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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

ID/OLJE

00778 *21.9.68

Page No. 1

SAKSB:
ARKIV:

CORE ANALYSIS RESULTS

Company Phillips Norway Formation _____ File UKCA 135
Well 7/11-2X Core Type _____ Date Report 1st Sept. '68
Field _____ Drilling Fluid _____ Analysts RFB
County North Sea State Norway Elev. _____ Location _____

Lithological Abbreviations

SAND - SD DOLOMITE - DOL ANHYDRITE - ANHY SANDY - SDY FINE - FN CRYSTALLINE - KLN BROWN - BRN FRACTURED - FRAC SLIGHTLY - SL/
SHALE - SH CHERT - CH CONGLOMERATE - CONG SHALY - SHY MEDIUM - MED GRAIN - GRN GRAY - GY LAMINATION - LAM VERY - V/
LIME - LM GYPSUM - GYP FOSSILIFEROUS - FOSS LIMY - LMY COARSE - CSE GRANULAR - GRNL VUGGY - VGY STYLOLITIC - STY WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		Ka	KI		OIL	TOTAL WATER	
1	9944	0.78	0.52	17.5 /	2.9	68.6	avg Por = 21.7 % avg Perm = 26.5 md. (air) avg residual HC sat ⁿ = 8.10 % avg Perm (liq) = 22.6 md
2	45	3.6	2.6	15.1 /	7.9	74.8	
3	46	0.35	0.22	18.9 /	2.6	84.6	
4	48'9"	2.9	2.1	18.6 /	12.4	46.7	
5	50	6.8	5.2	21.4 /	5.1	59.0	
6	51	19	15	23.9 /	4.6	49.0	
7	51'6"	38	32	27.2 /	11.8	45.2	
8	53	27	22	16.3 /	7.4	58.9	
9	54	36	30	22.2 /	10.0	44.1	
10	55	61	53	23.2 /	10.3	39.7	
11	56	1.1	0.8	18.6 /	6.5	52.1	
12	58	0.27	0.17	19.0 /	2.1	42.2	
13	59	47	40	22.0 /	5.0	35.4	
14	60'6"	19	15	22.1 /	10.0	40.3	
15	61'6"	38	32	15.3 /	7.8	43.8	
16	63	13	10	23.7 /	8.9	36.3	
17	65'6"	136	122	26.7 /	7.9	34.8	
18	66'6"	137	123	27.3 /	8.4	34.4	
19	67'6"	76	66	22.1 /	10.0	34.8	
20	68'6"	52	44	21.4 /	5.1	36.0	
21	69'8"	116	103	24.2 /	10.0	37.7	
22	70'4"	1.9	1.3	18.6 /	6.5	48.3	
23	71	2.9	2.1	21.0 /	5.2	47.2	
24	73	30	25	28.6 /	7.3	43.0	
25	74	7.8	6.0	23.3 /	4.7	42.9	
26	9975'6"	0.41	0.26	17.8	14.6	53.4	

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File UKCA 135 Page No. 2

Well 7/11-2X

CORE ANALYSIS RESULTS

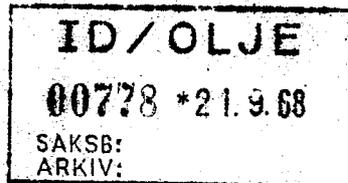
SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PER CENT	RESIDUAL SATURATION PER CENT. PORE		SAMPLE DESCRIPTION AND REMARKS
					OIL	TOTAL WATER	
		Ka	K1				
27	9976'8"	6.6	5.0	17.4	6.8	50.0	
28	77'6"	4.3	3.2	22.3	9.9	39.9	
29	78'6"	55	47	25.1	8.4	36.7	
30	81'4"	2.7	1.9	24.2	9.1	48.4	
31	82'4"	8.7	6.7	19.9	5.5	49.3	
32	83'6"	4.1	3.0	23.6	9.8	51.7	
33	84'4"	0.45	0.29	20.5	12.2	47.3	
34	85'6"	6.2	4.7	24.0	12.1	47.1	
35	86'6"	38	32	25.1	8.8	40.6	
36	87'6"	51	43	22.5	4.9	36.4	
37	88'6"	4.3	3.2	23.1	9.1	34.2	
38	89'8"	8.2	6.3	20.7	10.6	41.1	
39	90'4"	4.3	3.2	20.0	11.0	43.5	
40	91'6"	5.3	4.0	23.0	9.6	50.0	
41	9993	11.4	8.9	23.2	9.5	38.4	

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Norway.

Well: 7/11-2X.

CORE DESCRIPTION



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9943' to 9943'10"

Sandstone - light gray, fine-grained, sub-rounded, argillaceous, calcareous, micaceous, with occasional green shale inclusions; dull gold overall pinpoint fluorescence which yields a very poor, slow, bluish-white carbon tetrachloride cut under ultra-violet light.

9943'10" to 9944'

Shale - black, firm fissile.

9944' to 9946'3"

Sandstone - As above but with good carbon tetrachloride cut.

9946'3" to 9947'

Shale - black, hard, fissile, with sandy lamellae; apparent dip 2°.

9947' to 9948'9"

Shale - dark gray, micaceous, very sandy.

9948'9" to 9949'3"

Sandstone - light gray, fine-grained, sub-rounded, slightly calcareous, micaceous, with occasional gray shale inclusions, carbon tetrachloride cut as above.

9949'3" to 9950'

Shale - dark gray, firm very sandy.

9950' to 9950'8"

Sandstone - gray brown, fine-grained, slightly calcareous, as above.

9950'8" to 9950'10"

Shale - As above.

9950'10" to 9951'

Sandstone - As above.

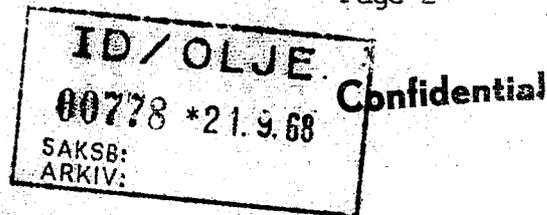
9951' to 9951'6"

Shale - As above.

Phillips Petroleum Co.,
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Well: 7/11-2X

CORE DESCRIPTION

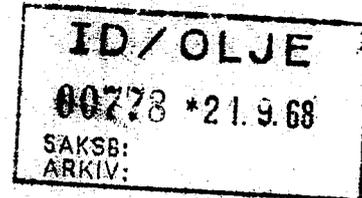


9951'6" to 9952'4"

Sandstone - As above.

9952'4" to 9952'6"

Shale - As above.



9952'6" to 9956'5"

Sandstone - As above.

9956'5" to 9957'6"

Shale - Medium gray, firm, micaceous, very sandy.

9957'6" to 9960'2"

Sandstone - Light gray, fine-grained to medium-grained, hard, sub-angular to sub-rounded, argillaceous, calcareous, micaceous, occasional small gray shale inclusions.

9960'2" to 9960'4"

Shale - As above.

9960'4" to 9962'3"

Sandstone - Gray brown, fine-grained, hard, argillaceous, calcareous, micaceous, small gray shale inclusions.

9962'3" to 9962'9"

Shale - Dark gray, firm, micaceous; apparent dip 2°.

9962'9" to 9963'6"

Sandstone - Gray brown, fine-grained, hard, argillaceous, calcareous, micaceous, with small gray shale inclusions.

9963'6" to 9965'5"

Shale - Dark gray, firm, fissile, micaceous, slightly sandy.

9965'5" to 9969'9"

Sandstone - Gray brown, fine-grained to medium-grained, sub-angular to sub-rounded, argillaceous, slightly calcareous, micaceous, small gray shale inclusions, carbon tetrachloride cut as above.

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CORE DESCRIPTION

9969'9" to 9969'10"

Shale - Dark gray as above.

9969'10" to 9971'7"

Sandstone - As above.

9971'7" to 9973'

Shale - As above with thin sand lamellae.

9973' to 9975'

Sandstone - As above.

9975' to 9975'3"

Shale - As above.

9975'3" to 9976'

Sandstone - Light gray, fine-grained, argillaceous, calcareous, micaceous; with many dark gray shale inclusions; cut as above.

9976' to 9979'5"

Sandstone - Gray brown, fine-grained, argillaceous, micaceous, calcareous, with occasional gray shale inclusions; cut as above.