



EXPLANATION

LITHOLOGIC UNITS

- Undifferentiated Precambrian rock outcrop
- Upper Cretaceous to Tertiary volcanic and intrusive rock outcrop

FIELDS^{1,2,3}

- Gas field that has December 1994 cumulative production greater than 5-billion cubic feet of gas (BCFG); number indicates cumulative production rank
- Oil field that has December 1994 cumulative production greater than 1-million barrels of oil (MBO); number indicates cumulative production rank

BASINS

- Sedimentary basins

MAP SYMBOLS

- Fault; dashed where inferred; bar and ball on down thrown side
- Fault, movement unspecified; dashed where inferred
- Thrust fault, sawteeth on the upper plate; dashed where inferred
- San Juan and Thirty-Nine Mile volcanic and intrusive field boundaries
- Structure contour on top of Precambrian basement rock in feet above or below (-) sea level. Contour interval varies; thicker lines at 5,000-foot intervals
- Well drilled to Precambrian basement rocks
- Well in Lower Paleozoic at total depth (selected representation)

FIELD RANKINGS

Rank	Field Name	Cum. Prod. MCFG ⁸
1	Wattenberg area ^{3,10}	1,564,861,498
2	Ignacio Blanco	1,548,640,331
3	Dragon Trail area ⁴	474,419,322
4	Hiawatha area ⁵	338,196,403
5	Powder Wash	246,503,419
6	Piceance Creek	231,944,292
7	Barker Dome	107,720,892
8	Sugar Loaf	72,294,462
9	Eckley area ⁶	71,690,350
10	South Canyon area ⁷	68,038,416
11	McClave	59,051,034
12	Divide Creek	57,510,240
13	Rulison	34,198,425
14	Parachute	32,343,540
15	Alkali Gulch	32,043,860
16	Vilas	30,727,148
17	Plateau	28,062,960
18	Walsh	27,126,863
19	Grand Valley	26,826,665
20	Beecher Island	26,824,274
21	Longbranch	23,678,335
22	Roggen	22,876,521
23	Andys Mesa	20,879,555
24	Spruce Gulch	20,750,572
25	Craig North	20,177,751
26	Greenwood	19,599,690
27	White River	18,888,845
28	Thornburg	17,985,364
29	Lilli	17,659,121
30	Bonny	15,141,881
31	DeNova	15,110,660
32	Winter Valley	14,956,142
33	Chieftain	14,557,905
34	Lisbon Southeast	13,969,288
35	Flank	13,801,799
36	Westside Canal	12,688,559
37	Playa	12,650,232
38	Little Hoot	12,560,508
39	Midway	12,259,350
40	Valley	10,859,083
41	Armstrong	10,700,531
42	Waite Lake	10,573,521
43	Deer Trail	10,134,829
44	Wagon Trail	9,887,924

Field locations modified from:
Smith, J. et al., 1991, Oil and gas fields map of Colorado: Colorado Geological Survey Map Series 26, scale 1:500,000.

Outcrop configuration modified from:
Tweto, Ogden, 1979, Geologic map of Colorado: U.S. Geological Survey, scale 1:500,000.

Green, Gregory, 1992, Digital geologic map of Colorado: U.S. Geological Survey, Open File Report 92-0507.

REFERENCES

Oil and gas production statistics derived from:
Colorado Oil and Gas Conservation Commission files and publications.

Structural contours based on:
Petroleum Information well records.

Miscellaneous published information:
MacLachlan, J.C. and Kleinkopf, M.D., eds., 1969, Configuration of the crystalline basement rocks of Colorado: Rocky Mountain Association of Geologists, scale 1:500,000.

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Rank	Field Name	Cum. Prod. MCFG ⁸
45	Rock Creek	9,589,654
46	Lost Creek	9,234,513
47	Totum	8,947,987
48	Canadian River	8,749,451
49	Gasaway	8,633,815
50	Quail	8,497,207
51	Barrel Springs	8,192,689
52	Hunters Canyon	7,890,447
53	Blue Gravel	7,441,038
54	Beal Creek	7,254,272
55	Bar X	7,252,014
56	Garnes	7,252,014
57	Park Mountain	7,242,590
58	Buzzard Creek	6,923,618
59	Lay Creek	6,884,974
60	Sulphur Creek	6,467,993
61	Young	6,346,670
62	Doubletree	6,068,173
63	Buckskin	5,834,613
64	Horsetail	5,811,432
65	Stonington	5,774,000
66	Pardoni	5,706,137
67	Republican	5,598,290
68	Krauthed	5,596,652
69	Big Hole	5,538,765
70	Mildred	5,383,790
71	Shell Creek	5,361,163
72	Taiga Mountain	5,297,319
73	Beta	5,217,314
74	Clyde	5,206,356

Rank	Field Name	Cum. Prod. BO ⁹
1	Rangely ¹¹	808,455,175
2	Wilson Creek	84,579,425
3	Adena	63,946,297
4	Iles	19,115,257
5	Plum Bush Creek	18,854,389
6	Little Beaver	17,452,297
7	Florence-Canon City	15,190,420
8	Arapahoe	13,979,182
9	Graylin NW	13,583,086
10	Peoria	12,785,708
11	Maudlin Gulch	11,730,505
12	Pierce	11,428,216
13	Sorrento	10,994,360
14	Brandon	10,969,418
15	Black Hollow	10,773,497
16	Yenter	10,433,971
17	Mount Pearl	9,825,272
18	Moffat	9,503,783
19	Wellington	8,112,701
20	Mount Hope	7,030,749
21	Bobcat	6,841,374
22	Price Gramps	6,774,540
23	Badger Creek	6,449,343
24	Rush Willadel	6,328,958
25	Cliff	6,016,154
26	Bison	5,813,495
27	Lewis Creek	5,421,310
28	Papoose Canyon	5,403,301
29	Fort Collins	5,322,229
30	Cheyenne Wells	4,693,243
31	Divide	4,458,185
32	Buck Peak	4,332,479
33	Merino	4,315,378
34	Cache	4,311,374
35	Little Beaver East	4,270,020
36	Padroni West	4,231,246
37	Lindon	4,069,415
38	Lanyard	4,058,980
39	Sand River	4,036,513
40	Danforth Hills	4,014,974
41	West Fork	3,696,279
42	Swan	3,339,404
43	McClean	3,306,100
44	Nile	3,248,997
45	Frontera	3,205,775
46	Loveland	3,064,810
47	Tow Creek	3,010,619
48	Keji	2,987,855
49	Tree Tree	2,972,078
50	Battleship	2,965,537
51	Blade	2,901,111
52	Akron East	2,747,851
53	Boxer	2,692,818
54	Rago North	2,686,543
55	Saber	2,679,892
56	Xenia West	2,647,222
57	Mount Hope East	2,576,214
58	Phegley	2,570,737
59	Atwood East	2,486,634
60	Nugget	2,480,961
61	Lone Pine	2,478,213
62	Floodine Park	2,437,858
63	Campano	2,285,949
64	Cimarron	2,285,889
65	Minto	2,277,497
66	Hyde	2,270,637
67	Pawnee Creek	2,224,990
68	McCallum	2,217,796

¹ Field boundaries are approximate and do not distinguish between different producing field pools.

² Individual fields whose gas-oil ratio (GOR) exceeds 6,000 standard cubic feet per stock tank barrel (SCF/STB) are classified as gas fields. Fields with GORs less than 6,000 SCF/STB are classified as oil fields.

³ The Wattenberg area gas field on this map includes the Colorado Oil and Gas Conservation Commission's (OGCC) Wattenberg, Spindie, Hambert, Aristocrat, Eaton, Bracwell, Kersey, Greeley, Banner Lakes, Jamboree, Third Creek, Tampa and Trapper field areas.

⁴ The Dragon Trail area gas field includes the OGCC's Dragon Trail, North Douglas Creek, Philadelphia Creek, Lower Horse Draw, Cathedral, Douglas Creek, Texas Mountain, Douglas Creek South, Trail Canyon, Thunder, West Douglas Creek, Foundation Creek, Twin Buttes, Bayler Pass, and Rangely Southwest field areas.

⁵ The Hiawatha area gas field includes the OGCC's Hiawatha and West Hiawatha field areas.

⁶ The Eckley area gas field includes the OGCC's Eckley, Waverly, and Old Baldy field areas.

⁷ The South Canyon area gas field includes the OGCC's South Canyon, Bar X, and Bridle field areas.

⁸ Cumulative production of thousands of cubic feet of gas (MCFG) as of December 1994.

⁹ Cumulative production in barrels of oil (BO) as of December 1994.

¹⁰ The Wattenberg area gas field production of 110,474,114 BO makes it the State's second largest oil producer.

¹¹ The Rangely oil field production of 739,330,085 MCFG makes it the State's third largest gas producer.