

CORE ANALYSIS RESULTS

Company MOBIL EXPLORATION NORWAY INC. Formation _____ File CA-58
 Well 33/12-2 Core Type DIAMOND CORES Date Report 29.7.74
 Field _____ Drilling Fluid _____ Analysts WLG
 County NORTH SEA State U.K. Elev. _____ Location _____

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 - LIMY	FINE - FN MEDIUM - MED COARSE - CS	CRYSTALLINE - KLN GRAIN - GRN GRANULAR - GRNL	BROWN - BRN GRAY - GR VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL/ VERY - V/ WITH - W/
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		Grain Density	SAMPLE DESCRIPTION AND REMARKS
		Ka	Kl		OIL	TOTAL WATER		
CORE NO. 2 (ALL DEPTHS IN CORE NO. 2 AS SHOWN ON CORE BOXES MARKED IN FEET FROM TOP OF CORE).								
1	0.5	2430	2350	24.7	17.0	36.4	2.66	Ss, lt gy, m-cg, sub-ang, mod std, mod fri, frly cln.
2	1.5	2856	2776	21.6	17.6	22.2	2.64	AA
3	2.5	1074	1024	23.5	20.9	31.9	2.63	AA
4	3.5	1306	1256	25.3	19.0	29.6	2.63	AA
5	4.5	1277	1227	28.2	22.7	26.2	2.63	AA
6	5.5	1576	1526	25.0	25.6	30.4	2.62	AA
7	6.5	4005	3925	26.8	21.3	28.4	2.64	AA
8	7.5	4104	4024	24.1	16.6	32.0	2.64	AA
9	8.5	4202	4122	26.6	15.8	33.8	2.64	AA, sub-ang - sub-rnd.
10	9.5	2430	2350	26.9	18.6	32.0	2.63	AA
11	10.5	1636	1586	23.6	28.0	28.8	2.64	AA
12	11.5	2889	2809	25.7	19.1	32.3	2.65	AA
13	12.5	2495	2415	24.7	21.5	28.3	2.66	AA
14	13.5	3006	2926	25.4	20.1	32.7	2.64	AA
15	14.5	3273	3193	25.3	19.4	31.6	2.64	AA
16	15.5	1503	1453	26.9	19.3	32.7	2.68	AA, tr py.
17	16.5	3644	3564	24.9	19.7	38.2	2.66	AA
18	17.5	4341	4261	25.3	20.2	39.1	2.63	AA, no py, tr mica.
19	18.5	1549	1499	17.6	22.7	35.8	2.81	AA, v py.
20	19.5	10.5	8.2	23.8	18.1	33.6	2.71	AA, py, arg.
21	20.5	5680	5600	20.2	20.8	43.1	2.67	AA, tr py, frly cln.
22	21.5	0.91	0.61	19.0	18.9	58.4	2.61	AA, vfg, arg.
23	22.5	53	45	27.5	19.3	29.8	2.62	AA, f-mg, p std, tr py.
24	23.5	5352	5272	29.5	24.7	29.8	2.64	AA, m-cg, mod std, frly cln.

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

File CA-58 Page No. 2
 Well 33/12-2

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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs Ka K1		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		Grain Density	SAMPLE DESCRIPTION AND REMARKS
					OIL	TOTAL WATER		
<u>CORE NO. 2 (CONTINUED)</u>								
25	24.5	15140	14990	25.0	22.0	28.8	2.65	Ss, lt gy, m-cg, sub-ang - sub-rnd, mod std, mod fri, frly cln, tr py, tr mica, arg.
26	25.5	1161	1111	24.7	18.2	41.7	2.62	AA, f-mg, w/thin carb sh lamin.
27	26.5	1642	1592	22.7	17.2	41.9	2.63	AA, mg, mod std, frly cln.
28	27.5	2003	1943	25.7	19.1	38.5	2.63	AA, m-occ cg.
29	28.5	25	21	13.5	16.3	14.8	2.59	AA, fg, p std, arg.
30	29.5	192	172	23.1	17.3	44.2	2.65	AA, m-cg, sli arg.
31	30.5	630	600	24.6	19.9	38.6	2.65	AA
<u>CORE NO. 3 (ALL DEPTHS ARE DEPTHS AS SHOWN ON CORE BOXES)</u>								
32	8919.5	233	213	8.7	23.0	23.0	2.65	AA, w/very hd siliceous lamin.
33	20.5	29	24	17.1	21.6	50.3	2.66	AA
34	21.5	7.6	5.8	8.6	12.8	59.3	2.65	AA
	8122 to) 8129)	S H A L E - N O A N A L Y S I S						

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