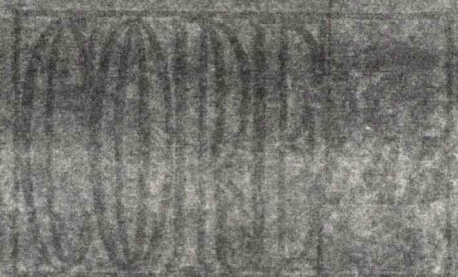


CORE ANALYSIS REPORT

FOR

TEXAS OIL & GAS CORPORATION
GIBSON NO. C-1 WELL
BARBER COUNTY, KANSAS



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

OKLAHOMA CITY, OKLAHOMA

February 3, 1983

REPLY TO
SUITE 133
400 SOUTH VERMONT
OKLAHOMA CITY, OK
73108

Texas Oil & Gas Corporation
Suite 300
200 W. Douglas
Wichita, Kansas 67202

Attn: Mr. Hal Brown

Subject: Core Analysis Data
Gibson No. C-1 Well
Barber County, Kansas
CLI File 3402-11562

Gentlemen:

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

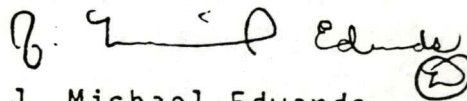
The accompanying Coregraph presents the Surface Core-Gamma Log and binomially averaged core analysis data in graphical form to aid correlation with downhole electrical surveys.

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

District Manager

7 cc - Addressee

CO
WE
FIE
CO
LO

Texas Oil & Gas Company
Gibson No. C-1 Well
CLI File 3402-11562

Procedure Page

Handling and Analytical Procedures

Diamond coring equipment and water base mud were used to obtain 4.0 inch diameter cores between 4,406.0 and 4,435.0 feet.

The cores were preserved at the well site in a CO₂ atmosphere by CLI personnel.

The cores were transported to Oklahoma City by CLI personnel.

A Core-Gamma Log was recorded for downhole electric log correlation.

Core analysis was made in the intervals requested on right cylinder full diameter samples.

Fluid removal was accomplished using vacuum retorts.

Porosity was determined by density balance method.

Air permeability in two horizontal directions was measured without Klinkenberg correction.

Temporary storage of cores in Oklahoma City laboratory for a period of thirty days without additional charge.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE 1

TEXAS OIL & GAS CORPORATION
 GIBSON NO. C-1 WELL
 BARBER COUNTY, KANSAS

DATE: 2-3-83
 FORMATION: CHEROKEE SAND
 DRLG. FLUID: WATER BASE MUD
 LOCATION: SEC. 20-30S-15W

FILE NO: 3402-11562
 ANALYST: EDWARDS
 LABORATORY: OKLAHOMA CITY

FULL DIAMETER ANALYSIS

SMP. NO.	DEPTH FEET	PERM. TO AIR MD.		POROSITY PERCENT	FLUID SATS.		GRAIN DEN.	DESCRIPTION
		MAXIMUM	90 DEG.		OIL	WATER		
	4406.0-11.0							
	4411.0-20.0							LM,DSE,SHY,VF
	4420.0-22.0							LM,DSE,SHY
	4422.0-27.0							SH
1	4427.0-28.0	0.73	0.38	5.1	23.7	31.6	2.70	LM,DSE,SHY
	4428.0-34.0							SD,SLTY,SL/DOL,SHY
								SH
	4434.0-4435.0	LOST CORE						

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering

OKLAHOMA CITY, OKLAHOMA

February 3, 1983

REPLY TO
SUITE 133
400 SOUTH VERMONT
OKLAHOMA CITY, OK
73108

Texas Oil & Gas Corporation
Suite 300
200 W. Douglas
Wichita, Kansas 67202

Attn: Mr. Hal Brown

Gentlemen:

Core Laboratories, Inc., Oklahoma City, has previously provided core storage space at no charge to our clients. During the last year our need for space became acute and many clients have been forced to rent storage in "mini-storage" warehouses. However, these spaces are expensive, difficult to maintain, and have limited accessibility.

In an effort to solve these problems, we are instituting a new core storage program effective May 1, 1982. Additional space adjoining our present facility has been leased and prepared specifically for core storage. There will be a monthly charge for handling, maintenance and storage based on the amount of core involved.

Please contact us within 30 days of receiving your final report so that we may make arrangements to store your core, ship it to another location or donate it to one of the university geological surveys.

We believe this program will eliminate most of the problems associated with core storage and enable us to serve our clientele more efficiently in the future. If you have any questions regarding this program, please do not hesitate to contact us (405-946-5422).

Very truly yours,

CORE LABORATORIES, INC.



Michael S. Wahl
Laboratory Supervisor

COMPANY TEXAS OIL & GAS CORPORATION

FILE NO. 3452-11502

WELL WILSON NO. 2-1 WELL

DATE 2-4-53

FIELD

FORMATION CHEROKEE SAND

ELEV.

COUNTY WHEELER

STATE KANSAS

DRUG FLD. WATER BASE

CORES

LOCATION SEC. 23-34-15N

CORRELATION COREGRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc., (all errors or omissions excepted), but Core Laboratories, Inc., and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or land in connection with which such report is used or relied upon.

VERTICAL SCALE: 5" = 100'

GEOLOG. FILE

Gamma Ray

RADIATION INCREASE →

Permeability

MILLIDARCIES

Porosity

PERCENT

Total Water

PERCENT PORE SPACE

100 80 60 40 20

Oil Saturation

PERCENT PORE SPACE

0 20 40 60 80

