

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Catalog of Kansas and Oklahoma Cores Housed  
at the USGS Core Repository,  
Denver, Colorado

By

Thomas C. Michalski and Diana L. Richards<sup>1</sup>

Open-File Report 86-125

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

## INTRODUCTION

This report, compiled in December, 1985, catalogs the eighty-five cores from the state of Kansas and the sixteen cores from the state of Oklahoma 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

### 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)	

### 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

### 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.

**KANSAS  
ABBREVIATED FORMATION/AGE NAMES**

ABCK - Arbuckle	CHSE - Chase	KRDR - Krider	OSGE - Osage
ATOK - Atoka	CSTR - Chester	LGKC - Lansing-Kansas City	PWNE - Pawnee
BRVL - Brownville	DGLS - Douglas	LNSG - Lansing	STLS - St Louis
CBNS - Cabaniss	FRRL - Fort Riley	LJRL - Laurel	SWOP - Swope
CCGV - Council Grove	FRSC - Fort Scott	MRRW - Morrow	TWND - Towanda
CHRK - Cherokee	GLMC - Gilmore City	MSSP - Mississippian	UNKN - Unknown
	KDRK - Kinderhook	NBRR - Niobrara	WFLD - Winfield

**COUNTY NUMBERS**

ALLEN-----001	ELLSWORTH-----053	LINCOLN-----105	REPUBLIC-----157
ANDERSON-----003	FINNEY-----055	LINN-----107	RICE-----159
ATCHISON-----005	FORD-----057	LOGAN-----109	RILEY-----161
BARBER-----007	FRANKLIN-----059	LYON-----111	ROOKS-----163
BARTON-----009	GEARY-----061	MCPHERSON-----113	RUSH-----165
BOURBON-----011	GOVE-----063	MARION-----115	RUSSELL-----167
BROWN-----013	GRAHAM-----065	MARSHALL-----117	SALINE-----169
BUTLER-----015	GRANT-----067	MEADE-----119	SCOTT-----171
CHASE-----017	GRAY-----069	MIAMI-----121	SEDGWICK-----173
CHAUTAUQUA-----019	GREELEY-----071	MITCHELL-----123	SEWARD-----175
CHEROKEE-----021	GREENWOOD-----073	MONTGOMERY-----125	SHAWNEE-----177
CHEYENNE-----023	HAMILTON-----075	MORRIS-----127	SHERIDAN-----179
CLARK-----025	HARPER-----077	MORTON-----129	SHERMAN-----181
CLAY-----027	HARVEY-----079	NEMAHA-----131	SMITH-----183
CLOUD-----029	HASKELL-----081	NEOSHO-----133	STAFFORD-----185
COFFEY-----031	HODGEMAN-----083	NESS-----135	STANTON-----187
COMANCHE-----033	JACKSON-----085	NORTON-----137	STEVENS-----189
COWLEY-----035	JEFFERSON-----087	OSAGE-----139	SUMNER-----191
CRAWFORD-----037	JEWELL-----089	OSBORNE-----141	THOMAS-----193
DECATUR-----039	JOHNSON-----091	OTTAWA-----143	TREGO-----195
DICKINSON-----041	KEARNY-----093	PAWNEE-----145	WABAUNSEE-----197
DONIPHAN-----043	KINGMAN-----095	PHILLIPS-----147	WALLACE-----199
DOUGLAS-----045	KIOWA-----097	POTTAWATOMIE-----149	WASHINGTON-----201
EDWARDS-----047	LABETTE-----099	PRATT-----151	WICHITA-----203
ELK-----049	LANE-----101	RAWLINS-----153	WILSON-----205
ELLIS-----051	LEAVENWORTH-----103	RENO-----155	WOODSON-----207
			WYANDOTTE-----209

**OTHER ABBREVIATIONS**

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

**KANSAS**

<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>
2S 28W 30	39	BOLYARD OIL & GAS	1 VOTOPKA	F	3670	3700	LNSG	R983
3S 36W 21	153	JAMES DILLIE	C-2 H CAHOJ	S	4590 4600 4622	4600 4622 4690	PWNE FRSC CHRK	C641
7S 17W 20	163	O'HARE OIL	4 KRILEY EAST	F	3238	3299	ABCK	S593
7S 42W 11	181	PLAINS RESOURCES	1 SCHOCK ERRINGTON	S	1570 2065 2301	1840 2098 2355	NBRR NBRR NBRR	B518
9S 32W 23	193	FIRST ENERGY CORP	18-23 F GESENHUES TRUST	S	4280	4340	LGKC	C927
10S 31W 25	193	FIRST ENERGY CORP	24-25 D BIXENMAN	S	4378 4398	4398 4410	MRMN PWNE	R501
10S 31W 25	193	FIRST ENERGY CORP	32-35 BIXENMAN	S	4110 4309 4374	4243 4374 4394	LNSG MRMN PWNE	R496
10S 31W 25	193	FIRST ENERGY CORP	68-25 SUMMERS	S	3965 3972 4110	3972 4050 4212	HBNR LNSG LNSG	R495
10S 31W 25	193	FIRST ENERGY CORP	42-25 SUMMERS	S	4139 4242 4555	4198 4264 4576	LGKC	R493
10S 31W 25	193	FIRST ENERGY CORP	42-25 D BIXENMAN	S	4226 4252	4252 5285	LNSG PLSN	R487

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10S 31W 25	193	FIRST ENERGY CORP	22-25 D BIXENMAN	S	4238 4259	4259 4277	LNSG PLSN	R484
10S 31W 25	193	FIRST ENERGY CORP	72-25 B BIXENMAN	S	4096	4154	LNSG	R475
10S 31W 25	193	FIRST ENERGY CORP	43-25 BIXENMAN	S	4048	4081	LGKC	R667
11S 18W 16	51	AMERICAN HUNTER	1 WASINGER	S	3450	3480	ABCK	S921
12S 38W 9	193	FIRST ENERGY CORP	22-9 C G SWEAT	S	3948 4120	4008 4178	LNSG LNSG	R509
12S 38W 9	199	FIRST ENERGY CORP	21-9(40) RICHARD F GARVEY	S	4683	4725	MRRW	C924
15S 40W 3	199	FIRST ENERGY CORP	35-3 HEISE	F	4950	5000	MRRW	R672
16S 43W 11	71	TEXAS O&G CORP	2 EVANS E	S	5156	5198	MRRW	B637
16S 432 12	71	TXO PRODUCTION CORP	1 WHITE AB	S	5143	5201	MRRW	C736
16S 43W 12	71	TXO PRODUCTION CORP	6 GARRISON A	S	5142	5201	MRRW	C690
17S 10W 34	53	DAKOTA RESOURCES INC	2 MILLER	F	3280	3337	ABCK	S063
17S 33W 35	171	ANADARKO PROD CO	A-1 FRICK	S	4698	4777	ATOK	C815
18S 21W 21	135	ANADARKO PROD CO	A-1 WEGELE	S	4213 4275 4311	4265 4311 4316	CHRK CHRK CHRK	R996
18S 23W 13	135	ANADARKO PROD CO	A-1 ENDICOTT	F	4264	4324	CHRK	R225
18S 23W 32	135	ANADARKO PROD CO	A-1 HAWKINSON	S	4432	4490	GLMC	B993

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19S 10W 6	159	LADD PET	A-5 MANKE	S	2895 3070 3215	2955 3100 3242	DGLS LGKC LGKC	C506
19S 10W 6	159	LADD PET	6 KAWOLSKI	F	3083 3222	3113 3252	LGKC LGKC	R404
19S 19W 14	165	ANADOR	1-14 SCHULTZ	S	2277 2328 2394 2436	2328 2394 2436 2457	KRDR WFLD TWND FRRL	B556
19S 19W 34	165	ANADOR	1-34 SCHULTZ	S	2277 2320 5424	2320 2422 5459	KRDR WFLD TWND	R269
20S 18W 11	145	ANADOR	1-11 BUCKMAN	S	2158 2212 2272 2320	2212 2272 2320 2329	KRDR WFLD TWND FRRL	B557
20S 34W 23	171	ANADARKO PROD CO	E-1 CHRISIT	S	4724	4838	MRRW	C816
21S 18W 8	145	ANADOR	1-8 BRYANT	S	2130 2179 2204 2266	2155 2204 2224 2445	KRDR WFLD TWND TWND	R254
21S 19W 14	145	BENSON MINERAL GROUP	1-14 COLEMAN	S	2171 2227 2296	2187 2243 2312	KRDR WFLD TWND	B553
21S 20W 17	145	ANADOR	1-17 THOMPSON	S	2190 2251 2315	2210 2265 2333	KRDR WFLD TWND	B554

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23S 32W 28	55	AMOCO	1 CONGDON	S	4750	4840	STLS	B099
23S 37W 29	93	AMOCO	2 MILES GAS UNIT	S	2885	3109	CCGV	A683
24S 37W 15	93	AMOCO	B-3 DOTSON GAS UNIT	S	2754	2878	CCGV	A696
25S 38W 20	93	AMOCO	E-2 EDNA MAY BEATTY	S	2608	2878	CCGV	B110
25S 39W 27	75	AMOCO	1 ENGLERT	S	2440	2558	CHSE	B139
26S 16W 15	47	BENSON MINERAL GROUP	A-15 WOOD A	S	4422	4446	KDRK	B454
26S 21W 15	55	ANADARKO PROD CO	A-1 ARDERY	S	5966	6008	ABCK	R247
26S 39W 13	75	AMOCO	2 FINNUP	S	2760	2978	CCGV	S922
26S 39W 34	75	AMOCO	2B FEGAN	S	2631	2831	CCGV	S923
26S 40W 31	75	AMOCO	1 COMBS	S	2315	2437	CHSE	B074
27S 31W 9	81	ANADARKO PROD CO	1 HUMBLE C	S	5028	5069	MRRW	A721
27S 41W 36	187	AMOCO	2L R-C E CROSS	S	2431	2557	CCGV	B128
29S 22W 10	57	SAMUEL GARY OIL PROD	10-7 HOENER	S	5240	5285	MSSP	S033
29S 39W 7	187	AMOCO	2-A MONTGOMERY UNIT	S	2557	2842	CCGV	S924
29S 40W 5	187	AMOCO	1 ARNOLDS	S	2581	2695	CHSE	B147
29S 41W 35	187	AMOCO	1 H L CULLERS	S	2610	2730	CCGV	B285
30S 39W 8	187	AMOCO	2 LUKE GAS UNIT	S	2588	2871	CCGV	S925



**KANSAS**

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31S 43W 5	129	HRUBETZ OIL CO	1-5 SIPES	S	4928	4963	ATOK	S073
31S 43W 16	129	HRUBETZ OIL CO	1-16 SIPES	F	5090	5120	LURLL	R340
31S 43W 24	129	HRUBETZ OIL CO	1-24 RUSSELL	S	4803	4847	MRRW	S071
33S 20W 21	33	SAMUEL GARY OIL PROD	21-5 SCHEUFLER	S	4804	4830	SWOP	R998
33S 34W 3	175	ANADARKO PROD CO	G-7 HITCH	S	6160	6276	CSTR	R258
33S 34W 3	175	ANADARKO PROD CO	A-1 MCHARGUE	S	6070	6130	CSTR	S915
33S 34W 3	175	ANADARKO PROD CO	G-11 HITCH	S	6100	6159	CSTR	S926
33S 34W 3	175	ANADARKO PROD CO	G-8 HITCH	F	6122	6230	CSTR	S918
33S 34W 3	175	ANADARKO PROD CO	G-5 HITCH	S	6182	6223	STLS	R986
33S 34W 3	175	ANADARKO PROD CO	4 HITCH G	S	6097	6153	CSTR	R985
33S 34W 19	175	ANADARKO PROD CO	1 GUTTRIDGE C	S	6252	6299	CSTR	B089
33S 34W 20	175	ANADARKO PROD CO	D-2 GUTTRIDGE	S	6235	6237	CSTR	B282
33S 34W 22	175	ANADARKO PROD CO	A-4 COSGROVE	S	6250	6275	CSTR	R283
33S 34W 22	175	ANADARKO PROD CO	A-3 COSGROVE	S	6181	6230	STLS	R318
33S 34W 22	175	ANADARKO PROD CO	B-1 ETZOLD	S	6242	6294	CSTR	B283
33S 34W 29	175	ANADARKO PROD CO	A-4 FINCHAM	S	6234	6282	CSTR	B304
33S 34W 29	175	ANADARKO PROD CO	D-2 FINCHAM	S	6246	6274	CSTR	B284

**KANSAS**

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33S 34W 29	175	ANADARKO PROD CO	1 GUTTRIDGE B	S	6208	6312	CSTR	B098
33S 34W 32	175	ANADARKO PROD CO	A-1 REEVER	S	6360	6390	CSTR	R273
33S 37W 19	189	ANADARKO PROD CO	1 NELL A	S	6036	6108	MRRW	B311
33S 38W 10	189	ANADARKO PROD CO	A-2 GASKILL	S	6002	6076	MRRW	B648
33S 40W 6	129	ANADARKO PROD CO	1 LOW G	S	5357	5394	MRRW	A722
33S 40W 9	129	ANADARKO PROD CO	C-2 DAVIDSON	S	5796	5847	STLS	B322
33S 40W 30	129	ANADARKO PROD CO	E-1 CHEROKEE	S	5769	5824	STLS	R274
33S 44W 12	129	ANADARKO PROD CO	B-1 CHEROKEE	S	5499	5557	STLS	B321
34S 32W 18	175	ANADARKO PROD CO	6-2 CONDIT	S	6219	6269	CSTR	R988
34S 40W 27	129	ANADARKO PROD CO	A-1 BUDDRUS	S	6473	6506	STLS	R275
26S 16E 16	207	ANGUS OIL & GAS	1529 EAST ROSE FIELD UNIT	S	1103	1146	CBNS	C186
26S 16E 16	207	ANGUS OIL & GAS	1628 EAST ROSE FIELD UNIT	S	1084	1159	CBNS	C187
26S 16E 16	207	ANGUS OIL & GAS	1428 EAST ROSE FIELD UNIT	S	1120	1189	CBNS	C185
29S 4E 23	15	KENNEDY & MITCHELL	8 BLOOD	F	2820	2857	BRVL	S424
29S 4E 23	15	KENNEDY & MITCHELL	7 BLOOD	F	2820	2857	BRVL	SI52
29S 4E 23	15	KENNEDY & MITCHELL	9 BLOOD	F	2831	2856	BRVL	R739
32S 1E 18	191	ANADARKO PROD CO	4 RUSK A	S	3779	3796	OSGE	A723

**OKLAHOMA**  
**ABBREVIATED FORMATION/AGE NAMES**

CCGV - Council Grove	CSTR - Chester	MRMN - Marmaton	UNKN - Unknown
CGV - Cottage Grove	HDGS - Hodges	MRRW - Morrow	WDFD - Woodford
CPPL - Chappel	KSSC - Kansas City	RDFK - Red Fork	

**COUNTY NUMBERS**

ADAIR-----001	DELAWARE-----041	LINCOLN-----081	PITTSBURG-----121
ALFALFA-----003	DEWEY-----043	LOGAN-----083	PONTOTOC-----123
ATOKA-----005	ELLIS-----045	LOVE-----085	POTTAWATOMIE-----125
BEAVER-----007	GARFIELD-----047	MCCLAINE-----087	PUSHMATAHA-----127
BECKHAM-----009	GARVIN-----049	MCCURTAIN-----089	ROGER MILLS-----129
BLAINE-----011	GRADY-----051	MCINTOSH-----091	ROGERS-----131
BRYAN-----013	GRANT-----053	MAJOR-----093	SEMINOLE-----133
CADDO-----015	GREER-----055	MARSHALL-----095	SEQUOYAH-----135
CANADIAN-----017	HARMON-----057	MAYES-----097	STEPHENS-----137
CARTER-----019	HARPER-----059	MURRAY-----099	TEXAS-----139
CHEROKEE-----021	HASKELL-----061	MUSKOGEE-----101	TILLMAN-----141
CHOCTAW-----023	HUGHES-----063	NOBLE-----103	TULSA-----143
CIMARRON-----025	JACKSON-----065	NOWATA-----105	WAGONER-----145
CLEVELAND-----027	JEFFERSON-----067	OKFUSKEE-----107	WASHINGTON-----147
COAL-----029	JOHNSTON-----069	OKLAHOMA-----109	WASHITA-----149
COMANCHE-----031	KAY-----071	OKMULGEE-----111	WOODS-----151
COTTON-----033	KINGFISHER-----073	OSAGE-----113	WOODWARD-----153
CRAIG-----035	KIOWA-----075	OTTAWA-----115	
CREEK-----037	LATIMER-----077	PAWNEE-----117	
CUSTER-----039	LE FLORE-----079	PAYNE-----119	

**OTHER ABBREVIATIONS**

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

OKLAHOMA

<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>
1N 13E 20	139	AMOCO	2 BURROWS GAS UNIT D	S	3064 3071	3071 3119	CCGV CCGV	S106
1N 23E 9	7	PETRO LEWIS	2-9 CATES	S	7761	7796	MRRW	C867
1N 23E 16	7	PETRO LEWIS	1-16 GEORGIA E CUSTER	S	7767	7803	MRRW	C866
4N 12E 24	139	ANADARKO PROD CO	B-1 NICHOLS	S	6120	6136	MRRW	B303
4N 14E 29	139	ANADARKO PROD CO	B-1 1ST NATL BANK OF KS CITY	S	6103	6140	MRRW	B302
4N 26E 1	7	HOME PET	2-1 GLADYS	S	5800	5848	KSSC	R317
5N 12E 10	139	ANADARKO PROD CO	A-4 BLOWEY	S	5986	6005	MRRW	B281
5N 21E 23	7	ANADARKO PROD CO	A-2 DORMAN	S	5233 5340 5362 5570	5267 5362 5376 5615	KSSC HDGS HDGS MRMN	S107
6N 13E 20	139	ANADARKO PROD CO	4-4 EPMG	F	6395 6455	6428 6467	MRRW MRRW	S108
11N 3E 7	125	QUINTANA PET	1-7 MATLOCK	F	5079	5084	RDFK	R568
16N 19E 24	139	ANADARKO	B-1 APSLEY	S	6702	6753	CSTR	C239
21N 23W 19	45	AMOCO	1 H H TAYLOR	S	7330	7406	CGGV	B145
22N 24W 32	45	AMOCO	1 MAUDE C COFFIELD	S	6991	7003	CGGV	S109
22N 24W 33	45	AMOCO	1 TIFFIN UNIT	F	6955	7035	CGGV	S199

OKLAHOMA

<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>
27N 16W 27	151	IRES CORP	1 OLIE SMITHSON	S	6490	6525	WDFD	S788
1S 24W 35	65	TOM BROWN INC	1-35 THOMPSON	S	8519	8550	CPPL	S110