHELL CREEK (Frtd)
93. LITTLE MO (Frtd)
94. LONE CEDAR (Frtd)
95. M-O (Frtd)
96. MAC (Frtd)
97. MALMQUIST (Frtd)
98. MAPES (Frtd)
99. MARNIE (Frtd)
100. MARNIE SOUTH (Frtd)
101. MARYS RESERVOIR (Frtd)
102. MAYBOOF (Frtd)
103. MAYBOOF SOUTH (Frtd)
104. McCREERY (Frtd)
105. MELLOTT RANCH (Frtd)
106. MILLER CREEK (Kmd Kd Frtd)
107. MISSOURI (Frtd)
108. MITCHELL CREEK (Frtd)
109. MOORCROFT (Kmd Frtd)
110. MOORCROFT EAST (Kmd)
111. MOORCROFT WEST (Kmd Kd Frtd)
112. MORAN (Frtd)
113. MOREL (Frtd)
114. MULE HERDER (Frtd)
115. NETA (Frtd)
116. O'DONNOR (Kmd)
117. OK (Frtd)
118. OLSEN (Frtd)
119. OSNOSTO (Kmd Frtd)
120. OTTIE DRAW (Frtd)
121. OXBOW (Frtd)
122. PEBBLE BEACH (Frtd)
123. PICKREL RANCH (SI) (Frtd)
124. PIERCE (Frtd)
125. PINEY (Frtd)
126. PLEASANT VALLEY (Frtd)
127. POWNALL RANCH (Frtd)
128. PRAIRIE CREEK (Kmv)
129. PRAIRIE CREEK SOUTH (Kmv)
130. RAINBOW RANCH (Frtd)
131. RAINBOW RANCH NORTH (Kmd Frtd)
132. REEL (Frtd)
133. REYNOLDS RANCH (Frtd)
134. RIGHT A WAY (Frtd)
135. ROCKY BUTTE (Frtd)
136. ROBINS (Frtd)
137. ROYAL DRAW (Frtd)
138. RULE (Frtd)
139. S-BAR (Kmd)
140. SCRIBNER (Frtd)
141. SEMLEK SOUTHWEST (Kmd)
142. SEMLEK WEST (Kmd Kfg Frtd)
143. SHARP (Tfg Frtd)
144. SHEARING PEN DRAW (Kmd)
145. SHIPPY (Frtd)
146. SIDNER DRAW (Frtd)
147. SIMPSON NORTH (Frtd)
148. SIMPSON RANCH (Frtd)
149. SLATTERY (Frtd)
150. SODA WELL (Frtd)
151. SPRING (Frtd)
152. SPRING HOLE (Frtd)
153. STEWART (Frtd)
154. STEWART EAST (Frtd)
155. SUMMERFIELD (Frtd)
156. TA BUTTES (Frtd)
157. TERRACE (Frtd)
158. TEXAS TRAIL (Frtd)
159. THOLSON (Frtd)
160. THORSON (Frtd)
161. TIMBER CREEK (Kmd Frtd)
162. TIMBER CREEK NORTHWEST (Frtd)
163. TIMBER CREEK SOUTH (Frtd)
164. T-T ROAD (Frtd)
165. VI BAR RANCH (Kmd)
166. WAGON SPOKE (Frtd)
167. WALLACE (Frtd)
168. WALLACE SOUTH (Frtd)
169. WARD CREEK (A) (Kmd Frtd)
170. WELL CREEK (Frtd)
171. WHISLER (Frtd)
172. WILDFIRE (Frtd)
173. WINDMILL (Kmd Frtd)
174. WINTER DRAW (Frtd)
175. WOLF DRAW (Frtd)
176. WOLFF (Frtd)
177. YELLOW HAMMER (A) (Frtd)
178. YORK (Frtd)
179. YORK NORTH (Frtd)

INDEX OF PRODUCTIVE FORMATIONS

TERTIARY
- Tw Wasatch Formation
- Twr White River Formation
- Twdr Wind River Formation
- Tfu Fort Union Formation

UPPER CRETACEOUS
- Kl Lance Formation
- Kle Lewis Shale
- Kmvt Teapot Sandstone
- Kmvp Parkman Sandstone
- Ks Steele Shale
- Kex Sussex Sandstone
- Ksh Shannon Sandstone
- Kn Niobrara Formation
- Ktr Turner Sandstone
- Kg Greenhorn Formation
- Kf Frontier Formation

LOWER CRETACEOUS
- Kmr Mowry Shale
- Knc Newcastle Sandstone
- Kmd Muddy Sandstone
- Ksc Skull Creek Shale
- Kd Dakota Sandstone
- Kfr Fall River Sandstone
- Kla Lakota Sandstone

JURASSIC
- Jm Morrison Formation
- Js Sundance Formation

TRIASSIC
- Tsc Crow Mountain Sandstone
- Tc Chugwater Group

PERMIAN
- Pm Minnekahta Limestone

PERMIAN/PENNSYLVANIAN
- PPml Minnelusa Formation

PENNSYLVANIAN
- Pt Tensleep Sandstone

PENNSYLVANIAN/MISSISSIPPIAN
- PMa Amsden Formation

(Abandoned and producing formations are shown for each field.)

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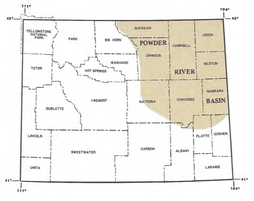
LOCATION MAP