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

Map Series 36
Oil and gas fields map of the Greater Green River Basin and Overthrust Belt

MS-36

EXPLANATION

PREDOMINANT AGE OF PRODUCTIVE ROCKS

- TERTIARY
- UPPER CRETACEOUS
- LOWER CRETACEOUS
- JURASSIC-TRIASSIC
- PERMIAN-PENNSYLVANIAN
- MISSISSIPPIAN-DEVONIAN-ORDOVICIAN-CAMBRIAN

FIELD DESIGNATIONS

(A)	Abandoned field	(HS)	Hydrogen sulfide
(D)	Produced water disposal project	(S)	Gas or LPG storage
(G)	Gas injection project	(SI)	Shut-in field
(H)	Hydrothermal (steam) injection project	(T)	Tertiary project
(HO)	Heavy oil - less than 20° API gravity	(W)	Waterflood project
		(CM)	Coalbed methane

FIELDS

(New fields are spotted through March 1, 1991. Field boundaries are approximate.)

Green denotes fields that primarily produce oil.

Red denotes fields that primarily produce gas.

Blue denotes fields that produce significant amounts of both oil and gas.

UNDIFFERENTIATED PRECAMBRIAN ROCKS EXPOSED AT THE SURFACE

INDEX OF PRODUCTIVE FORMATIONS

TERTIARY
- Tw Wasatch Formation
- Twk Knight Formation[1]
- Tfu Fort Union Formation
- Tu Almy Formation[1]

UPPER CRETACEOUS
- Kl Lance Formation
- Kle Lewis Shale
- Kmv Mesaverde Group
- Kal Almond Formation
- Ke Ericson Sandstone
- Kr Rock Springs Formation
- Kbl Blair Formation
- Kh Hilliard Shale
- Kba Baxter Shale
- Ks Steele Shale
- Ksh Shannon Sandstone
- Kn Niobrara Formation
- Kf Frontier Formation

LOWER CRETACEOUS
- Ka Aspen Shale
- Kmr Mowry Shale
- Kmd Muddy Sandstone
- Khr Bear River Formation
- Kcv Cloverly Formation
- Kd Dakota Sandstone[1]
- Kla Lakota Sandstone

CRETACEOUS/JURASSIC
- KJg Gannet Group

[1]Formation name extended from neighboring states, not formally recognized in Wyoming, or not commonly used in Wyoming.

(Both abandoned and currently producing formations are shown for each field)

JURASSIC/TRIASSIC
- J'Jn Nugget Sandstone

TRIASSIC
- T'Ta Ankareh Formation
- T'tt Thaynes Limestone
- T'tc Chugwater Group
- T'rr Red Peak Formation
- T'rd Dinwoody Formation

PERMIAN
- Pp Phosphoria Formation

PENNSYLVANIAN
- Ppo Morgan Formation
- Pw Weber Sandstone
- Pt Tensleep Sandstone

PENNSYLVANIAN/MISSISSIPPIAN
- PMa Amsden Formation

MISSISSIPPIAN
- Md Darwin Sandstone
- Mm Madison Limestone

ORDOVICIAN
- Oth Bighorn Dolomite

CAMBRIAN
- Cf Flathead Sandstone

PRECAMBRIAN
- PC

(Kf) Formations which produce heavy oil are enclosed with parentheses.

[Mm] Formations which produce significant hydrogen sulfide are enclosed with brackets.

EASTERN BOUNDARY OF OVERTHRUST BELT.

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LOCATION MAP

N

5 0 5 Miles
5 0 5 Kilometers
Scale 1:316,800

Greater Big Piney - LaBarge area

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OIL AND GAS FIELDS MAP OF THE GREATER GREEN RIVER BASIN AND OVERTHRUST BELT, SOUTHWESTERN WYOMING

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