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STATE CORPORATION COMMISSION

JUN 06 1984

CONSERVATION DIVISION  
Wichita, Kansas

CORE ANALYSIS REPORT

FOR

KINDERHOOK OIL AND GAS COMPANY  
HODGES NO. 1 WELL  
DOUGLAS COUNTY, KANSAS

jm  
K65

NW NW NE NE  
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JUL 27 1984  
State Geological Survey  
WICHITA BRANCH

107

CORE LABORATORIES, INC.  
*Petroleum Reservoir Engineering*  
TULSA, OKLAHOMA

April 17, 1984

REPLY TO  
7304 EAST 38TH STREET  
TULSA, OKLAHOMA  
74145

Kinderhook Oil and Gas Co.  
Box 906 RR 2  
Waukee, Iowa 50262

Attention: Mr. James L. Christiansen

Subject: Core Analysis Data  
Hodges No. 1 Well  
Douglas County, Kansas  
CLI File 3408-840062

Gentlemen:

Cores taken in the subject well in the Squirrel Sand formation were received at the Tulsa laboratory for special analytical testing described on the Procedure Page.

Tabular presentation of the measured physical properties may be found on page one of this report.

It is a pleasure to have this opportunity of serving you.

Very truly yours,

CORE LABORATORIES, INC.

*J. Michael Edwards*

J. Michael Edwards  
District Manager

JME:MCH:jeh

10 cc-Addressee

JUL 27 1984

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81  
Kinderhook Oil and Gas Co.  
Hodges No. 1 Well  
CLI Filed 3408-840062

Procedure Page

#### Handling and Analytical Procedures

Diamond coring equipment and water were used to obtain 2-1/8 inch diameter cores between 771.0 and 773.0 feet.

The cores were preserved at the well site in plastic bags by client representative.

The cores were transported to Tulsa by motor freight.

Plug analysis was made in intervals requested.

Fluid removal was accomplished by high temperature retorts.

Porosity was determined by summation-of-fluids technique.

Horizontal air permeability on plugs measured without Klinkenberg correction.

Temporary storage of cores in Tulsa laboratory awaiting additional instructions.

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CORE LABORATORIES, INC.  
 Petroleum Reservoir Engineering  
 DALLAS, TEXAS

Page 1

KINDERHOOK OIL AND GAS  
 HODGES NO. 1 WELL  
 WILDCAT FIELD  
 DOUGLAS COUNTY, KANSAS

DATE: 4-17-84  
 FORMATION: SQUIRREL  
 DRLG. FLUID: WATER  
 LOCATION:

FILE NO: 3408-340062  
 ENGINEER: HUDSON  
 ELEVATION:

SMP. NO.	DEPTH	PERM. TO AIR MD. PLUG	POROSITY PERCENT	FLUID SATS. OIL	WTR.	S <sub>g</sub>	DESCRIPTION
ROUTINE PLUG SUMMATION OF FLUIDS							
1	771.0-72.0	9.2	18.3	35.1	35.1	29.6	SD, SL/SLTY, SL/CALC MICA
2	772.0-73.0	6.6	17.0	26.1	45.4	28.2	SD, SL/SLTY, CALC, MICA W/SH LAM

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 WICHITA BRANCH  
 JUL 27 1984

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P1

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COMPANY: KINDERHOOK  
WELL: HODGES NO. 1  
COUNTY, STATE: DOUGLAS COUNTY, KANSAS  
CLI FILE NO: 3408-840062

CALCULATED STOCK TANK BARRELS PER ACRE FOOT, IN PLACE, FROM THE SUBJECT WELL ARE LISTED BELOW.

<u>DEPTH</u>	<u>S.T.B./A.F.</u>
771-72	877
772-73	686

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