

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

REPLY TO
8 N. W. 42ND ST.
OKLAHOMA CITY, OKLA.
73118

Gentlemen:

Fitchner #35

Subject: Core Analysis

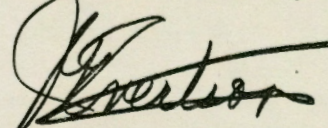
The measured physical properties presented on the accompanying report were determined on samples submitted to our laboratory for analysis.

Information pertaining to the well name, field, location, type of analysis, coring method and drilling fluid used is shown in the heading of the report.

Thank you for this opportunity to be of service.

Yours very truly,

CORE LABORATORIES, INC.



J. G. Evertson, Jr.

District Manager

JGE:jc

CORE ANALYSIS RESULTS

Company KEWANEE OIL COMPANY Formation SQUIRREL File CP-10-158
 Well KRETCHMER NO. 35 Core Type DIAMOND Date Report 3-29-67
 Field BUSH CITY SHOESTRING Drilling Fluid WATER BASE MUD Analysts HUNT
 County ANDERSON State KANSAS Elev. 988' GL Location 1600' FNL 1110' FWL NW/4 SEC 33-20S-21E

Lithological Abbreviations

SAND - SD SHALE - SH LIME - LM	DOLOMITE - DOL CHERT - CH GYPSUM - GYP	ANHYDRITE - ANHY CONGLOMERATE - CONG FOSSILIFEROUS - FOSS	SANDY - SDY SHALY - SHY LIMY - LMY	FINE - FN MEDIUM - MED COARSE - CSE	CRYSTALLINE - XLN GRAIN - GRN GRANULAR - GRNL	BROWN - BRN GRAY - GR VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY VERY - V WITH - W
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS	GRAIN DENSITY
		PERM. MAX.	PERM. 90°		OIL	TOTAL WATER		
CORE NO. 1								
1	598-99	0.2		14.2	28.1	60.5	Sd, shy	
2	599-00	8.0		18.7	43.9	32.6	Sd, shy	2.758
3	600-01	0.5		16.2	27.0	54.6	Sd, shy	
4	601-02	<0.1		15.3	22.2	67.2	Sd, shy	
5	602-03	0.3		16.8	31.6	47.5	Sd, shy	
6	603-04	0.8		17.6	35.7	43.6	Sd, shy	
7	604-05	0.4		15.5	16.7	63.6	Sd, shy	
8	605-06	3.0		17.7	18.6	54.6	Sd, shy	
9	606-07	3.8		15.0	13.3	72.5	Sd, shy	
10	607-08	4.9		17.9	24.6	55.2	Sd, shy	2.714
11	608-09	2.3		19.8	45.0	33.3	Sd, shy	
12	609-10	0.2		16.7	28.8	54.5	Sd, shy	
13	610-11	21		17.9	29.6	53.6	Sd, shy	
14	611-12	16		22.4	37.5	46.4	Sd, shy	2.678
15	612-13	23		22.4	42.4	40.2	Sd, shy	
16	613-14	0.9		16.5	21.1	62.3	Sd, shy	
17	614-15	0.5		18.0	42.2	41.0	Sd, shy	
18	615-16	4.2		20.9	47.3	32.1	Sd, shy	
19	616-17	13		21.9	38.8	48.0	Sd, shy	
20	617-18	34		22.8	34.6	47.8	Sd, shy	2.681
21	618-19	5.8		21.0	32.7	50.5	Sd, shy	
22	619-20	3.7		20.0	46.0	34.5	Sd, shy	
23	620-21	21		22.0	35.0	46.4	Sd, shy	2.677
24	621-22	17		23.9	27.6	56.5	Sd, shy	
25	622-23	20		21.4	31.8	52.3	Sd, shy	
26	623-24	0.2		18.1	26.6	56.2	Sd, shy	
	624-24.5						Lost Core	
27	624.5-25	4.0		17.2	22.7	61.6	Sd, shy	2.685
CORE NO. 2								
28	625-26	34		20.8	33.7	50.1	Sd, shy	
29	626-27	2.2		18.0	31.6	53.9	Sd, shy	
30	627-28	4.4		16.5	37.8	55.6	Sd, shy	
31	628-29	10		22.1	45.6	28.9	Sd, shy	2.713

These analyses, opinions or interpretations are based on observations and materials 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 operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

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Well Kretchmer No. 35

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS	GRAIN DENSITY
				OIL	TOTAL WATER		
32	629-30	1.5-	17.5	35.4	46.8	Sd, shy	
33	630-31	52-	21.1	29.3	50.6	Sd, shy	
34	631-32	2.2-	19.1	25.1	56.0	Sd, shy	
35	632-33	29-	23.1	27.7	53.2	Sd, shy	
36	633-34	25-	22.4	31.2	47.2	Sd	
37	634-35	1.5-	21.5	25.6	49.3	Sd	
38	635-36	25-	24.2	31.8	46.2	Sd	2.698
39	636-37	31-	23.1	35.1	39.0	Sd	
40	637-38	4.4-	24.8	35.4	38.2	Sd, shy	
41	638-39	22-	22.9	35.4	35.4	Sd, shy	
42	639-40	42-	24.5	26.9	49.0	Sd, shy	2.678
43	640-41	17-	25.2	42.8	37.6	Sd	
44	641-42	5.1-	21.0	51.4	23.8	Sd	
45	642-43	13-	22.9	52.5	26.2	Sd	
46	643-44	5.1-	18.6	38.6	46.1	Sd, shy	
47	644-45	5.8-	16.7	40.1	35.3	Sd, shy	2.697
48	645-46	0.5	19.1	52.3	29.8	Sd, shy	
49	646-47	<0.1	13.7	2.2	89.0	Sd, v/shy	
50	647-48	<0.1	12.1	8.3	81.8	Sd, v/shy	
	648-50					Shale	

THIS IS A FINAL REPORT.

DISTRIBUTION: 6CC: KEWANEE OIL COMPANY

ATTN: MR. C. T. SLACK

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WICHITA, KANSAS