DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

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

By

Thomas C. Michalski and Diana L. Richards\(^1\)

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.

\(^1\)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 plunger, 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

COUNTY NUMBERS

ADA-------------------001  CAMAS-------------------025  GOODING-------------------047  NEZ PERCE-------------------069
ADAMS-------------------003  CANYON-------------------027  IDAHO-------------------049  ONEIDA-------------------071
BANNOCK-------------------005  CARIBOU-------------------029  JEFFERSON-------------------051  OYWHEE-------------------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

OTHER ABBREVIATIONS

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