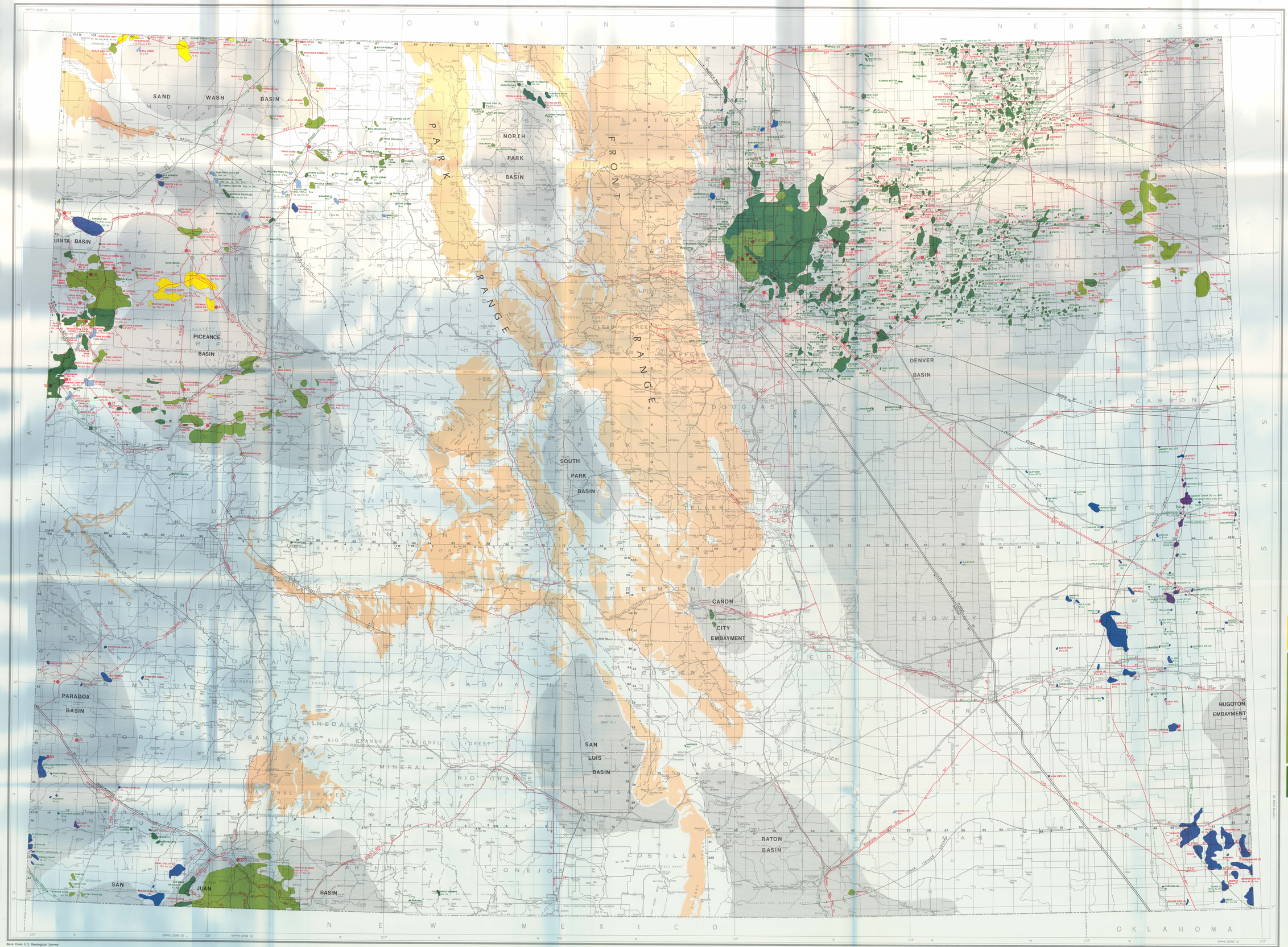
COLORADO GEOLOGICAL SURVEY
DEPARTMENT OF NATURAL RESOURCES

OIL AND GAS FIELDS MAP OF COLORADO

by A. H. Scanlon

MAP SERIES 22
1983



EXPLANATION

PREDOMINANT AGE OF PRODUCTION

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

Note: Where a field produces from formations of different ages, the age of predominant or current production is depicted, based on cumulative production. In this publication, the D Sand has been considered as Lower Cretaceous so that the production from such formations as the Codell, Sussex, Niobrara, etc. can be distinguished.

PIPELINES, REFINERIES AND PLANTS

- Continental 10" — OIL
- Citizens Utilities 4" — GAS
- Phillips 6" — PRODUCTS

Note: Major pipelines will include operator name, size and direction of flow. Infield gathering systems and pipelines less than 3" are not shown.

- 13 REFINERY — Showing capacity in thousand barrels/day.
- 37 GAS PROCESSING PLANT — Showing capacity in million cubic feet/day.

Note: Refinery and gas processing plant locations are approximate.

FIELDS

- HASWELL Prov — OIL FIELD
- DUKE Ks — GAS FIELD

Note: Field Discoveries through December 1982

Field name and producing horizons color coded by oil (green) or gas (red) production; field area color coded by age of production.

Field boundaries are approximate and do not distinguish between different producing horizons.

FIELD DESIGNATIONS

(A) Abandoned Field (G) Gas Injection (D) Water Disposal Well(s)
(W) Water Flood (S) Gas Storage

- UNDIFFERENTIATED PRECAMBRIAN ROCKS EXPOSED AT SURFACE
- SEDIMENTARY BASIN OUTLINE

OIL AND GAS FIELDS BY NUMBER

1 OAKHILL (D) Kj
2 WINSTON NORTH Kd
3 VIETA Kj
4 WINSTON Kd
5 CHIMNEY CANYON (A) Kj
6 FRONTIER Kj
7 SLEEPING Kmf Kd
8 BONDERMAN Kpj Kdj
9 WILSON CREEK Kmf
10 TOWER (A) Kj
11 GRAYLIN NW (D, W) Kpj Kdj
12 TENTHER (D) Kj
13 GRAYLIN Kpj Kdj
14 ADOBE Kd
15 LIBERTY SOUTH (A) Kd
16 LIBERTY Kj
17 LIBERTY WEST Kj
18 LIBERTY NW (W) Kj
19 BEAL Kmf
20 BRAVO (A) Kj
21 LATCH STRING Kmf
22 BRAVO DOME Kmf Kpj
23 GARY RANCH Kpj Kdj Kd FG
24 RUFUS RUN (A) Kdd
25 RAPIDS Kmf
26 STEAMBOAT Kmf
27 BUFFALO (W) Kd
28 JUBILEE Kmf
29 NUTAE Kj
30 HOCTOR (A) Kj
31 BOX CAT WEST (A) Kj
32 NUGGET (W) Kd
33 BOX CAT Kj Kdj Kd
34 ROSE Kmf Kdj
35 SIDEWINDER Kmf Kdj
36 SOUTH (A) Kj
37 BOMBTRAIL Kdd Kdj
38 LUSTER (A) Kj
39 BRACKEN Kmf Kdj
40 BEACON Kmf Kj
41 WARLOCK Kdj
42 FIRST DR. Kj
43 RAMP Kmf
44 AMBUSH Kdj
45 RADAR Kmf Kdj
46 BEAR GULCH Kmf Kdj
47 BUCKSHORN Kdj
48 MAD DOG Kmf Kdj
49 HIGH KNOLL (A) Kj
50 HIGH KNOLL Kmf Kdj
51 ROADSIDE Kdj
52 CINCH Kdj
53 TUMBLEWEED Kj Kdd
54 SPURGEN NORTH (A) Kj
55 RATTLESNAKE Kmf Kdj
56 SPURGEN Kj
57 LITTLE HOGT Kdj Kdd
58 RABBIT (A) Kpj
59 BLACKWATER Kj
60 PELICAN WEST (A) Kdd
61 JOHNSON HILLS (PLUG Kdj Kj
62 LOGAN Kdj
63 LOGAN NORTH Kdj
64 LOOKUP (A) Kd
65 KEY Kdj
66 TURQUOISE Kdj
67 LUFT Kdj Kj
68 SPRINGDALE Kdj
69 SPRINGDALE EG (D) Kj
70 BUCKEYE (A) Kdj
71 CANTINA Kdd
72 BISON (A) Kdd
73 BISON Kdd
74 AKRON E (W) Kdd
75 BISON Kdd
76 PUNDT (A) Kj
77 PUNDT Kdj Kj
78 RANCHERO (D) Kdj Kdj
79 BULLWACKER Kdj
80 SENSA Kmf Kdj
81 ROSNER Kdd Kdj
82 SAN ARROYO (W, D) Kdd Kdj
83 CORA (A) Kdj
84 CORA Kdj Kj
85 LITTLE BEAVER E KRIVA Kj
86 WOODCASIN (W) Kj
87 PINEDLEY Kdd
88 LARAT (D) Kdd
89 LARAT Kdj
90 CENTENNIAL (D) Kdj
91 ANTELOPE (A) Kpsu
92 TRAPPER-LAMBORN Kdj Kj
93 LAMBORN Kdj
94 BARKER LAKES Kdj
95 LAKE BOB Kdd
96 HORSE CR. Kdj
97 CARLE Kj
98 PONDEROSA (W) Kj
99 MONTE (D) Kj
100 LONE STAR & FARO Kdj Kdj
101 POD (D) Kdj
102 PITCH (A) Kj
103 LINCOLN (D) Kj
104 GIBSON (A) Kj
105 GIBSON (W) Kj
106 DOUBLE EAGLE Kdd
107 POISON SPR. Kmf
108 MOONEN RANCH Kdd, Kdj
109 WORDEN RANCH (D) Kdj
110 CYPRESS Kdj
111 POD (D) Kdj
112 PITCH (A) Kj
113 HOMESTEAD Kdd
114 WILDCAT (A) Kdj
115 WILDCAT (W, D) Kdj Kdj
116 WILDCAT Kdj
117 CARTWHEEL (A) Kj
118 SKINDALE Kdd, Kdj
119 PONY Kdj
120 PONY Kdj
121 BADGER CR W Kdj
122 MIDDLEWEST (W) Kj
123 BADGER CREEK Kdj
124 BADGER CREEK (W) Kdj Kdj
125 WETZEL CREEK (A) Kj
126 JACK RABBIT (D) Kj
127 STRAND (A) Kj
128 STRAND Kj
129 CONES (A) Kdj
130 CONES (W) Kdj
131 WOOMEN RANCH (D) Kdj
132 PRONGHORN Kdj
133 WHITE NORTH Kdj
134 HIGHFIELD (A) Kdj
135 HIGHFIELD (W) Kdd, Kdj
136 TRACK Kdd
137 HARTSHORN (D) Kdj
138 CALLAWEY Kdd
139 EMBLEM Kd
140 DOME Kdj
141 MOUNTAIN VIEW Kdd, Kdj
142 BANTAM (W) Kdj
143 WATKINS (W) Kdj
144 MOUNT HOPE (A) Kdd, Kdj
145 MOUNT HOPE E Kdd, Kdj, Kdj
146 DIVIDE (W) Kdd
147 DALE MO. (A) Kj
148 CARDWELL Kdj
149 WHITE BUTTE Kdj
150 WILDHORSE Kdj
151 WILDHORSE (A) Kj
152 WILDCRN (A) Kdd
153 HORSESHOE Kdj
154 LAMBORN DRAW (A) Kdd
155 LAMBORN Kdd Kdj
156 TREND Kdd Kdj
157 GOODRICH (A) Kj
158 RADIO NORTH Kdd Kdj
159 RADIO Kdd Kdj
160 TRAIL SOUTH Kdj
161 LONE VALLEY Kdj
162 SPAR Kdj
163 BUFFALO SLOUGH (A) Kdd, Kdj
164 BUFFALO Kdd Kdj
165 WOODROW SOUTH Kdd, Kdj
166 AGATE Kdd
167 HINKE (D) Kdd
168 CABINO Kdj
169 SAN ARROYO E KEJR SOUTH Kdd, Kdj
170 HOMESTEAD Kdd
171 WOODROW Kdd Kdj
172 WOOD CR. Kdd, Kdj
173 PRONGHORN Kdj
174 WHITE NORTH Kdj
175 HIGHFIELD (A) Kdj
176 HIGHFIELD (W) Kdd, Kdj
177 TRACK Kdd
178 HARTSHORN (D) Kdj
179 CALLAWEY Kdd
180 BADGER CR W Kdj
181 MIDDLEWEST (W) Kj
182 BADGER CREEK Kdj
183 BADGER CREEK (W) Kdj Kdj
184 WETZEL CREEK (A) Kj
185 JACK RABBIT (D) Kj
186 STRAND (A) Kj
187 STRAND Kj
188 CONES (A) Kdj
189 CONES (W) Kdj
190 CALLAWEY Kdd
191 RING Kdj
192 CYPRESS Kdj
193 INCLINE Kdj
194 FIERTA (D) Kdd, Kdj
195 HURRY UP Kdj
196 HURRY UP Kdj
197 BEACON Kdd, Kdj
198 BAREFOOT Kdj
199 BUCKAROO Kdj
200 KACHINA (D) Kdj
201 FEE Kdj
1 AMBER SO. Kdd
2 CASEMENT (A) Kdj
3 CASEMENT Kdj
4 LITTLE HOGT Kdd, Kdj
5 RHOBOLINE (A) Kdd, Kdj
6 HOGBETAL (D) Kdd, Kdj
7 BYRON (A) Kdj
8 BYRON (W, D) Kdj
9 JOHNSON HILL (A) Kdj
10 ALPHA (A) Kdj
11 VIGUERO (A) Kd
12 STARK (A) Kdj
13 BATTLES Kdj
14 BATTLES Kdd
15 DIKE Kdd
16 BANYON (A) Kdd
17 ARVON (A) Kdd
18 BULLSEYE Kdd
19 BULLSEYE (A) Kdd
20 NO NAME
21 POINT OF ROCKS Kdd
22 CEDAR CREEK NORTH Kdd
23 MOUNT HOPE NORTH Kdd, Kdj
24 WALKER (D) Kdd
25 HAWK RANCH Kdd
26 MOUNT HOPE Kdd
27 MOUNT HOPE (W) Kdd, Kdj
28 MOUNT HOPE E Kdd, Kdd, Kdj
29 DIVIDE (W) Kdd
30 DALE MO. (A) Kj
31 JUAN ARROYO (A) Kd
32 CHILENO (D) Kdd
33 CHILENO Kdd
34 QUARRY Kdj
35 LONGBRANCH Kdd, Kdj
36 TOTTEM Kdd, Kdj
37 PIERAMMY Kdj
38 PIERAMMY Kdj
39 COUGAR Kdj
40 GAMBLER Kdd
41 DOUBLETREE (D) Kdd
42 RAINBOW CREEK N Kdj
43 BLUE CLOUD Kd, Kdj
44 DOUGLAS CREEK Kd, Kdj
45 THUNDER Kd, Kdj
46 BARTLE Kdj
47 CHEROKEE Kdj
48 CHEROKEE Kdj
49 CHEROKEE Kdj
50 CHEROKEE Kdj
51 CHEROKEE Kdj
52 CHEROKEE Kdj
53 CHEROKEE Kdj
54 CHEROKEE Kdj
55 CHEROKEE Kdj
56 CHEROKEE Kdj
57 CHEROKEE Kdj
58 CHEROKEE Kdj
59 CHEROKEE Kdj
60 CHEROKEE Kdj
61 CHEROKEE Kdj
62 CHEROKEE Kdj
63 CHEROKEE Kdj
64 CHEROKEE Kdj
65 CHEROKEE Kdj
66 CHEROKEE Kdj
67 CHEROKEE Kdj
68 CHEROKEE Kdj
69 CHEROKEE Kdj
70 CHEROKEE Kdj
71 CHEROKEE Kdj
72 CHEROKEE Kdj
73 CHEROKEE Kdj
74 CHEROKEE Kdj
75 CHEROKEE Kdj
76 CHEROKEE Kdj
77 CHEROKEE Kdj
78 CHEROKEE Kdj
79 CHEROKEE Kdj
80 CHEROKEE Kdj
81 CHEROKEE Kdj
82 CHEROKEE Kdj
83 CHEROKEE Kdj
84 CHEROKEE Kdj
85 CHEROKEE Kdj
86 CHEROKEE Kdj
87 CHEROKEE Kdj
88 CHEROKEE Kdj
89 CHEROKEE Kdj
90 CHEROKEE Kdj
91 CHEROKEE Kdj
92 CHEROKEE Kdj
93 CHEROKEE Kdj
94 CHEROKEE Kdj
95 CHEROKEE Kdj
96 CHEROKEE Kdj
97 CHEROKEE Kdj
98 CHEROKEE Kdj
99 CHEROKEE Kdj
100 CHEROKEE Kdj
101 CHEROKEE Kdj
102 CHEROKEE Kdj
103 CHEROKEE Kdj
104 CHEROKEE Kdj
105 CHEROKEE Kdj
106 CHEROKEE Kdj
107 CHEROKEE Kdj
108 CHEROKEE Kdj
109 CHEROKEE Kdj
110 CHEROKEE Kdj
111 CHEROKEE Kdj
112 CHEROKEE Kdj
113 CHEROKEE Kdj
114 CHEROKEE Kdj
115 CHEROKEE Kdj
116 CHEROKEE Kdj
117 CHEROKEE Kdj
118 CHEROKEE Kdj
119 CHEROKEE Kdj
120 CHEROKEE Kdj
121 CHEROKEE Kdj
122 CHEROKEE Kdj
123 CHEROKEE Kdj
124 CHEROKEE Kdj
125 CHEROKEE Kdj
126 CHEROKEE Kdj
127 CHEROKEE Kdj
128 CHEROKEE Kdj
129 CHEROKEE Kdj
130 CHEROKEE Kdj
131 CHEROKEE Kdj
132 CHEROKEE Kdj
133 CHEROKEE Kdj
134 CHEROKEE Kdj
135 CHEROKEE Kdj
136 CHEROKEE Kdj
137 CHEROKEE Kdj
138 CHEROKEE Kdj
139 CHEROKEE Kdj
140 CHEROKEE Kdj
141 CHEROKEE Kdj
142 CHEROKEE Kdj
143 CHEROKEE Kdj
144 CHEROKEE Kdj
145 CHEROKEE Kdj
146 CHEROKEE Kdj
147 CHEROKEE Kdj
148 CHEROKEE Kdj
149 CHEROKEE Kdj
150 CHEROKEE Kdj
151 CHEROKEE Kdj
152 CHEROKEE Kdj
153 CHEROKEE Kdj
154 CHEROKEE Kdj
155 CHEROKEE Kdj
156 CHEROKEE Kdj
157 CHEROKEE Kdj
158 CHEROKEE Kdj
159 CHEROKEE Kdj
160 CHEROKEE Kdj
161 CHEROKEE Kdj
162 CHEROKEE Kdj
163 CHEROKEE Kdj
164 CHEROKEE Kdj
165 CHEROKEE Kdj
166 CHEROKEE Kdj
167 CHEROKEE Kdj
168 CHEROKEE Kdj
169 CHEROKEE Kdj
170 CHEROKEE Kdj
171 CHEROKEE Kdj
172 CHEROKEE Kdj
173 CHEROKEE Kdj
174 CHEROKEE Kdj
175 CHEROKEE Kdj
176 CHEROKEE Kdj
177 CHEROKEE Kdj
178 CHEROKEE Kdj
179 CHEROKEE Kdj
180 CHEROKEE Kdj
181 CHEROKEE Kdj
182 CHEROKEE Kdj
183 CHEROKEE Kdj
184 CHEROKEE Kdj
185 CHEROKEE Kdj
186 CHEROKEE Kdj
187 CHEROKEE Kdj
188 CHEROKEE Kdj
189 CHEROKEE Kdj
190 CHEROKEE Kdj
191 CHEROKEE Kdj
192 CHEROKEE Kdj
193 CHEROKEE Kdj
194 CHEROKEE Kdj
195 CHEROKEE Kdj
196 CHEROKEE Kdj
197 CHEROKEE Kdj
198 CHEROKEE Kdj
199 CHEROKEE Kdj
200 CHEROKEE Kdj
201 CHEROKEE Kdj

FORMATION INDEX

TERTIARY
- Tgd Douglas Creek (Member of Green River)
- Tgp Parachute (Member of Green River)
- Tgpi Piceance Creek (Member of Green River)
- Tg Green River
- Tw Wasatch
- Tf Fort Union

UPPER CRETACEOUS
- Kl Lance
- Kk Kirtland
- Kpsu Sussex (Member of Pierre)
- Kpn Niobrara
- Kpc Pictured Cliffs
- Kls Lewis Shale
- Kcvrm Rollins-Corcoran (Member of Mesaverde)
- Kmvt Trout Creek
- Kph Hygiene (Member of Pierre)
- Kpc Codell (Member of Carlile)
- Kcp Copelle (Member Ites of Mesaverde)
- Kco Corcoran (Member Ites of Mesaverde)
- Kp Pierre Shale
- Kcg Castlegate Sandstone
- Kmv Mesaverde
- Kmm Mancos (Member of Mancos)
- Kme Emery (Member of Mancos)
- Kmf Fort Hays
- Kht Timpas (Fort Hays)
- Kn Niobrara
- Kgl Gallup
- Kc Carlile (Member of Carlile)
- Kc Carlile
- Kmfr Frontier
- Kg Greenhorn
- Kmtc Tocito (Member of Mancos)
- Kmm Mowry (Member of Mancos)
- Km Mancos

LOWER CRETACEOUS
- Kmu Muddy
- Kdd D Sand
- Kdj J Sand
- Kd Dakota
- Klo O Sand
- Kla Lakota
- Kbb Burkhorn (Member Cedar Mountain)
- Kb Burrow Canyon Formation
- Kcm Cedar Mountain
- KJm Dakota-Morrison

JURASSIC
- Jm Morrison
- Jmc Salt Wash (Member Morrison)
- Jc Curtis
- Je Entrada
- Js Sundance
- Jn Nugget

TRIASSIC
- Tr m Moenkopi
- Tr cs Shinarump (Member Chinle)
- Tr w Wingate (Member Glen Canyon)

PERMIAN
- Prc Red Cave (Lyons)
- Ply Lyons
- Pc Cutler
- Pw Weber

PENNSYLVANIAN
- IPw Wabaunsee Group
- IPs Shawnee
- IPt Topeka
- IPl lomay group/zone
- IPhh Honaker Trail (Member Hermosa)
- IPhd Desert Creek (Member Paradox)
- IPhg Paradox Formation
- IPh Hermosa Group
- IPm Minturn
- IPl Leadville Group
- IPkc Kansas City Formation
- IPma Marmaton Group
- IPc Cherokee Group
- IPfs Fort Scott
- IPa Atoka
- IPme Morrison
- IPmc McClave
- IPk Keyes

MISSISSIPPIAN
- Mc Chesterman
- Mst St. Louis
- Ms Sperger
- Mo Osagean

REFERENCES

Colorado Oil and Gas Conservation Commission, 1982, personal communication.

_____1982, 1981 Oil and Gas Statistics: Colorado Oil & Gas Conservation Commission, 241 p.

Colorado Public Utilities Commission, 1982, personal communication.

Interstate Transmission & Pipeline Companies, 1982, personal communication.

Keroher, G.C., and others, 1966, Lexicon of geologic names of the United States for 1936-60, Part 1, A-F: U.S. Geol. Survey Bull. 1200, v. 1, 1448 p.

PennWell Publishing Co., 1983, Products Pipelines of the United States and Canada, First Edition: Tulsa, Oklahoma, PennWell Publishing Co.

Rocky Mountain Association of Geologists Research Committee, 1977, Subsurface cross sections of Colorado: Rocky Mountain Assoc. Geologists Spec. Pub. 2, 39 p., 24 figs.

Scanlon, A.H., 1982, Oil and gas fields of Colorado-Statistical data through December 1981: Colorado Geol. Survey Inf. Ser. 18, 76 p., 3 figs.

U.S. Department of Energy/Energy Information Administration, 1981, Statistics of Interstate Natural Gas Pipeline Companies, 1980: DOE/EIA-0145(80), 216 p.

U.S. Geological Survey, 1982, Marge MacLachlan, personal communication.

U.S. Geological Survey and Colorado Geological Survey, 1977, Energy Resources Map of Colorado: U.S. Geol. Survey Misc. Geol. Inv. Map I-1039, scale 1:500,000.

Western Oil Reporter, 1982-1983, personal communication.

ACKNOWLEDGEMENT

THIS PROJECT WAS COMPILED BY THE STAFF OF THE COLORADO GEOLOGICAL SURVEY AS PART OF A GRANT FROM THE COLORADO OIL AND GAS CONSERVATION COMMISSION.

Base from U.S. Geological Survey
Drafted by Cheryl Brchan

Scale 1:500,000
1 inch equals approximately 8 miles

Lambert conformal conic projection based on standard parallels 33° and 43°
Black numbered lines indicate the 50,000-meter Universal Transverse Mercator grid, zones 12 and 13