CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
OKLAHOMA CITY, OKLAHOMA

REPLY TO
SUITE 133
400 SOUTH VERMONT
OKLAHOMA CITY, OKLA.
73108

May 16, 1980

Tideway Oil Company
P. O. Box 92
Jackson, Mississippi 39205

Attn: Mr. Marvin Oxlay

Subject: Core Analysis Data
Beauchamp No. 1 Well
Stanton County, Kansas
CLI File 3402-10093

Gentlemen:

Cores taken in the subject well in the Lansing-Kansas City 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. Data averages are presented on page two.

The cored interval between 3934 and 3950 feet exhibits fair matrix permeability and excellent porosity development. High water saturations and absence of oil saturation indicate this zone to be water productive.

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

Very truly yours,

CORE LABORATORIES, INC.

Jack R. Good

Jack R. Good for
Dale E. Boyle, District Manager

DEB:JRG:ja

5 cc - Addressee

Tideway Oil Company
Beauchamp No. 1 Well
CLI File 3402-10093

Procedure Page

Handling and Analytical Procedures

Diamond coring equipment and water base mud were used to obtain 4.0 inch diameter cores between 3930.0 and 3974.5 feet.

The cores were preserved at the well site in a CO_2 atmosphere by CLI personnel.

The cores were transported to Oklahoma City by CLI personnel.

A Core-Gamma Log was recorded for downhole E-Log correlation.

Plug analysis was made in intervals requested.

Fluid removal was accomplished using high temperature retorts.

Porosity was determined by summation-of-fluids technique.

Horizontal air permeability on plugs measured without Klinkenberg correction.

Cores were slabbed down the middle for future geological study.

One half of the slabbed core will be shipped to Tideway Oil Company in Jackson, Mississippi. The other half will be shipped to Mr. Lynn Watney with with Kansas Geological Survey in Lawrence, Kansas.

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

TIDEWAY OIL COMPANY
BEAUCHAMP NO. 1 WELL
SOUTH JOHNSON FIELD
STANTON COUNTY, KANSAS

DATE: 5/16/80
FORMATION: LANSING-KANSAS CITY
DRLG. FLUID: WATER BASE MUD
LOCATION:

FILE NO: 3402-10093
ENGINEER: BOYLE
ELEVATION:

CONVENTIONAL ANALYSIS

SMP. NO.	DEPTH	PERM. TO AIR MD. PLUG	POROSITY PERCENT	FLUID SATS. OIL	FLUID SATS. WTR.	GR. DEN.	DESCRIPTION
	3930.0-34.0						LM,SHY
1	3934.0-35.0	0.4	24.8	0.0	94.0		LM,OOL
2	3935.0-36.0	17.0	18.1	0.0	93.1		LM,OOL
3	3936.0-37.0	6.2	19.0	0.0	91.6		LM,OOL
4	3937.0-38.0	0.2	19.3	0.0	94.3		LM,OOL
5	3938.0-39.0	3.2	13.0	0.0	83.9		LM,OOL
6	3939.0-40.0	7.8	19.0	0.0	93.0		LM,OOL
7	3940.0-41.0	0.4	10.7	0.0	89.9		LM,OOL
8	3941.0-42.0	0.8	19.7	0.0	92.2		LM,OOL
9	3942.0-43.0	0.3	5.9	0.0	71.7		LM,OOL
10	3943.0-44.0	<0.1	2.7	0.0	79.1		LM,OOL,STY
11	3944.0-45.0	0.1	6.0	0.0	82.1		LM,OOL,STY
12	3945.0-46.0	4.9	5.8	0.0	89.9		LM,OOL,STY
13	3946.0-47.0	<0.1	10.5	0.0	86.5		LM,OOL,STY
14	3947.0-48.0	0.5	9.4	0.0	88.1		LM,OOL,STY
15	3948.0-49.0	37.0	19.3	0.0	86.6		LM,OOL
16	3949.0-50.0	0.3	17.6	0.0	87.8		LM,OOL
	3950.0-61.0						LM,SHY
	3961.0-65.0						SH,LMY
	3965.0-71.0						LM,SHY
	3971.0-74.5						SH,SL/LMY

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OKLAHOMA CITY, OKLAHOMA

CORE SUMMARY

Company TIDEWAY OIL COMPANY
Well BEAUCHAMP NO. 1
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Depth, Feet	Horizontal Permeability, Md.	Porosity, Percent	Saturation Oil	Saturation Water
3934-50	4.9	13.8	0.0	87.7

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COMPANY TIDEWAY OIL COMPANY FIELD SOUTH JOHNSON FILE 3402-10093

WELL BEAUCHAMP NO. 1 COUNTY STANTON DATE 5/16/80

LOCATION _____ STATE KANSAS ELEV. _____

CORE-GAMMA CORRELATION

VERTICAL SCALE: 5" = 100'

TOTAL WATER 0000
PERCENT PORE SPACE
80 60 40 20 0

GAMMA RAY
RADIATION INCREASE →

PERMEABILITY ___
MILLIDARCYS
100.0 10.0 1.0 0.1

POROSITY ___
PERCENT
30 20 10 0

OIL SATURATION ~~XXXX~~
PERCENT PORE SPACE
0 20 40 60 80