

DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

Catalog of Idaho and Nevada Cores Housed  
at the USGS Core Repository,  
Denver, Colorado

By

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Open-File Report 86-355

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

<sup>1</sup>Denver, Colorado

1986

## INTRODUCTION

This report, compiled in December, 1985, catalogs the seven cores from the state of Idaho and the two cores from the state of Nevada that are housed at the U.S. Geological Survey Core Library. This computer-generated list provides the location, county, operator, well name, type, minimum depth, maximum depth, formation, and library number of each core. All cores in this compilation are listed in order of township, range, and section.

The Library's computer system has the additional capability of generating custom print-outs that are sorted by formation, geologic age, geographic location, operator, or any combination of these parameters. Parties may request custom sorted print-outs by telephone during working hours, or by letter.

All information contained in this core listing has been supplied to the U.S. Geological Survey by the well operator or commercial well-information company. Although this information is assumed to be accurate and correct, it is the responsibility of parties using this print-out to verify all information contained herein. The U.S. Geological Survey makes no guarantee (either stated or implied) as to information accuracy.

To facilitate the examination of cores, a well lighted core-examination room is provided for Library visitors. Binocular microscopes, standard testing chemicals, a photo stand, and a small reference library are available in the core-examination room. A collection of approximately 6,000 thin sections is also available for study at the repository. Due to limited space for core examination, users should make an appointment prior to visiting the Core Library.

The Core Library encourages the preservation of cores at the Denver area repository, and at public facilities across the United States. Parties interested in donating material to the U.S. Geological Survey Core Library should contact the repository prior to the shipment of samples.

## GENERAL INFORMATION

### Name, Mailing Address, Telephone

U.S. Geological Survey  
Core Library  
Box 25046 Mail Stop 975  
Denver Federal Center  
Denver, CO 80225  
(303)236-1930

### Location or Shipping Address

5293 Ward Road, Building A  
Arvada, CO 80002  
(Address change likely by 1987)

### Hours

8:30-4:30  
Monday through Friday  
Appointment necessary

### Catalog

Core information is on index cards and a computer data base, and includes the location, formation name, depth, type of sample, footage represented, and operator. Individual state catalogs are in preparation. A computer search can be made by catalog parameters singly or in combination. Call for details.

### Additional Information Available

Photographs, analyses and thin sections (both limited in number).

### Collection Size

Core: 4,700 locations  
Thin Sections: 6,000 slides

### Purpose of Wells (Holes)

Oil and gas: 85 percent  
Oil shale: 10 percent  
Coal: 3 percent  
Mining: 2 percent

### Area Represented by Core

Wyoming: 44 percent  
Montana: 23 percent  
Colorado: 15 percent  
North Dakota: 7 percent  
Other Western States: 11 percent  
(AZ, CA, ID, KS, NE, NV, NM, OK, SD, UT, WA)

### Facilities and Services

The facility occupies 45,000 square feet in a concrete building with heat, air conditioning, electricity, telephone, and restrooms. The examination room occupies 1,000 square feet and is equipped with binocular and petrographic microscopes, trim saw and plugger, testing chemicals, camera, porosity-permeability equipment (USGS use only), and a small reference library. Retrieval, replacement, slabbing, and trimming of material are provided. Descriptive literature is available.

### Curation Policy

User fees: No  
Sampling of material: If duplicate analyses and thin sections are returned to files.  
Loan of material: No

The facility is accepting oil and gas cores from the Rocky Mountain region, and material of research interest to the USGS. Material can be kept confidential for 1 year. All samples sent to the repository must be labeled as to operator, well name, location, and formation.

The library cannot accept shipments of material on a collect basis.

**IDAHO**  
**ABBREVIATED FORMATION/AGE NAMES**

TCRK - Twin Creek	TMPL - Thermopolis	TRCC - Tertiary - Cretaceous	
ADA-----001	CAMAS-----025	GOODING-----047	NEZ PERCE-----069
ADAMS-----003	CANYON-----027	IDAHO-----049	ONEIDA-----071
BANNOCK-----005	CARIBOU-----029	JEFFERSON-----051	OWYHEE-----073
BEAR LAKE-----007	CASSIA-----031	JEROME-----053	PAYETTE-----075
BENEWAH-----009	CLARK-----033	KOOTENAI-----055	POWER-----077
BINGHAM-----011	CLEARWATER-----035	LATAH-----057	SHOSHONE-----079
BLAINE-----013	CUSTER-----037	LEMHI-----059	TETON-----081
BOISE-----015	ELMORE-----039	LEWIS-----061	TWIN FALLS-----083
BONNER-----017	FRANKLIN-----041	LINCOLN-----063	VALLEY-----085
BONNEVILLE-----019	FREMONT-----043	MADISON-----065	WASHINGTON-----087
BOUNDARY-----021	GEM-----045	MINIDOKA-----067	YELLOWSTONE NATL PAR-----089
BUTTE-----023			

**COUNTY NUMBERS**

**OTHER ABBREVIATIONS**

MIN-----Minimum depth in feet	S-----Slabbed
MAX-----Maximum depth in feet	F-----Full Diameter
	C-----Core Chips

IDAHO

<u>LOCATION</u>	<u>COUNTY</u>	<u>OPERATOR</u>	<u>NAME</u>	<u>TYPE</u>	<u>MIN</u>	<u>MAX</u>	<u>FORMATION</u>	<u>LIBRARY NUMBER</u>
3N 29E 1	23	DEPT OF ENERGY	1 INEL	F	2340 2507 3661 3768 4840 9811 10324	2351 2515 3706 4000 4877 9812 10326	TMPL TMPL TMPL TMPL TMPL TMPL TMPL	S117
10S 46E 20	29	MAY PET INC	1 FEDERAL ELK VALLEY	S	3700	3742	TCRK	A717
14S 26E 33	31	USGS	5 RR INT	F	101	719	TRCC	S118
15S 26E 12	31	USGS	1 RR INT	F	220	1101	TRCC	S119
15S 26E 22	31	USGS	3 RR INT	F	205	1423	TRCC	S120
15S 26E 25	31	USGS	2 RR INT	F	214	792	TRCC	S121
16S 26E 5	31	USGS	4 RR INT	F	63	252	TRCC	S122

NEVADA

ABBREVIATED FORMATION/AGE NAMES

TRIP - Tripon

VINI - Vinini

COUNTY NUMBERS

CHURCHILL-----001	ESMERALDA-----009	LINCOLN-----017	PERSHING-----027
CLARK-----003	EUREKA-----011	LYON-----019	STOREY-----029
DOUGLAS-----005	HUMBOLDT-----013	MINERAL-----021	WASHOE-----031
ELKO-----007	LANDER-----015	NYE-----023	WHITE PINE-----033

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NEVADA

<u>LOCATION</u>	<u>COUNTY</u>	<u>OPERATOR</u>	<u>NAME</u>	<u>TYPE</u>	<u>MIN</u>	<u>MAX</u>	<u>FORMATION</u>	<u>LIBRARY NUMBER</u>
35N 53E 4	7	SWALES MOUNTAIN	2 CORE HOLE	F	10	2543	TRIP	S038
40N 55E 31	7	LADD PET	1-31 FEDERAL	S	6780	6787	VINI	A913