



CORE LABORATORIES, INC.

Box 10185

DALLAS, TEXAS

Attention: Department SD

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

REPLY TO
BOX 10185

Dear Sir:

During the next few weeks Core Laboratories, Inc., is conducting a survey among its clients in a limited area to determine the usefulness of a new type graphical presentation of core analysis data--not as a substitute but rather as a supplement to our standardized reporting procedures.

You will note that the Core Analysis Final Report you have received contains, in addition to all regular tabular and graphical information, a transparent Coregraph with the same data plotted to a conventional electrical log scale of 1" equals 20'. (The standard Coregraph scale is 1" equals 5'.)

Through use of a unique film material which reproduces the image in red, the transparent Coregraph can be accurately placed over an electrical log of the identical footage and both results easily correlated.

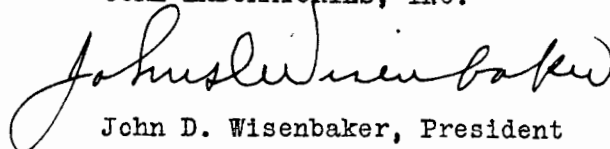
Of course, the ultimate success of any new idea or "product" is decided finally by customer acceptance. Therefore, we are respectfully requesting your professional opinion.

Attached to this letter is a brief questionnaire. We would greatly appreciate receiving your answers and constructive criticism. A stamped, self-addressed envelope is enclosed for your convenience.

Assuring you of our continued aim to expand the usefulness of Core Lab services whenever possible and practical, I remain,

Yours very truly,

CORE LABORATORIES, INC.



John D. Wisenbaker, President

JDW:dw

PS: In the event Core Lab works other wells for you during our survey period, you will receive this same letter and questionnaire which, of course, should be ignored. However, we suggest that you retain the complimentary transparent Coregraphs for future use.

S U R V E Y

(A solicitation of opinions from Core Lab clients regarding the acceptance of a new type transparent Coregraph proposed as an addition to regular Core Analysis Final Report information.)

In answering the following questions, please bear in mind that the transparent Coregraph is currently an experimental project. Pending a general acceptance of the idea, several other methods and materials will be investigated.

1. Would the supplementary transparent Coregraph (plotted to a conventional electrical log scale of 1" equals 20') be useful to you?

_____ Yes

_____ No

2. Presently, it is Core Lab's intention to charge its clients for the transparent Coregraphs. This charge would be based on actual cost to Core Lab. Until reproduction procedures can be followed on a volume basis, these actual costs cannot be accurately determined. However, it appears that the average transparent Coregraph would cost not less than \$5.00, nor more than \$10.00 per well. Would its usefulness to you be worth this additional expense?

_____ Yes

_____ No

3. Regardless of your answer to the second question, please indicate its degree of usefulness for the following purposes:

A. Immediate completion procedures -- () regularly; () occasionally; () never

B. Reservoir Engineering -- () regularly; () occasionally; () never

C. Future exploratory work -- () regularly; () occasionally; () never

4. Ordinarily, seven copies of a Core Analysis Final Report are delivered, free of charge, with each job. How many transparent Coregraphs would suffice?

1, 2, 3, 4, 5, 6, or 7?

Remarks: _____

Name: _____ Position: _____

Company: _____

Address: _____

(A self-addressed, stamped envelope is attached for your convenience.)

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PRELIMINARY CORE ANALYSIS RESULTS

Company KEWANEE OIL COMPANY & ZOLLER Formation VIOLA Date Report 7-15-57
Well STRICKLAND NO. 3 Cores DIAMOND File CP-1-2942-WC
Field NORTH WICHITA Drilling Fluid WATER BASE MUD Engineers DONOHOE
County SEDGWICK State KANSAS Elev. 1321' CM Location 330' FSL, 1015' FWL SW1/4 34-26S-1E

Lithological Symbols and Abbreviations

SAND  SH.  LIME  DOLOMITE  CHERT  CONGLOMERATE  ANHYDRITE  FRACTURED  

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PERCENT	RESIDUAL SATURATION PER CENT PORE		LITHOLOGY	REMARKS
		MAX	90°		OIL	TOTAL WATER		
	3320.0-25.5 *						Shale	
1	3325.5-27.0	1.1	0.7	16.8	18.9	43.5	Dol.	Shly., Lmy., pp Vugs.
2	27.0-28.4	125	59	17.5	20.9	41.7	Dol.	Lmy., pp Vugs.
3	28.4-30.4	360	*	15.4	14.3	50.9	Dol.	Lmy., Vugs.
4	30.4-32.5	8.3	5.4	10.5	17.0	47.7	Dol.	Lmy., Vugs.
5	3332.5-34.5	8.4	*	9.9	9.1	52.2	Dol.	Lmy., Vugs.
	3334.5-35.0							Missing
6	3335.0-36.5	216	216	12.6	12.5	59.7	Dol.	Lmy., Dol., Vugs.
7	36.5-38.5	13	6.2	9.3	10.3	62.8	Dol.	Lmy., pp Vugs, VF
8	38.5-40.0	21	20	8.9	8.2	66.2	Dol.	Lmy., Vugs.
9	40.0-41.7	5.0	1.8	5.2	13.3	56.9	Dol.	Lmy., pp Vugs.
10	41.7-43.6	387	*	8.9	6.3	74.0	Dol.	Lmy., Vugs.
11	43.6-45.5	80	*	10.5	9.0	74.3	Dol.	Lmy., Vugs.
12	45.5-47.0	11	*	8.6	7.4	75.0	Dol.	Lmy., Vugs.
13	47.0-49.0	335	108	11.3	8.9	62.3	Dol.	Lmy., Vugs.
14	3349.0-51.0	76	9.1	7.2	6.3	61.3	Dol.	Lmy., Shly., Vugs.
	3440.0-45.0 *						Shale	
15	3445.0-47.0	3.4	<0.1	5.0	7.1	89.8	Lime	Shly.
16	47.0-48.6	427	0.2	5.8	2.7	73.5	Lime	
17	48.6-50.2	<0.1	<0.1	7.2	2.2	71.4	Lime	
18	50.2-51.5	0.8	0.5	10.8	Trace	71.3	Lime	
19	51.5-53.3	<0.1	<0.1	6.3	Trace	80.7	Lime	
20	3453.3-54.0	0.15	*					
21	3454.0-55.0	0.18	*					
	3455.0-58.0 *						Shale	

* Not analyzed by request of client.



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

CP-3-835 TMI

COMPANY KEWANEE OIL COMPANY AND ZOLLER DATE ON 7/12/57 FILE NO. CP-1-2942 WC
 WELL STRICKLAND NO. 3 DATE OFF 7/14/57 ENGRS. DONOHUE
 FIELD NORTH WICHITA FORMATION _____ ELEV. 1321' CM
 COUNTY SEDGWICK STATE KANSAS DRLG. FLD. WATER BASE MUD CORES DIAMOND
 LOCATION 330' FSL, 1015' FWL, SW/4 REMARKS _____
SEC 34-26S-1E

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 and 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 sand in connection with which such report is used or relied upon.

COMPLETION COREGRAPH

SCALE: 1 INCH=20 FEET

PERMEABILITY ———
MILLIDARCY

TOTAL WATER SATURATION ———
PERCENT PORE SPACE

POROSITY ----
PERCENT

RESIDUAL OIL SATURATION ----
PERCENT PORE SPACE

