

MOBIL EXPLORATION NORWAY INC.

ANALYSIS OF SIDEWALL SAMPLES

WELL NO: 33/9-3



CORE LABORATORIES, INC.

BOX 10185, DALLAS, TEXAS 75207

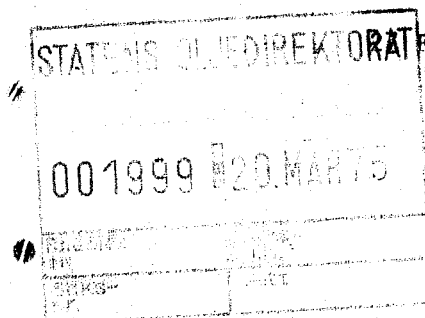
Telephone: Dyce 3303/4
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International Department

REPLY TO
Wellheads Road
Farburn Estate
Dyce, Aberdeen, AB2 OHG

GW/JM.

Mobil Exploration Norway Inc.,
Borehaugen 1,
P.O. Box 510,
4001 STAVANGER,
Norway.



February, 1975.

Attention of Mr. Phil Raveling,

Dear Sir,

We have pleasure in presenting our Report of Analysis SCA 131 covering work performed on samples of sidewalls from well 33/9-3.

This completes analysis on all the core from this well, conventional and sidewall received at our laboratory. Photography and slabbing has been carried out according to your instructions and core has been dispatched.

Thank you for the opportunity to be of service.

Yours very truly,

Core Laboratories Inc.

G. Williams, Laboratory Manager.

Core Analysis Results

Company MOBIL EXPLORATION-NORWAY Formation _____ File SCA 131
 Well 33/9-3 Core Type SIDEWALLS Date Report FEBRUARY 1975
 Field _____ Drilling Fluid _____ Analysts GXW
 County _____ State NORWAY Elev. _____ Location OFFSHORE

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-Xlm Grain-Grn Granular-Grnl	Brown-Brn Gray-Gy Vuggy-Vgy	Fractured-Frac Lamination-Lam Stylolitic-Sty	Slightly-Sl/ Very-V/ With-W/
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Sample No.	Depth Feet	Horizontal Permeability Millidarcys		Helium Porosity %	% Porosity by Fluid Summation	Residual Saturation % Pore		Grain Density	Sample Description and Remarks
		Ka	Kl			Oil	Total Water		
45	7920	400			29.9	19.7	24.4		Ss, brn, vf-fg, subang-subrdd, fri, sl arg, tr mica, tr py, sl od, br yel fluo.
44	7924	420			30.2	24.8	19.9		AA
43	7928	510			31.3	18.5	34.8		Ss, brn, fg, subang-subrdd, fri, sl arg, tr mica, tr py, sl od, br yel fluo.
42	7932	280			27.9	17.9	37.3		Ss, brn, f-mg, subang-subrdd, arg, fri, tr mica, tr py, sl od, br yel fluo.
41	7934	415			29.5	22.7	15.9		Ss, brn, vf-fg, subang-subrdd, fri, arg, tr mica, tr py, sl od, br yel fluo.
40	7937	575			27.7	10.5	39.4		Ss, brn, f-mg, sl arg, subang-subrdd, fri, tr mica, tr py, sl od, br yel fluo.
39	7962	625			29.5	17.6	31.5		AA
38	7968	800			28.1	14.2	32.7		Ss, brn, fg, subang-subrdd, fri, tr mica, tr py, sl arg, sl od, br yel fluo.
37	7972	1120			34.9	3.4	23.2		Ss, brn, f-mg, subang-subrdd, fri, arg, tr mica, tr py, sl od, br yel fluo.
36	7976	1000			32.7	18.3	22.0		Ss, brn, fg, subang-subrdd, fri, sl arg, tr mica, tr py, sl od, br yel fluo.
35	7980	NO	SAMPLE						Ss, brn, f-mg, subang-subrdd, fri, sl arg, tr mica, tr py, sl od, br yel fluo.

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CORE ANALYSIS RESULTS

Sample No.	Depth Feet	Horizontal Permeability Millidarcys		Helium Porosity %	% Porosity by Fluid Summation	Residual Saturation % Pore		Grain Density	Sample Description and Remarks
		Ka	Kl			Oil	Total Water		
34	7984	305			16.3	9.2	7.9		Ss, brn, f-mg, subang-subrdd, fri, sl arg, tr mica tr py, sl od, br yel fluo.
33	7988	1000			30.8	19.2	17.9		Ss, brn, fg, subang-subrdd, fri, sl arg, tr mica, tr py, sl od, br yel fluo.
32	7992	1220			34.0	4.6	15.9		Ss, brn, f-mg, subang-subrdd fri, arg, tr mica, tr py, sl od, br yel fluo.
31	7996	NO SAMPLE							Ss, brn, f-mg, subang-subrdd, fri, sl arg, tr mica, tr py, v sl od, br yel fluo.
30	7998	200			17.6	5.7	3.9		Ss, brn, vf-fg, subang-subrdd, fri, arg, tr mica, tr py, sl od, br yel fluo.
29	8006	825			27.7	11.6	39.4		Ss, brn, fg, subang-subrdd, fri, arg, tr mica, tr py, sl od, br yel fluo.
28	8010	600			21.4	9.8	25.2		Ss, brn, vf-fg, subang-w cmtd, arg, tr mica, sl py, sl od, dull yel fluo.
27	8051	625			33.9	12.4	35.1		Ss, brn, mg, subrdd, pr cmtd, fri, v sl arg, sl mica, v sl py, mod od, br yel fluo.
26	8138	725			32.8	16.8	40.5		Ss, brn, mg, subrdd-subang, fri, sl arg, tr py, tr mica, sl od, br yel fluo.
25	8140	600			21.6	18.1	9.7		Ss, brn, vfg-fg, subrdd-subang, fri, sl arg, tr py, tr mica, sl od, br yel fluo.
24	8142	825			33.1	12.9	38.7		Ss, brn, vfg, subrdd-subang, fri, sl arg, tr py, tr mica, sl od, br yel fluo.
23	8156	800			31.0	13.2	9.7		Ss, brn, vfg, subrdd-subang, fri, h arg, tr py, tr mica, sl od, br yel fluo.
22	8158	520			25.2	9.9	44.4		Ss, brn, vfg, subang-subrdd, w cmtd, h arg, tr mica, tr py, mod od, br yel fluo.

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CORE ANALYSIS RESULTS

Sample No.	Depth Feet	Horizontal Permeability Millidarcys		Helium Porosity %	% Porosity by Fluid Summation	Residual Saturation % Pore		Grain Density	Sample Description and Remarks
		Ka	Kl			Oil	Total Water		
21	8246	80			15.7	8.5	51.3		Ss, brn, f-mg, subrdd, fri, sl arg, tr mica, tr py, mod od, br yel fluo.
20	8256	122			24.4	13.3	39.2		Ss, brn, vf-fg, subang-subrdd, fri, sl arg, tr mica, tr py, sl od, br yel fluo.
19	8260	20			16.3	5.5	35.0		Ss, brn, fg, subang-subrdd, fri, arg, tr mica, tr py, sl od, br yel fluo.
18	8310	2205			34.3	16.0	28.6		Ss, brn, mg, subang-subrdd, fri, sl arg, tr mica, tr py, sl od, br yel fluo.
17	OIL SAMPLE								
16	8317	1280			24.1	15.8	17.0		Ss, brn, f-mg, subang-subrdd, fri, arg, tr mica, tr py, mod od, br yel fluo.
15	8320	2460			29.5	10.8	13.2		Ss, brn, f-mg, subang-subrdd, fri, sl arg, tr mica, tr py, sl od, br yel fluo.
14	8348	1830			28.0	5.7	26.1		Ss, brn, fg, subang-subrdd, fri, arg, tr mica, sl od, br yel fluo.
13	8350	3220			32.0	14.7	24.7		Ss, brn, fg, subang-subrdd, fri, arg, tr mica, tr py, mod od, br yel fluo.
12	8354	2420			31.2	7.7	34.9		Ss, brn, vf-fg, subang, fri, sl arg, tr mica, tr py, sl od, br yel fluo.
11	8358	1085			27.3	8.4	41.8		Ss, brn, vfg, subang, fri, arg, tr mica, tr py, sl od, br yel fluo.
10	NO SAMPLE								
9	8362	1025			26.4	8.7	33.0		Ss, brn, fg, subang, fri, arg, tr mica, tr py, sl od, br yel fluo.
8	8365	600			17.7	11.3	27.1		AA

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CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

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 Well 33/9-3

CORE ANALYSIS RESULTS

Sample No.	Depth Feet	Horizontal Permeability Millidarcys		Helium Porosity %	% Porosity by Fluid Summation	Residual Saturation % Pore		Grain Density	Sample Description and Remarks
		Ka	Kl			Oil	Total Water		
7	8368	1812			33.2	13.9	28.3		Ss, brn, vfg, subang, fri, arg, tr mica, tr py, sl od, br yel fluo.
	8371	1242			26.9	6.3	27.5		AA
5	8381	1022			30.0	16.7	33.7		AA
4	8432	950			29.1	11.3	21.6		AA
3	8434	800			31.4	10.5	17.5		Ss, brn, vfg, subang, fri, arg, tr mica, tr py, v sl od, dull yel fluo.
2	8438	920			33.9	13.6	26.2		Ss, brn, vfg, subang-subrdd, sl arg, tr mica, tr py, sl od, dull yel fluo.
1	8441	650			34.7	15.9	35.8		AA

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