

CORE ANALYSIS RESULTS

Company CLI E & C - LONDON Formation _____ File CP-1-7608
 Well PHILLIPS 2/4 - 8AX Core Type DIAMOND Date Report 8-14-72
 Field TORFELT Drilling Fluid _____ Analysts BOYLE
 County NORTH SEA State NORWAY Elev. _____ Location NORWEGIAN NORTH SEA

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 - GY VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL/ VERY - V/ WITH - W/
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS		POROSITY PER CENT	GRAIN DENSITY	SAMPLE DESCRIPTION AND REMARKS
		PERM. MAX.	PERM. 90°			
DEAN-STARK WHOLE-CORE PERMEABILITY AND POROSITY MEASUREMENTS						
1	9824.09-25.01	675	0.2	17.8	2.72	Lm, v/fn xln, chalky, vert frac
2	9857.00-57.04	12	0.2	20.1	2.71	Lm, v/fn xln, chalky, vert frac
3	9873.01-73.08	872	0.2	16.1	2.69	Lm, v/fn xln, chalky, vert frac
4	9961.03-61.10	0.8	0.6	30.2	2.68	Lm, v/fn xln, chalky
5	9998.03-98.10	0.5	0.1	21.0	2.68	Lm, v/fn xln, chalky
6	10,087.07-88.03	0.7	<0.1	19.5	2.69	Lm, v/fn xln, chalky
7	10,145.04-45.08	842	0.5	17.3	2.70	Lm, v/fn xln, chalky, vert frac
8	10,180.02-81.02	457	0.5	18.4	2.69	Lm, v/fn xln, chalky, vert frac
	10,198.06-199.06					Not submitted
9	10,307.04-308.04	459	2.8	28.3	2.70	Lm, v/fn xln, chalky, vert frac
10	10,388.10-389.07	1.1	0.1	11.3	2.70	Lm, v/fn xln, chalky
11	10,423.00-424.00	8.9	1.8	17.7	2.70	Lm, v/fn xln, chalky
12	10,462.00-462.07	0.3	0.2	17.2	2.70	Lm, v/fn xln, chalky
13	10,526.10-527.09	0.1	<0.1	6.2	2.71	Lm, v/fn xln

THIS IS FINAL REPORT. THE CORE IS BEING SENT TO D. K. KEELAN, SPECIAL CORE ANALYSIS, DALLAS.

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TORFELT 2/4-8AX

Samples to be Used for Porosity and

Permeability Measurements Under Overburden Pressure

Sample Number	Depth, Feet	Core Lab Measurements			Reservoir Engineering Lab Measurements			
		Porosity, Per Cent	Permeability, md Air	Water	Grain Density, g/ml	Porosity, Per Cent	Specific Nitrogen Permeability, md	Grain Density, g/ml
54	10615	0.2	0.2	< 0.01	2.696	5.1	< 0.01	2.702
52	10611	1.2	.01	< .01	2.694	8.2	< .01	2.723
*341	10125	6.5	< .01	< .01	2.695	6.4	< .01	2.718
171	10373	8.3	.02	.01	2.681	11.7	.02	2.724
6	10524	9.2	.80	.54	2.689	9.9	1.34	2.713
154	10353	13.0	.12	.07	2.673	15.1	.09	2.730
534	9858	14.4	.06	.04	2.702	Not received in shipment		
351	10135	16.3	.24	.15	2.706	16.0	.16	2.712
110	10408	16.5	.12	.07	2.701	16.7	.08	2.709
159	10357	17.1	.27	.17	2.707	16.5	.23	2.697
219	10290	19.6	.45	.29	2.705	19.9	.29	2.722
291	10160	20.5	.45	.29	2.700	21.8	.32	2.729
106	10400	22.8	.72	.48	2.683	23.5	.51	2.698
524	9885	26.7	.22	.13	2.703	26.4	.15	2.711
241	10310	28.3	1.6	1.1	2.702	28.2	1.4	2.713
134	10333	28.4	2.0	1.4	2.684	29.9	1.6	2.708
208	10280	31.4	2.6	1.9	2.699	30.7	2.4	2.690
480	9930	36.6	20.	16.	2.697	36.4	1.6	2.699

*Sample fractured during tests.