STATOIL

ROUTINE CORE ANALYSIS

WELL: 31/6-6

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY
OF NORWAY A·S

GECO

STATOIL

ROUTINE CORE ANALYSIS

WELL: 31/6-6

DATE: AUGUST 1984

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

FINAL REPORT

CORE NO.: 9 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
817	1755.75	18.5	16.7			22.8				2.68	A.A.
818	1756.00	8.5	7.4	2.7	2.3	20.8				2.67	A.A.
819	1756.25	16.2	14.8			21.6				2.72	A.A.w/Pyr.Sid.
820	1756.50	40.7	38.0			25.1				2.68	A.A.incr.C.
821	1756.75	11.2	10.1			19.8				2.73	A.A.VW-cmt.incr-Calc.w/Sid.
822	1757.00	208	199	150	143	25.4				2.66	A.A.w/o Sid.Pyr.
823	1757.25	0.56	0.44			12.6				2.68	A.A.
824	1757.50	0.15	0.12			3.8				2.67	Calc-sst.Lt-gry.M-gr.Sbang.VW-cmt.w/Cl.
825	1757.75	0.16	0.12			5.1				2.67	A.A.W-srt.w/foss.Mic.
826	1758.00	964	939	1779	1742	29.1				2.65	Sst.Lt-gry.F/M-gr.Sbang.Fr-cmt.w/Mic.
827	1758.25	2152	2110			31.0				2.67	A.A.VW-srt.
828	1758.50	834	811			29.9				2.67	A.A.W-srt.
829	1758.75	1452	1420			30.4				2.66	A.A.
830	1763.00	0.040	0.029	0.009	<0.01	12.0				2.71	Sltst.Gry.Consol.w/Sid.Pyr.Glauc.
831	1763.25	0.041	0.030			12.2				2.63	A.A.w/o Sid.
832	1763.50	0.006	<0.01			11.9				2.70	A.A.w/Sd-gr.
833	1764.50	64.2	60.1	45.3	42.4	25.4				2.70	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Calc.Mic.
834	1764.75	89.9	84.8			22.5				2.70	A.A.W-srt.
835	1765.00	0.28	0.24	0.22	0.17	11.8				2.68	A.A.VW-cmt.Calc-mtrx.
836	1765.25	157	150			25.1				2.66	A.A.W-cmt.decr-Calc.
837	1765.50	573	555			29.9				2.66	A.A.F/M-gr.
838	1765.75	838	815			31.9				2.66	A.A.
839	1766.00	436	421	170	162	30.3				2.67	A.A.
840	1766.25	237	227			28.9				2.67	A.A.F-gr.
841	1766.50	138	131			27.1				2.67	A.A.
842	1766.75	149	141			27.8				2.66	A.A.
843	1767.00	149	141	90.6	85.4	28.4				2.66	A.A.
844	1767.25	98.7	93.0			28.0				2.67	A.A.Fr-srt.

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 9 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
845	1767.50	3458	3402			28.7				2.66	A.A.
846	1767.75	2.2	1.7			20.0				2.72	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Pyr.SidMic
847	1768.00	4.4	3.8	nmp		20.8				2.68	A.A.w/o Pyr.w/Calc.
848	1768.25	0.27	0.21			15.2				2.73	A.A.VW-cmt.w/Pyr.
849	1768.50	0.28	0.21			14.7				2.69	A.A.w/C.
850	1768.75	0.35	0.27			15.7				2.69	A.A.
851	1769.00	0.39	0.30	0.098	0.073	14.6				2.67	A.A.w/o Pyr.ltl-Sid.
852	1769.25	0.40	0.31			14.1				2.66	A.A.incr-C.w/Pyr.
853	1769.50	2.8	2.4			17.3				2.67	Sst.Lt-gry.F-gr.Sbang.W-cmt.Mic-lam.
854	1769.75	1547	1513			29.2				2.65	A.A.F/M-gr.Fr-cmt.W-srt.
855	1770.00	2131	2090	1681	1645	32.7				2.65	A.A.
856	1770.25	1608	1573			30.8				2.64	A.A.
857	1770.50	2587	2541			31.1				2.64	A.A.scat-Mic.
858	1770.75	1973	1934			31.6				2.65	A.A.
859	1771.25	1478	1445	nvpp		28.1				2.66	A.A.
860	1771.50	2154	2113			29.1				2.65	A.A.
861	1771.75	1485	1452			29.9				2.66	A.A.
862	1772.25	117	111	98.1	92.4	24.8				2.66	A.A.W-cmt.Mic-lam.
863	1772.50	147	140			2.59				2.67	A.A.
	1772.55										

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

STATOIL
TROLL
31/6-6

NORTH SEA
04 JULY 1984
NR-XS-40119

PRE GRAVEL PACK TEST MR-SIX WELLHEAD MONITOR UPSTREAM CHOKE (SECOND FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TIME	
0.574	11607.35	17:50:28	4/ 7/84OPEN WELL @ CHOKE MANIFOLD
0.741	11703.88	18: 0:28	ON 128/64" ADJ. CHOKE AND
0.908	11800.40	18:10:28	ON 24/64" ADJ. CHOKE @ HEATER
1.074	11869.35	18:20:28	AT 17:16
1.241	11924.51	18:30:28	
1.408	11979.67	18:40:28	
1.574	12055.51	18:50:28	
1.741	12089.98	19: 0:28	
1.908	12145.14	19:10:28	
2.074	12255.46	19:20:28	
2.241	12269.25	19:30:28	
2.408	12303.72	19:40:28	
2.574	12324.40	19:50:28	
2.741	12351.98	20: 0:28	
2.908	12372.67	20:10:28	
3.074	12400.25	20:20:28	
3.241	12434.72	20:30:28	
3.408	12476.09	20:40:28	
3.574	12469.19	20:50:28	
3.741	12455.40	21: 0:28	
3.908	12476.09	21:10:28	
4.074	12482.98	21:20:28	
4.241	12510.56	21:30:28	
4.408	12503.67	21:40:28	
4.574	12538.14	21:50:28	
4.741	12558.83	22: 0:28	
4.908	12558.83	22:10:28	
5.074	12586.40	22:20:28	
5.241	12593.30	22:30:28	
5.408	12634.67	22:40:28	
5.574	12620.88	22:50:28	END OF FLOW PERIOD

GECO

COMMENTS

GENERAL: Core analyses including horizontal and vertical permeability, porosity and grain density have been performed on samples from well 31/6-6 at depths specified by Statoil A/S. In addition, formation resistivity factor and grain size distribution were measured at various depths and have been reported under two additional separate covers. Intervals selected to be unfrozen were cores 1, 5-9. Intervals selected to be frozen were cores 2-4.

PREPARATION: The samples collected from the frozen intervals were gently drilled with a one inch bore using liquid nitrogen as a coolant. All samples were cut to one inch lengths, cleaned using methanol and toluene and dried before petrophysical analyses.

MEASUREMENTS: AIR PERMEABILITY

Standard air permeability, ka, was measured by injection of nitrogen gas at a net confining sleeve pressure of 15 bar and then converted empirically to liquid permeability, kl, on all samples.

POROSITY AND GRAIN DENSITY

Porosity and grain density were collected only from the horizontal sample plugs. Porosity values were determined by a Boyle's law porosimeter using helium. Frozen samples were measured at a net confining sleeve pressure of 15 bar while unfrozen samples were maintained at atmospheric conditions.

ABBREVIATIONS

NPP - no plug possible
NHPP - no horizontal plug possible
NVPP - no vertical plug possible
NMP - no measurement possible

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 1

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A·S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1525.00										
1	1525.00	0.25	0.19			14.8				2.69	Sst.Gry.VF-gr.Sbang.W-cmt.W/Pyr.Calc.mic
2	1525.25	0.12	0.089	0.10	0.075	15.2				2.67	A.A.W-srt.W/ltl.Calc.
3	1525.50	0.67	0.52			18.3				2.74	A.A.
4	1525.75	0.35	0.27			15.7				2.68	A.A.
5	1526.00	0.23	0.17			15.2				2.63	A.A.W/ltl-C.
6	1526.25	0.16	0.12	0.20	0.15	13.2				2.63	A.A.
7	1526.50	0.19	0.14			15.1				2.65	A.A.Decr-calc.
8	1526.75	0.072	0.053			12.9				2.64	A.A.Incr-calc.
9	1527.00	0.20	0.15			14.6				2.65	A.A.
10	1527.25	0.19	0.14	0.091	0.068	13.9				2.65	A.A.
11	1527.75	0.19	0.14			16.1				2.68	A.A.
12	1528.00	0.16	0.12			14.7				2.68	A.A.
13	1528.25	0.82	0.64	0.077	0.057	16.0				2.67	A.A.
14	1528.50	0.16	0.12			15.0				2.67	A.A.
15	1528.75	0.17	0.13			13.8				2.68	A.A.
16	1529.00	0.13	0.097			13.9				2.67	A.A.
17	1529.25	0.074	0.055	0.15	0.12	13.9				2.66	A.A.
18	1529.50	0.20	0.15			14.1				2.66	A.A.
19	1529.75	1.9	1.5			19.5				2.73	A.A.calc.pyr.
20	1530.00	1.2	0.96			19.1				2.67	A.A.w/ltl.Calc.pyr.
21	1530.50	0.18	0.13			14.1				2.65	A.A.
22	1530.75	0.16	0.12	0.28	0.21	15.7				2.69	A.A.
23	1531.00	0.13	0.099			13.6				2.65	A.A.
24	1531.25	0.090	0.067	0.39	0.30	14.0				2.64	A.A.
25	1531.50	0.064	0.047			15.5				2.64	A.A.
26	1531.75	0.11	0.079			14.1				2.64	A.A.
27	1532.00	0.13	0.095			12.6				2.65	A.A.

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 1 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A·S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
28	1532.25	0.091	0.068	0.068	0.050	12.7				2.65	A.A.
29	1532.50	0.084	0.062			12.8				2.62	A.A.Incr.C.Decr.Calc.
30	1532.75	0.12	0.093			12.7				2.63	A.A.
31	1533.25	0.11	0.085	0.066	0.049	13.5				2.65	A.A.w/o Cl.Incr.calc.
32	1533.50	0.10	0.077			12.8				2.65	A.A.
33	1533.75	0.089	0.066			12.3				2.64	A.A.
34	1534.00	0.14	0.11			13.6				2.66	A.A.
35	1534.25	0.100	0.074	0.46	0.36	13.1				2.64	A.A.
36	1534.50	0.14	0.11			13.8				2.65	A.A.
37	1534.75	0.089	0.066			13.4				2.64	A.A.
38	1535.00	nmp				nmp					A.A.
39	1535.25	0.20	0.15	0.10	0.076	15.0				2.66	A.A.
40	1535.50	0.13	0.096			14.3				2.65	A.A.
41	1535.75	0.19	0.14			16.5				2.65	A.A.
42	1536.00	0.20	0.15			16.5				2.66	A.A.
43	1536.25	0.14	0.11	0.14	0.11	15.6				2.68	A.A.Incr.pyr.
44	1536.75	0.081	0.060			14.1				2.65	A.A.Decr.pyr.
45	1537.00	0.11	0.079			15.6				2.67	A.A.
46	1537.25	0.12	0.089	0.20	0.15	15.5				2.72	A.A.Incr.pyr.
47	1537.50	0.18	0.13			16.6				2.67	A.A.Decr.pyr.
48	1537.75	0.12	0.091			14.8				2.66	A.A.
49	1538.00	0.14	0.10			14.3				2.65	A.A.
50	1538.25	0.074	0.055	0.087	0.065	14.4				2.66	A.A.
51	1538.50	0.090	0.067			15.0				2.66	A.A.
52	1538.75	0.057	0.042			14.4				2.66	A.A.
53	1539.00	0.071	0.052	0.066	0.049	13.8				2.67	A.A.
54	1539.50	0.11	0.085			15.4				2.66	A.A.

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 1 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A-S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
55	1539.75	0.065	0.048			14.4				2.66	A.A.
56	1540.00	0.21	0.16			15.0				2.67	A.A.
57	1540.25	0.10	0.074	0.12	0.089	16.0				2.66	A.A.
58	1540.50	0.11	0.080			16.2				2.67	A.A.
59	1540.75	0.070	0.052			14.9				2.67	A.A.
60	1541.00	0.10	0.076			16.2				2.69	A.A.
61	1541.25	0.12	0.089	0.041	0.030	16.0				2.66	A.A.Gnsh-gry.w/Glauc.
62	1541.50	0.078	0.058			14.4				2.68	A.A.Gry.Decr.Glauc.
63	1541.75	0.043	0.031			16.1				2.68	A.A.Gnsh-gry.
64	1542.25	0.13	0.10	0.14	0.11	19.4				2.65	A.A.Incr.Glauc.
65	1542.50	0.045	0.033			21.2				2.82	A.A.Decr.Glauc.w/Sid.
66	1542.75	0.15	0.12			16.8				2.72	A.A.Decr.Sid.
67	1543.00	0.079	0.058			18.9				2.68	A.A.Incr.Glauc.
68	1543.25	0.16	0.12	0.12	0.090	19.8				2.68	A.A.
69	1543.50	0.099	0.074			18.2				2.68	A.A.
70	1543.75	0.24	0.18			20.3				2.68	A.A.Gry.w/Glauc.ltl.Sid.
71	1544.00	0.14	0.10			19.6				2.74	A.A.Gnsh-gry.w/Glauc.Sid.
72	1544.25	0.13	0.099	0.086	0.064	20.9				2.88	A.A.Incr.Sid.
	1544.94										

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 2

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1552.00										
73	1552.00	0.12	0.090	0.015	0.011	18.0				2.77	Sst.Gnsh-gry.F-gr.Sbang.VW-cmt.w/Sid.
74	1552.25	0.098	0.073			20.4				2.77	A.A.W-srt.W/Glauc.ltl.pyr.
75	1552.50	0.039	0.028			19.5				2.77	A.A.
76	1552.75	0.45	0.35			19.5				2.92	A.A.Incr-Sid.
77	1553.00	0.13	0.094	0.033	0.024	21.9				3.01	A.A.Sid-abd.
78	1553.25	0.021	0.015			13.2				2.88	A.A.W/Calc.
79	1553.50	0.043	0.032			22.9				2.98	A.A.
80	1553.75	0.096	0.072			22.6				2.89	A.A.
81	1554.00	0.025	0.018	0.017	0.012	21.1				2.85	A.A.
82	1554.25	0.24	0.18			25.3				3.01	A.A.W/ltl-calc.
83	1554.75	0.058	0.043			18.4				2.86	A.A.
84	1555.00	0.020	0.014	0.018	0.013	16.4				2.88	A.A.
85	1555.25	0.050	0.037			25.3				2.81	A.A.w/o calc.Decr-Sid.
86	1555.50	0.11	0.081			19.9				2.77	A.A.Incr-calc.
87	1555.75	11.5	9.1			24.3				2.68	A.A.Lt-Gry.F-gr.w/ltl-Sid.w/o-Glauc.
88	1556.00	31.1	25.9	0.91	0.71	24.5				2.68	A.A.Fr-srt.
89	1556.25	177	161			29.8				2.68	A.A.w-srt.w/ltl.Calc.
90	1556.50	1452	1388			34.5				2.66	A.A.w/o-Sid.
91	1556.75	1435	1371			34.3				2.66	A.A.w/cmt.VW-srt.
92	1557.00	3764	3649	2460	2371	34.4				2.65	A.A.
93	1557.50	3472	3363			34.1				2.64	A.A.Decr-calc.
94	1557.75	3312	3206			34.7				2.65	A.A.
95	1558.00	2025	1947	1869	1795	34.2				2.68	A.A.w/ltl.Sid.
96	1558.25	425	396			31.6				2.66	A.A.w/srt.w/o Sid.
97	1558.50	725	684			32.6				2.66	A.A.
98	1558.75	282	260			27.8				2.67	A.A.w/ltl.Calc.
99	1559.00	473	442	224	205	33.4				2.67	A.A.w/ltl.Sid.C.

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 2 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
100	1559.25	3544	3433			33.9				2.64	A.A.w/o Sid.C.
101	1559.50	1381	1320			32.1				2.65	A.A.
102	1560.00	498	466	841	797	30.2				2.66	A.A.
103	1560.25	199	181			31.0				2.68	A.A.
104	1560.50	1534	1468			33.9				2.66	A.A.F/M-Gr.
105	1560.75	205	187			29.9				2.66	A.A.F-gr.Mic-lam.
106	1561.00	127	114	55.0	48.0	26.0				2.68	A.A.
107	1561.25	1135	1081			33.5				2.65	A.A.Fr-cmt.w/C.
108	1561.50	420	391			31.1				2.66	A.A.ltl.C.
109	1561.75	582	546			32.9				2.66	A.A.w/o C.
110	1562.00	243	223	132	118	29.1				2.68	A.A.w/Calc.
111	1562.25	0.053	0.039			7.8				2.69	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w/Mic.
112	1562.75	86.7	76.6			24.1				2.69	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Mic.Calc.
113	1563.00	89.9	79.4	22.9	19.3	25.9				2.67	A.A.W-srt.
114	1563.25	91.4	80.5			22.9				2.68	A.A.Mic-lam.
115	1563.50	72.8	63.9			25.7				2.67	A.A.ltl-Calc.
116	1563.75	80.2	70.7			26.7				2.67	A.A.
117	1564.00	181	165	8.1	7.2	28.2				2.67	A.A.
118	1564.25	24.3	20.0			24.8				2.67	A.A.
119	1564.50	17.9	16.4			24.0				2.66	A.A.
120	1564.75	4.0	3.5			21.1				2.69	A.A.Gry.VF-gr.incr.Mic.lam.
121	1565.20	10.6	8.3	0.80	0.62	23.9				2.66	A.A.Lt-gry.decr-Mic-lam.
122	1565.50	11.9	9.4			22.5				2.68	A.A.
123	1565.75	2.8	2.4			21.6				2.68	A.A.incr-Calc.
124	1566.00	nmp		2.2	1.7	nmp					A.A.fis.
125	1566.25	5.0	4.4			21.9				2.68	A.A.w/o fis.
126	1566.50	2.4	1.9			21.0				2.68	A.A.

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CORE NO.: 2 (cont.)

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GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
127	1566.75	0.91	0.71			20.7				2.68	A.A.VW-cmt.
128	1567.00	0.90	0.70	0.22	0.16	20.3				2.69	A.A.
129	1567.25	4.6	4.0			22.2				2.68	A.A.
130	1567.50	0.47	0.36			18.6				2.70	A.A.w/Pyr.C.
131	1567.75	0.40	0.36			18.5				2.69	A.A.
132	1568.25	0.36	0.28	0.11	0.079	18.9				2.69	A.A.Fr-srt.w/o Pyr.C.w/Clauc.
133	1568.50	18.0	14.6			25.0				2.71	Sst.Gnsh-gry.F-gr.Sbang.W-cmt.w/GlaucMic
134	1568.75	355	329			31.7				2.67	A.A.Lt-gry.Fr-cmt.W-srt.ltl-Glauc.w/calc
135	1569.00	5811	5661	819	775	34.7				2.65	Sd.Lt-gry.M-gr.Fr-srt.w/Mic.ltl-Glauc.
136	1569.25	18.7	15.7			25.8				2.69	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Mic.Calc.
137	1569.50	930	882			31.8				2.66	A.A.F/M-gr.Fr-cmt.W-srt.
138	1569.75	503	471			31.6				2.67	A.A.Fr-srt.
139	1570.00	250	230	94.1	83.2	31.9				2.67	A.A.F-gr.
140	1570.25	143	129			24.5				2.67	A.A.VP-srt.incr.Calc.
141	1570.50	0.16	0.12			7.7				2.72	Calc-sst.Lt-gry.M-gr.Sbang.VW-cmt.w/Mic.
142	1571.00	35.7	30.0	3.8	3.3	31.0				2.68	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Mic.Calc.
143	1571.25	32.7	27.5			26.1				2.68	A.A.W-srt.
144	1571.50	54.4	46.8			28.0				2.68	A.A.
145	1571.75	12.9	10.3			24.0				2.67	A.A.VF-gr.ltl-C.
146	1572.00	25.5	21.2	30.6	28.5	26.5				2.67	A.A.
147	1572.25	15.5	12.5			24.7				2.68	A.A.
148	1572.50	11.8	9.4			23.5				2.68	A.A.
149	1572.75	43.5	37.0			26.9				2.67	A.A.F-gr.
150	1573.00	93.9	82.8	26.5	24.4	26.5				2.69	A.A.VP-srt.
151	1573.50	29.2	24.4			25.3				2.68	A.A.F-gr.W-srt.
152	1573.75	7.6	5.9			21.9				2.66	A.A.C/Mic-lam.
153	1574.00	14.0	11.2	14.1	12.8	21.4				2.69	A.A.incr-Calc.

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GECO
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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
154	1574.25	22.8	18.8			24.8				2.67	A.A.decr-Calc.
155	1574.50	27.6	23.0			24.9				2.67	A.A.
156	1574.75	8.5	6.7			22.9				2.67	A.A.incr-Calc.
157	1575.00	18.9	17.0	6.6	5.8	22.5				2.66	A.A.incr-C.
158	1575.25	18.3	16.4			22.5				2.65	A.A.
159	1575.50	10.4	9.1			23.1				2.66	A.A.
160	1575.75	18.9	17.0			24.0				2.66	A.A.
	1575.90										

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1579.50										
161	1579.50	21.3	17.4			24.6				2.67	Sst.Gry.VF-gr.Sbang.W-cmt.w/mic.Calc.
162	1579.75	9.0	7.9			21.9				2.67	A.A.Fr-Srt.
163	1580.00	nmp		0.018	0.013	nmp					A.A.w/c.
164	1580.25	14.8	12.0			24.2				2.68	A.A.Dk-gry.F-gr.w/o c.
165	1580.50	43.3	36.9			26.4				2.68	A.A.
166	1580.75	257	236			29.5				2.69	A.A.W/Mic-lam.
167	1581.00	264	243	nvpp		27.4				2.69	Sd.Lt-gry.Crs-gr.Sbang.VP-srt.w/calc.
168	1581.25	4.9	4.3			22.9				2.69	Sst.Gry.Vf-gr.Sbang.W-cmt.w/mic.Calc.
169	1581.50	8.8	6.8			24.3				2.68	A.A.W-srt.
170	1581.75	8.5	7.6			23.7				2.65	A.A.
171	1582.25	2670	2577	36.6	31.7	35.5				2.55	A.A.F-gr.W/Mic-lam.
172	1582.50	1530	1465			30.9				2.71	Sd.Lt-gry.Crs-gr.Sbang.VP-srt.w/Calc.
173	1582.75	1304	1245			34.0				2.66	Sst.Lt-gry.F/M-gr.Sbang.Fr-cmt.w/C.
174	1583.00	291	269	36.7	31.0	27.5				2.68	A.A.F-gr.W-cmt.W-srt.W/Mic.ltl-C.Calc.
175	1583.25	104	92.3			27.4				2.66	A.A.
176	1583.50	120	107			27.1				2.59	A.A.w/C.
177	1583.75	389	361			34.0				2.67	A.A.Fr-cmt.w/o C.
178	1584.00	356	330	nvpp		32.0				2.67	A.A.
179	1584.25	nhpp				nhpp					
180	1584.75	3016	2916			32.7				2.66	A.A.F/M-gr.P-cmt.P-srt.
181	1585.25	307	283	30.4	25.6	30.9				2.67	A.A.F-gr.W-cmt.W-srt.
182	1585.50	645	607			32.3				2.65	A.A.Decr-mic.
183	1585.75	1273	1214			31.9				2.68	A.A.Fr-cmt.Fr-srt.
184	1586.00	3629	3517	4513	4384	34.2				2.64	A.A.Decr-Calc.w/o mic.
185	1586.25	4713	4581			33.2				2.64	A.A.
186	1586.50	2071	2991			31.3				2.65	A.A.
187	1586.75	2105	2025			32.0				2.65	A.A.

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GECO
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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
188	1587.00	3625	3513	5333	5191	30.4				2.65	A.A.
189	1587.25	1198	1143			33.1				2.65	A.A.
190	1587.50	1384	1322			34.5				2.65	A.A.
191	1587.75	nhpp				nhpp					
192	1588.00	1274	1217	760	718	34.0				2.65	A.A.
193	1588.25	744	703			34.4				2.68	A.A.w/ltl.pyr.
194	1588.50	804	761			34.4				2.67	A.A.w/o pyr.w/ltl.calc.
195	1588.75	1264	1206			19.4				2.67	A.A.W-cmt.W/Calc.
196	1589.00	743	702	447	417	31.8				2.71	A.A.Decr-calc.w/Pyr.
197	1589.25	834	789			28.6				2.73	A.A.Fr-cmt.Incr-pyr.
198	1589.50	1059	1008			31.1				2.71	A.A.P-cmt.Incr-Calc.Decr-pyr.
199	1590.00	1109	1056	3216	3112	30.6				2.67	A.A.Decr-pyr.Calc.
200	1590.25	6871	6704			32.1				2.66	A.A.F/M-gr.W-srt.
201	1590.50	1997	1919			32.8				2.66	A.A.Fr-cmt.
202	1590.75	587	551			30.5				2.67	A.A.Incr-calc.
203	1591.00	652	614	622	585	33.5				2.65	A.A.
204	1591.25	1328	1268			32.6				2.64	A.A.Decr-calc.
205	1591.50	2689	2595			30.1				2.68	A.A.Fr-srt.Incr-calc.
206	1591.75	7626	7447			30.1				2.67	Sd.Lt-gry.M-gr.Sbang.W-srt.w/ltl.calc.
207	1592.25	3071	2969	1746	1675	30.8				2.64	A.A.w/o Calc.
208	1592.50	6624	6461			32.0				2.65	A.A.
209	1592.75	1095	1042			30.1				2.66	Sst.Lt-gry.F-gr.Sbang.Fr-cmt.w/ltl-pyr.
210	1593.00	2522	2432	2672	2580	34.7				2.64	Sd.gry.F-gr.Sbang.W-srt.W/ltl-calc.
211	1593.25	2394	2308			32.0				2.64	Sst.Gry.F-gr.Sbang.W-cmt.W-srt.v/Calc.
212	1593.50	24.0	19.9			13.8				2.66	Calc-sst.gry.F-gr.Sbang.W-cmt.
213	1593.75	0.26	0.20			8.3				2.67	A.A.
214	1594.00	176	160	0.61	0.47	18.4				2.66	A.A.

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CORE NO.: 3 (cont.)

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GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
215	1594.30	4867	4733			26.2				2.65	Sst.Gry.F-gr.Sbang.P-cmt.Fr-srt.w/calc.
216	1595.50	0.049	0.036	3.0	2.6	4.8				2.68	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w-srt.
217	1595.75	0.035	0.026			4.1				2.68	A.A.
218	1596.00	173	157	164	148	29.5				2.67	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/mic.calc.
219	1596.25	1.5	1.2			16.2				2.67	A.A.Dk-gry.VF-Fr-srt.Incr-mic.w/C.
220	1596.50	88.3	77.6			27.7				2.66	A.A.F-gr.Fr-cmt.w/ltl.C.ltl.pyr.
221	1596.75	1.3	1.0			14.3				2.68	A.A.Lt-gry.W-cmt.Incr-Calc.
222	1597.00	138	124	112	99.4	28.9				2.65	A.A.Decr-calc.w/o pyr.
223	1597.25	424	395			32.2				2.66	A.A.Fr-cmt.
224	1597.50	175	158			28.6				2.67	A.A.Incr-calc.
225	1597.75	0.027	0.020			1.9				2.70	Calc-sst.Lh-gry.F-gr.Sbang.VW-cmt.w/mic.
226	1598.00	0.019	0.013	0.76	0.59	2.1				2.69	A.A.Fr-srt.
227	1598.25	13.4	12.2			4.5				2.68	A.A.
228	1598.50	1509	1444			33.3				2.65	Sst.Lt-gry.F-gr.Sbang.Fr-cmt.W-srt.W/mic
229	1598.75	230	210			31.2				2.65	A.A.incr.mic.
230	1599.00	npp									
231	1599.25	3617	3505			35.3				2.63	A.A.Decr.mic.calc.
232	1599.50	nhpp				nhpp					
233	1600.75	0.046	0.033			4.7				2.67	Calc-Sst.Lh-gry.F-gr.Sbang.VW-cmt.
234	1601.00	0.093	0.069	0.16	0.12	8.9				2.75	A.A.Fr-srt.W/ltl.Sid.
235	1601.25	1639	1571			33.1				2.65	Sst.Lh-gry.F-gr.Sbang.Fr-cmt.w/Calc.
236	1601.50	449	419			32.2				2.67	A.A.W-srt.
237	1601.75	594	558			33.8				2.65	A.A.w/ltl.mic.
238	1602.00	2111	2031	9.7	7.3	33.9				2.64	A.A.Decr-mic.
239	1602.50	2314	2229			36.2				2.65	A.A.Decr-calc.
240	1602.75	1713	1643			34.5				2.64	A.A.Incr-calc.mic.
241	1603.00	1505	1440	nvpp		33.6				2.66	A.A.Decr-mic.

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GECO
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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
242	1603.25	nhpp				nhpp					
243	1603.50	920	873			32.8				2.66	A.A.Incr-calc.
244	1603.75	696	657			33.1				2.66	A.A.
245	1604.00	1573	1507	971	922	35.4				2.66	A.A.
246	1604.25	1112	1059			33.4				2.66	A.A.
247	1604.50	995	946			34.2				2.65	A.A.
248	1604.75	44.4	37.8			22.7				2.69	A.A.Vf-gr.w/mic-lam.
249	1605.00	419	391	760	718	31.6				2.66	A.A.F-gr.
250	1605.25	560	526			32.5				2.65	A.A.w/mic.
251	1605.50	0.018	0.013			4.3				2.68	Calc-Sst.Lt-gry.F-gr.VW-cmt.W-srt.
252	1605.75	382	355			30.6				2.66	Sst-Lt-gry.F-gr.Sbang.Fr-cmt.w/mic.calc.
253	1606.00	257	236	171	155	31.4				2.66	A.A.Fr-srt.
254	1606.25	152	138			29.0				2.67	A.A.
255	1607.00	51.8	45.2	25.7	21.6	26.0				2.67	A.A.Incr-carb.
256	1607.25	21.2	17.7			23.6				2.68	A.A.W-cmt.
	1607.35										

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1607.00										
257	1607.00	16.3	13.1	3.5	3.0	23.1				2.69	Sst.Gry.VF-gr.Sbang.W-cmt.w/mic.calc.
258	1607.25	41.2	35.0			31.0				2.74	A.A.F-gr.W-srt.
259	1607.50	4.2	3.6			22.1				2.76	A.A.Fr-srt.
260	1607.75	259	238			32.5				2.74	A.A.P-cmt.Decr-mic.
261	1608.00	496	464	350	324	34.3				2.66	A.A.Fr-cmt.W-srt.Decr-calc.
262	1608.25	356	330			35.5				2.67	A.A.incr-Calc.
263	1608.50	302	278			34.5				2.67	A.A.incr-Calc.
264	1608.75	199	181			34.4				2.68	A.A.
265	1609.00	107	95.7	126	113	31.2				2.68	A.A.W-cmt.
266	1609.25	217	198			35.7				2.68	A.A.Fr-cmt.
267	1609.75	385	358			29.9				2.67	A.A.
268	1610.00	8.2	7.2	17.4	14.4	14.5				2.69	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.Fr-srt
269	1610.25	5040	4902			36.1				2.63	Sst.Lt-gry.F/M-gr.Sbang.W-cmt.w/Mic.
270	1610.50	0.030	0.022			2.9				2.68	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.
271	1610.75	0.036	0.026			2.5				2.68	A.A.
272	1611.00	0.036	0.026	0.016	0.011	3.2				2.68	A.A.
273	1611.25	0.029	0.021			2.6				2.68	A.A.
274	1611.50	0.080	0.060			4.0				2.68	A.A.
275	1611.75	1133	1078			32.2				2.65	Sst.Lt-gry.F/M-gr.Sbang.W-cmt.w/Calc.
276	1612.00	2466	2378	2832	2296	34.9				2.64	A.A.W-srt.scat-mic.
277	1612.25	1135	1081			34.2				2.65	A.A.Fr-cmt.
278	1612.50	1782	1710			32.7				2.65	A.A.
279	1612.75	925	877			34.8				2.65	A.A.
280	1613.00	887	841	751	710	35.7				2.64	A.A.
281	1613.25	145	131			19.5				2.57	A.A.W-cmt.Cl-lyr.w/C,mic.
282	1613.50	289	266			32.6				2.67	A.A.F-gr.w/o Cl.Decr-C.
283	1613.75	641	603			32.6				2.67	A.A.

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
284	1614.00	147	132	96.8	86.2	30.0				2.67	A.A.
285	1614.25	401	373			33.1				2.67	A.A.
286	1614.50	128	115			29.0				2.69	A.A.Incr.Calc.w/C.
287	1614.75	142	128			28.0				2.68	A.A.
288	1615.00	51.5	44.8	14.2	11.5	24.0				2.69	A.A.incr.Calc.
289	1615.25	1061	1009			35.3				2.67	A.A.w-srt.Decr-Calc.
290	1615.50	907	860			35.7				2.66	A.A.
291	1615.75	11.2	8.9			15.7				2.67	Calc-sst.Gry.F-gr.Sbang.VW-cmt.w/Cl-lyr.
292	1616.00	0.087	0.065	nvpp		3.4				2.69	A.A.w-srt.w/o Cl.
293	1616.25	916	868			31.7				2.66	Sst.Lt-gry.F-gr.Sbang.P-cmt.p-srt.
294	1616.50	245	225			33.1				2.66	A.A.Fr-cmt.
295	1616.75	777	734			33.7				2.67	A.A.Fr-srt.
296	1617.00	969	920	482	450	34.1				2.65	A.A.
297	1617.25	534	501			32.3				2.67	A.A.w/mic.Calc.
298	1617.50	493	461			31.9				2.67	A.A.
299	1617.75	483	451			31.3				2.67	A.A.
300	1618.00	728	687	568	533	33.1				2.64	A.A.
301	1618.25	679	640			34.7				2.66	A.A.Decr.mic.
302	1618.50	184	167			27.5				2.67	A.A.w/mic-lam.
303	1618.75	539	505			30.5				2.70	A.A.incr-calc.w/mic.
304	1619.25	0.33	0.25	0.41	0.31	7.4				2.70	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w-srt.
305	1619.50	0.030	0.022			3.6				2.69	A.A.
306	1619.75	1125	1071			33.8				2.66	Sst.Lt-gry.F-gr.Sbang.w-cmt.w/calc.
307	1620.00	363	337	678	639	33.6				2.66	A.A.Fr-cmt.Fr-srt.w/mic.
308	1620.25	278	256			32.3				2.66	A.A.
309	1620.50	505	472			33.4				2.68	A.A.w-cmt.
310	1620.75	539	505			33.3				2.65	A.A.

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
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CORE NO.: 4 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
311	1621.00	879	833	260	239	34.4				2.67	A.A.Decr-Carb.
312	1621.25	599	563			33.7				2.67	A.A.incr.mic.
313	1621.50	42.5	36.1			24.0				2.71	A.A.
314	1621.75	154	139			29.2				2.67	A.A.
315	1622.00	18.8	15.3	53.2	46.1	23.8				2.67	A.A.
316	1622.25	176	159			32.4				2.67	A.A.Fr-cmt.
317	1622.50	312	288			31.2				2.68	A.A.W-cmt.w-srt.
318	1622.75	1.1	0.88			10.0				2.69	Calc-sst.Gry.F-gr.Sbang.VW-cmt.
319	1623.00	17.4	14.1	117	104	24.4				2.72	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Mic.Calc.
320	1623.25	0.020	0.014			2.8				2.69	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.Fr-srt
321	1623.50	0.039	0.029			4.3				2.70	A.A.
322	1623.75	0.029	0.021			2.5				2.71	A.A.
323	1624.00	0.020	0.015	0.018	0.013	2.4				2.70	A.A.
324	1624.25	126	113			28.6				2.69	Sst.Gry.F-gr.Sbang.w-cmt.scat-mic.calc.
325	1624.50	144	130			29.3				2.72	A.A.
326	1624.75	169	153			30.5				2.70	A.A.
327	1625.00	0.045	0.033	0.058	0.043	2.0				2.70	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w-srt.
328	1625.25	0.098	0.073			4.2				2.70	A.A.
329	1625.50	0.066	0.049			3.7				2.70	A.A.
330	1625.75	0.059	0.043			5.0				2.69	A.A.
331	1626.00	157	142	19.7	16.4	30.7				2.67	Sst.Gry.F-gr.Sbang.Fr-cmt.w/Mic.calc.
332	1626.25	180	164			31.6				2.67	A.A.W-cmt.w-srt.
333	1626.50	211	193			31.1				2.67	A.A.
334	1626.75	109	96.5			29.4				2.66	A.A.
335	1627.00	185	168	16.1	13.2	31.4				2.66	A.A.w/mic-lam.
336	1627.25	130	117			29.9				2.66	A.A. w/mic.
337	1627.50	88.5	78.3			29.2				2.68	A.A.

FINAL REPORT

COMPANY : STATOIL
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CORE NO.: 4 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
338	1627.75	46.3	40.2			29.6				2.68	A.A.
339	1628.00	26.9	22.9	16.2	13.3	26.7				2.66	A.A.
340	1628.50	0.027	0.020			4.5				2.70	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.Fr-srt
341	1628.75	4.4	3.7			17.4				2.67	A.A.w-srt.scat-mic.
342	1629.00	145	130	108	96.6	29.3				2.67	Sst.Gry.F-gr.Sbang.W-cmt.w/calc.mic.
343	1629.25	286	264			32.3				2.67	A.A.Fr-srt.
344	1629.50	9.9	7.8			24.6				2.69	A.A.incr-mic.
345	1629.75	210	191			31.5				2.67	A.A.W-srt.
346	1630.00	89.3	79.1	80.1	70.9	28.8				2.67	A.A.
347	1630.25	116	104			30.6				2.67	A.A.
348	1630.50	161	145			30.9				2.69	A.A.
349	1630.75	20.3	16.5			26.4				2.67	A.A.
350	1631.00	18.0	14.7	8.3	6.6	26.6				2.67	A.A.VF-gr.
351	1631.25	13.4	10.8			24.5				2.70	A.A.incr-Calc.
352	1631.50	40.1	34.4			27.7				2.69	A.A.scat-mic.
353	1631.75	11.1	8.8			24.7				2.68	A.A.incr-mic.
354	1632.00	49.9	43.2	14.6	12.0	28.9				2.68	A.A.F-gr.
355	1632.25	12.7	10.2			25.1				2.68	A.A.VF-gr.
356	1632.50	22.0	18.1			28.3				2.69	A.A.
357	1632.75	15.5	12.5			26.2				2.68	A.A.
358	1633.00	12.3	9.8	4.6	4.0	25.2				2.68	A.A.
359	1633.25	6.4	5.6			27.0				2.68	A.A.
360	1633.50	6.0	5.3			23.4				2.67	A.A.
	1633.50										

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FIELD : 31/6
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GECO
GEOPHYSICAL COMPANY OF NORWAY A·S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1634.50										
361	1634.50	8.1	7.1			23.6				2.68	Sst.Lt-gry.VF-gr.Sbang.W-cmt.w/mic.pyr.
362	1634.75	8.7	7.6			23.6				2.68	A.A.Fr-srt.w/ltl.Calc.w/o pyr.
363	1635.00	836	791	10.0	9.0	26.8				2.69	A.A.w/mic-lam.
364	1635.25	1.9	1.5			20.3				2.68	A.A.incr.mic.decr.calc.
365	1635.50	1.7	1.4			20.8				2.68	A.A.w/ltl.pyr.
366	1635.75	1.4	1.1			20.6				2.68	A.A.
367	1636.00	2.0	1.6	0.54	0.42	20.8				2.67	A.A.w/ltl.C.
368	1636.25	1.4	1.1			20.8				2.67	A.A.
369	1636.50	1.2	0.94			20.1				2.68	A.A.
370	1636.75	1.5	1.2			21.0				2.70	A.A.incr-pyr.
371	1637.25	4.7	4.0	2.4	1.9	19.2				2.72	AA.M-grSbangVP-srt.w/oMic.w/calc.ltl-pyr
372	1637.50	1.7	1.3			22.0				2.71	A.A.
373	1637.75	0.11	0.078			10.3				2.73	A.A.F-gr.VW-cmt.P-srt.
374	1638.00	0.22	0.16	0.092	0.069	9.7				2.70	A.A.VP-srt.
375	1638.25	0.22	0.17			9.2				2.69	A.A.
376	1638.50	3.6	3.0			17.7				2.70	A.A.M-gr.P-srt.
377	1638.75	381	354			28.3				2.69	Sd.Lt-gry.F-gr.Sbang.P-srt.w/calc.
378	1639.00	58.0	50.5	30.4	25.7	31.1				2.72	Sst.Gry.F-gr.Sbang.Fr-cmt.w-srt.w/calc.
379	1639.25	933	885			30.2				2.72	Sd.Lt-gry.F-gr.Sbang.Fr-srt.w/calc.
380	1639.50	0.061	0.045			6.0				2.74	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.Fr-srt
381	1639.75	0.21	0.16			12.8				2.70	A.A.
382	1640.00	4331	4207	123	110	26.5				2.66	A.A.VP-cmt.
383	1640.25	503	471			30.4				2.66	A.A.P-cmt.
384	1640.50	412	384			30.4				2.66	A.A.
385	1640.75	109	97.3			31.8				2.65	A.A.
386	1641.00	0.086	0.064	143	136	10.2				2.69	A.A.VW-cmt.
387	1641.25	112	101			31.3				2.66	Sst.Gry.F-gr.Sbang.w-cmt.Fr-srt.w/calc.

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COMPANY : STATOIL
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FIELD : 31/6
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CORE NO.: 5 (cont.)

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GECO
GEOPHYSICAL COMPANY OF NORWAY A/S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
388	1641.50	229	210			32.5				2.65	A.A.Fr-cmt.
389	1641.75	87.9	78.1			30.4				2.65	A.A.
390	1642.00	18.2	15.0	37.5	32.3	28.0				2.71	A.A.w-cmt.
391	1642.25	67.2	59.1			30.1				2.66	A.A.
392	1642.50	nmp									A.A.Crs-gr.P-srt.
393	1642.75	17750	17450			31.6				2.64	A.A.M-gr.P-cmt.
394	1643.00	4.4	3.8	108	102	22.6				2.70	A.A.VF-gr.w-cmt.w/calc.pyr.mic-lam.
395	1643.25	4.7	4.1			22.5				2.66	A.A.w/o pyr.
396	1643.50	6.6	5.8			23.5				2.67	A.A.
397	1643.75	3.5	3.0			21.5				2.67	A.A.
398	1644.00	2.7	2.1	1.4	1.1	20.8				2.67	A.A.
399	1644.25	23.1	19.4			25.8				2.69	A.A.Decr-mic.
400	1644.50	25.3	21.3			25.0				2.69	A.A.
401	1644.75	14.8	12.1			23.5				2.68	A.A.
402	1645.00	46.2	40.1	26.9	24.4	26.7				2.70	A.A.F-gr.incr-calc.
403	1645.25	102	90.9			29.5				2.68	A.A.
404	1645.50	85.3	75.6			27.8				2.68	A.A.
405	1645.75	64.9	57.0			27.1				2.67	A.A.
406	1646.25	0.12	0.089	0.002	<0.01	7.7				2.70	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w-srt.
407	1646.50	0.070	0.052			4.9				2.70	A.A.
408	1646.75	281	259			28.1				2.69	Sst.Gry.F-gr.Sbang.w-cmt.bdg.w/Calc.
409	1647.00	28.9	24.7	5.3	4.6	24.9				2.67	A.A.w/o bdg.w/mic.
410	1647.25	59.4	52.2			26.3				2.67	A.A.
411	1647.50	46.1	39.7			25.8				2.67	A.A.
412	1647.75	0.74	0.58			17.0				2.68	A.A.incr-calc.Decr-mic.
413	1648.00	11.7	9.4	6.6	5.9	22.6				2.66	A.A.Decr-calc.incr-mic.
414	1648.25	23.9	20.0			25.0				2.65	A.A.

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CORE NO.: 5 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
415	1648.50	12.3	9.9			23.5				2.65	A.A.w/mic-lam.
416	1648.75	13.1	10.6			22.6				2.66	A.A.
417	1649.00	11.0	8.7	2.0	1.6	22.5				2.67	A.A.
418	1649.25	5.7	4.9			22.0				2.67	A.A.
419	1649.50	5.1	4.4			22.1				2.67	A.A.
420	1649.75	6.9	5.3			23.0				2.66	A.A.
421	1650.00	4.6	4.0	0.66	0.51	21.1				2.66	A.A.
422	1650.25	1.1	0.88			18.8				2.65	A.A.
423	1650.50	1.8	1.5			20.5				2.67	A.A.
424	1650.75	1.2	0.94			19.3				2.66	A.A.
425	1651.00	1.2	0.94	0.17	0.13	18.8				2.64	A.A.
426	1651.25	1.6	1.2			20.3				2.65	A.A.
427	1651.50	1.0	0.79			17.4				2.69	A.A.
428	1651.75	0.53	0.41			15.7				2.73	A.A.incr-calc.
429	1652.00	0.13	0.097	0.055	0.041	8.6				2.73	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.W-srt.
430	1652.25	0.11	0.085			6.1				2.70	A.A.
431	1652.50	0.12	0.089			6.7				2.71	A.A.
432	1652.75	315	292			27.8				2.69	Sst.Gry.F/M-gr.Sbang.w-cmt.P-srt.w/Calc.
433	1653.00	403	375	89.4	84.2	29.7				2.67	A.A.Fr-srt.
434	1653.25	542	509			29.7				2.68	A.A.F-gr.w/mic-lam.
435	1653.50	1139	1085			31.9				2.67	A.A.VW-srt.decr-mic-lam.
436	1653.75	246	226			28.4				2.67	A.A.W-srt.mic-lam.
437	1654.00	561	526	173	165	29.3				2.67	A.A.
438	1654.25	395	367			28.1				2.67	A.A.
439	1654.50	804	760			33.6				2.68	A.A.w/scat-mic.
440	1654.75	800	757			30.4				2.67	A.A.w/mic-lam.
441	1655.00	505	472	235	225	30.9				2.67	A.A.

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COMPANY : STATOIL
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FIELD : 31/6
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CORE NO.: 5 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
442	1655.50	59.6	52.4			24.9				2.68	A.A.VF-gr.
443	1655.75	582	547			31.7				2.68	A.A.F-gr.w/scat-mic.
444	1656.00	167	151	6.6	5.9	26.7				2.66	A.A.w/mic-lam.
445	1656.25	549	515			32.4				2.68	A.A.incr-mic.w/scat-mic.
446	1656.50	110	98.8			25.7				2.68	A.A.w/Mic-lam.
447	1656.75	39.9	34.5			24.0				2.67	A.A.
448	1657.00	14.7	12.0	3.3	2.8	22.7				2.66	A.A.Decr-calc.
449	1657.25	8.1	6.3			20.6				2.66	A.A.VF-gr.
450	1657.50	1.1	0.84			17.4				2.58	A.A.Bdg.w/Cl.
451	1657.75	6.9	6.0			22.1				2.65	A.A.w/o Cl.
452	1658.00	2.6	2.0	0.53	0.41	20.3				2.67	A.A.
453	1658.25	3.4	2.9			19.8				2.63	A.A.
454	1658.50	3.0	2.5			20.6				2.66	A.A.
455	1658.75	1.7	1.3			19.3				2.66	A.A.
456	1659.00	2.6	2.1	1.1	0.83	20.9				2.67	A.A.incr-calc.
457	1659.25	4.5	3.7			21.7				2.67	A.A.
458	1659.50	5.7	4.7			21.4				2.67	A.A.
459	1659.75	2.4	1.9			20.2				2.68	A.A.
460	1660.00	11.6	10.5	1.1	0.85	23.2				2.71	A.A.scat-mic.w/pyr.
461	1660.25	3.0	2.5			18.6				2.71	A.A.F-gr.p-srt.
462	1660.50	831	808			28.0				2.71	A.A.M-gr.Fr-srt.
463	1660.75	26.7	24.3			25.6				2.68	A.A.F-gr.w/o pyr.
464	1661.00	8.6	7.7	3.8	3.3	23.6				2.69	A.A.incr-calc.
465	1661.25	18.4	16.9			24.5				2.67	A.A.W-srt.
466	1661.50	21.3	19.6			24.7				2.67	A.A.
467	1661.75	32.4	30.1			24.5				2.65	A.A.w/C.
468	1662.00	30.2	28.1	5.8	5.1	24.1				2.67	A.A.w/o C.
469	1662.25	28.5	26.4			24.9				2.68	A.A.
	1662.25										

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COMPANY : STATOIL
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STATE : NORWAY

CORE NO.: 6

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GECO
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Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1662.25										
470	1662.25	12.8	11.4				22.3			2.66	Sst.Gry.VF-gr.Sbang.W-cmt.w/calc.mic-lam
471	1662.50	5.6	4.9				21.6			2.66	A.A.W-srt.
472	1662.75	4.6	3.9				21.1			2.62	A.A.
473	1663.00	6.1	5.3	0.83	0.65		21.1			2.66	A.A.
474	1663.25	5.1	4.5				21.7			2.65	A.A.
475	1663.50	5.0	4.4				20.5			2.67	A.A.
476	1663.75	8.5	7.6				18.3			2.72	A.A.M-gr.Fr-srt.w/Pyr.
477	1664.00	163	155	5.2	4.5		25.6			2.70	A.A.F/M-gr.Decr-Pyr.scat-mic.
478	1664.25	117	105				25.2			2.66	A.A.Fr-cmt.P-srt.
479	1664.50	8822	8628				29.8			2.66	A.A.Fr-srt.
480	1664.75	264	253				29.6			2.67	A.A.F-gr.W-cmt.
481	1665.00	197	188	25.6	23.3		28.9			2.67	A.A.w-srt.incr-calc.
482	1665.25	163	155				28.0			2.66	A.A.
483	1665.50	238	228				28.6			2.66	A.A.Mic-lam.
484	1665.75	70.4	65.8				24.0			2.67	A.A.
485	1666.00	0.30	0.23	0.035	0.026		10.2			2.69	A.A.VW-cmt.w/C.ltl-Sid.
486	1666.25	0.072	0.053				7.1			2.69	A.A.
487	1666.50	0.016	0.011				2.7			2.70	A.A.VF-gr.w/o C
488	1666.75	0.013	<0.01				3.3			2.70	A.A.
489	1667.00	0.035	0.025	0.012	<0.01		6.7			2.70	A.A.w/C
490	1667.25	0.17	0.13				11.5			2.69	A.A.C-lam.
491	1667.50	10.9	9.8				21.0			2.67	A.A.F-gr.W-cmt.decr-Calc.w/o Sid.
492	1667.75	59.4	55.6				25.1			2.68	A.A.
493	1668.00	28.2	25.9	6.0	5.3		23.6			2.67	A.A.
494	1668.25	46.6	43.3				25.8			2.67	A.A.
495	1668.50	36.0	33.3				25.6			2.67	A.A.
496	1668.75	84.1	79.2				27.3			2.67	A.A.
497	1669.00	55.2	51.5	8.8	7.8		26.9			2.67	A.A.
498	1669.25	16.6	15.0				24.2			2.66	A.A.

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
499	1669.50	5.8	5.1			22.0				2.65	A.A.
500	1669.75	3.9	3.4			21.4				2.66	A.A.
501	1670.00	4.6	4.0	1.6	1.3	21.8				2.66	A.A.
502	1670.25	4.4	3.8			21.6				2.67	A.A.
503	1670.75	14.1	12.8			24.6				2.67	A.A.
504	1671.00	13.3	12.0	4.5	3.9	24.4				2.67	A.A.
505	1671.25	3.0	2.5			21.1				2.67	A.A.
506	1671.50	6.0	5.3			21.7				2.68	A.A.Fr-srt.ltl-Pyr.
507	1671.75	1.3	1.0			15.3				2.70	A.A.P-srt.incr-Pyr.
508	1672.00	105	98.9	79.2	74.1	28.7				2.67	A.A.Fr-cmt.W-srt.w/o C,Pyr.
509	1672.25	13.5	12.1			18.9				2.68	A.A.W-cmt.P-srt.w/Pyr.
510	1672.50	25.7	23.6			22.7				2.68	A.A.
511	1672.75	381	368			29.3				2.68	A.A.Fr-cmt.W-srt.C-lam.
512	1673.00	510	493	399	371	31.3				2.68	A.A.w/foss
513	1673.25	41.6	38.4			25.5				2.67	A.A.W-cmt.w/o Pyr.
514	1673.50	77.1	72.2			23.4				2.67	A.A.
515	1673.75	239	229			28.3				2.67	A.A.Fr-cmt.
516	1674.00	169	160	13.7	12.3	27.8				2.67	A.A.
517	1674.25	224	205			28.7				2.68	A.A.
518	1674.50	341	316			27.3				2.67	A.A.
519	1674.75	52.6	46.0			24.8				2.67	A.A.W-cmt.
520	1675.00	99.4	88.5	4.0	3.4	22.3				2.67	A.A.
521	1675.25	518	485			30.3				2.68	A.A.Fr-cmt.
522	1675.50	40.6	35.1			21.7				2.66	A.A.W-cmt.incr-C.
523	1675.75	71.6	63.1			25.4				2.67	A.A.
524	1676.00	32.8	28.0	0.54	0.42	24.6				2.68	A.A.ltl-C.
525	1676.25	9.0	7.9			21.8				2.67	A.A.incr-C
526	1676.50	53.5	46.6			25.6				2.68	A.A.decr-C
527	1676.75	113	101			25.7				2.68	A.A.

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
528	1677.00	2.1	1.6	2.2	1.7	19.1				2.67	A.A.VW-cmt.
529	1677.25	2.8	2.3			20.1				2.67	A.A.
530	1677.50	5.0	4.4			20.1				2.70	A.A.w/Pyr.
531	1677.75	17.5	14.4			23.1				2.75	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Mic.PyrSid
532	1678.00	209	199	118	111	30.5				2.72	A.A.Fr-cmt.W-srt.decr.Pyr.Sid w/Mic.Calc
533	1678.25	140	133			29.0				2.70	A.A.
534	1678.50	69.2	64.5			28.3				2.72	A.A.w/foss.
535	1678.75	150	142			29.7				2.68	A.A.w/o Pyr.Sid.
536	1679.00	145	137	128	121	30.6				2.69	A.A.
537	1679.50	545	527			32.0				2.67	A.A.
538	1679.75	24.3	22.0			23.8				2.68	A.A.W-cmt.C/Mic-lam.
539	1680.00	59.8	55.7	58.3	54.2	26.7				2.67	A.A.
540	1680.25	40.8	37.6			25.4				2.67	A.A.
541	1680.50	21.9	20.0			24.0				2.70	A.A.w/Pyr.
542	1680.75	24.2	22.1	84.1	79.0	24.1				2.68	A.A.decr-Pyr.
543	1681.00	1144	1089			25.5				2.67	Sst.Lt-gry.F-gr.Sbang.Fr-cmtP-srt.w/Calc
544	1681.25	729	688			31.3				2.68	A.A.Fr-srt.w/Mic.
545	1681.50	847	802			29.4				2.67	A.A.W-srt.
546	1681.75	31.8	29.2			19.4				2.68	A.A.W-cmt.incr-Calc.
547	1682.00	94.1	88.5	12.6	11.3	23.4				2.68	A.A.
548	1682.25	310	298			30.1				2.68	A.A.Fr-cmt.
549	1682.50	360	334			29.3				2.67	A.A.
550	1682.75	8.9	8.0			9.3				2.67	Sst.Lt-gry.M/Crs-gr.Sbang.VW-cmt.VP-srt.
551	1683.00	2.0	1.6	0.016	0.011	3.8				2.72	Calc-sst.Gry.F-gr.Sbang.VW-cmt.w/Mic.Pyr
552	1683.25	0.079	0.059			7.8				2.70	A.A.W-srt.decr-Pyr.w/foss.
553	1683.50	0.018	0.013			2.6				2.71	A.A.
554	1683.75	5.9	5.2			19.7				2.70	A.A.W-cmt.
555	1684.00	13.3	11.9	2.9	2.4	22.5				2.68	A.A.

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
556	1684.25	12.3	11.0			21.9				2.70	A.A.Mic-lam.w/Pyr.C.
557	1684.50	21.4	19.4			23.1				2.70	A.A.
558	1684.75	7.4	6.5			23.6				2.69	A.A.
559	1685.00	22.3	20.3	8.6	7.7	23.9				2.69	A.A.
560	1685.25	154	146			29.0				2.68	A.A.
561	1685.50	9.9	8.8			20.1				2.73	A.A.incr.Pyr.w/Sid.
562	1685.75	13.0	11.7			19.3				2.69	A.A.decr-Pyr.Sid.
563	1686.00	17.2	15.7	4.5	3.9	2.67				2.67	A.A.
564	1686.25	522	489			29.0				2.66	A.A.w/o C/Mic-lam.Pyr.Sid.
565	1686.50	25.8	23.5			24.7				2.67	A.A. C/Mic-lam.
566	1686.75	7.3	6.1			21.4				2.68	A.A.
567	1687.00	183	175	105	99.4	28.7				2.66	A.A.w/o C/Mic-lam.w/Mic.
568	1687.25	571	536			30.4				2.65	A.A.Fr-cmt.
569	1687.50	42.0	38.8			25.2				2.67	A.A.W-cmt.w/Pyr.C.
570	1687.75	21.3	19.4			24.0				2.65	A.A.w/o Calc.
571	1688.75	97.9	92.0			27.7				2.66	A.A.w/Calc.
572	1689.00	633	596	249	238	31.6				2.66	A.A.Fr-cmt.Fr-srt.w/o Pyr.C.
573	1689.25	194	185			27.5				2.67	A.A.Cl-lam.
	1689.42										

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1689.42										
574	1689.50	2635	2588			31.9				2.66	Sst.Lt-gry.F/M-gr.Sbang.Fr-cmt.Mic-lam.
575	1689.75	2201	2159			31.1				2.65	A.A.W-srt.
576	1690.00	2935	2885	104	98.7	29.6				2.66	A.A.w/Calc.
577	1690.25	3219	3166			30.2				2.65	A.A.P-srt.
578	1690.50	2900	2850			28.6				2.65	A.A.
579	1690.75	nmp				26.7				2.65	A.A.P-cmt.
580	1691.00	1921	1882	1723	1687	31.6				2.65	A.A.Fr-cmt.
581	1691.25	3593	3536			32.1				2.65	A.A.w/o Calc.
582	1691.50	4069	4008			31.5				2.65	A.A.P-cmt.
583	1691.75	996	971			31.3				2.66	A.A.Fr-cmt.w/Calc.
584	1692.00	373	359	324	311	30.5				2.66	A.A.
585	1692.25	320	308			29.4				2.67	A.A.
586	1692.50	57.9	53.6			26.0				2.74	A.A.w/Pyr.
587	1692.75	352	338			29.8				2.67	A.A.ltl-Pyr. w/C
588	1693.00	297	285	123	116	29.5				2.66	A.A.
589	1693.25	109	102			27.7				2.72	A.A.
590	1693.50	39.2	36.3			26.0				2.68	A.A.F-gr.W-cmt.
591	1693.75	46.1	42.9			25.6				2.69	A.A.C-lam.w/Pyr.
592	1694.00	25.0	22.8	4.7	4.1	24.8				2.68	A.A.
593	1694.25	23.0	21.0			25.5				2.69	A.A.decr-C.Pyr.
594	1694.50	14.8	13.2			24.2				2.67	A.A.incr-C.
595	1694.75	10.2	8.9			23.6				2.70	A.A.incr-Pyr.
596	1695.00	5.2	4.5	2.7	2.3	20.5				2.86	A.A.w/Sid.
597	1695.25	5.5	4.8			21.8				2.70	A.A.decr-Sid.Pyr.
598	1695.50	nmp				21.7				2.67	A.A.w/o Sid.
599	1695.75	17.6	16.1			25.4				2.69	A.A.ltl-C.
600	1696.00	198	189			26.9				2.70	A.A.

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
601	1696.25	152	144	25.6	23.6	30.9				2.79	Sst.Lt-gry.F-gr.Sbang.Fr-cmt.w/Pyr.foss
602	1696.50	162	154			29.2				2.68	A.A.W-srt.w/o Pyr.w/Calc.
603	1697.00	184	175	217	208	28.7				2.67	A.A.
604	1697.25	361	348			30.4				2.67	A.A.
605	1697.50	250	239			28.4				2.71	A.A.w/Pyr.
606	1697.75	306	293			29.4				2.66	A.A.w/o Pyr.
607	1698.00	27.4	25.1	12.8	11.4	23.1				2.69	A.A.C/Mic-lam.w/Pyr.
608	1698.25	0.011	<0.01			3.1				2.68	Calc-sst.Lt-gry.F-gr.SbangVW-cmt.w/Mic.C
609	1698.50	0.012	<0.01			3.0				2.68	A.A.W-srt.
610	1698.75	0.017	0.012			3.1				2.70	A.A.w/foss.
611	1699.00	0.021	0.015	0.002	<0.01	4.0				2.69	A.A.
612	1699.25	0.32	0.24			9.3				2.70	A.A.W-cmt.
613	1699.50	134	127			28.0				2.67	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Calc.Mic.
614	1699.75	107	101			26.8				2.66	A.A.W-srt.
615	1700.00	49.3	45.8	43.9	40.9	25.9				2.66	A.A.w/foss.Mic-lam.C.
616	1700.25	61.3	57.3			25.8				2.66	A.A.
617	1700.50	71.5	67.0			25.9				2.66	A.A.
618	1700.75	187	179			28.4				2.66	A.A.
619	1701.00	347	335	186	178	30.3				2.66	A.A.Fr-cmt.
620	1701.25	214	205			28.4				2.66	A.A.
621	1701.50	178	169			27.7				2.67	A.A.
622	1701.75	101	95.1			26.5				2.66	A.A.
623	1702.00	116	110	19.4	16.1	25.7				2.67	A.A.
624	1702.25	0.025	0.018			5.5				2.70	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w/Mic.
625	1702.50	0.71	0.55			12.7				2.69	A.A.W-cmt.W-srt.decr-Calc.
626	1702.75	0.013	<0.01			3.7				2.70	A.A.VW-cmt.incr-Calc.
627	1703.00	4.1	3.5	0.023	0.016	17.3				2.68	A.A.W-cmt.ltl-Calc.w/Cl.C.

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
628	1703.25	26.8	24.8			22.8				2.67	A.A.w/o Cl.
629	1703.50	76.1	71.5			27.8				2.67	A.A.
630	1703.75	108	103			28.8				2.66	A.A.
631	1704.00	148	141	64.0	59.8	28.6				2.67	A.A.
632	1704.25	93.7	88.4			27.0				2.67	A.A.Mic-lam.
633	1704.50	61.9	57.9			26.3				2.68	A.A.
634	1704.75	40.1	37.1			25.3				2.68	A.A.
635	1705.00	6.3	5.5	4.8	4.1	21.0				2.70	A.A.w/Pyr.
636	1705.25	40.2	37.2			25.7				2.68	A.A.w/o Pyr.
637	1705.50	16.8	15.1			23.8				2.66	A.A.incr-C.
638	1706.00	24.8	22.7	12.8	11.6	24.5				2.69	A.A.w/Pyr.
639	1706.25	2.5	2.0			19.8				2.69	A.A.
640	1706.50	1.0	0.78			18.5				2.67	A.A.VF-gr.w/o Calc.
641	1706.75	0.74	0.57			16.9				2.69	A.A.
642	1707.00	1.3	1.0	0.68	0.53	19.0				2.70	A.A.w/Calc.
643	1707.25	0.97	0.76			19.2				2.68	A.A.
644	1707.50	0.44	0.34			17.0				2.69	A.A.
645	1707.75	0.45	0.35			17.9				2.73	A.A.incr-Pyr.
646	1708.00	0.39	0.30	0.14	0.10	17.7				2.70	A.A.
647	1708.25	0.38	0.29			18.0				2.68	A.A.decr-Pyr.
648	1708.50	0.11	0.078			20.9				2.77	Sst.lt-gry.M-gr.Sbang.VW-cmt.w/Cl.Sid
649	1708.75	0.097	0.072			16.5				2.72	A.A.F-gr.W-srt.w/o Sid.w/Calc.Glauc.
650	1709.00	0.021	0.015	0.004	<0.01	3.6				2.69	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w/Mic.
651	1709.25	0.021	0.015			4.5				2.69	A.A.W-srt.w/C.Sid.
652	1709.50	0.15	0.12			10.5				2.70	A.A.w/Pyr.
653	1709.75	275	264			30.5				2.68	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Calc.Mic.
654	1710.00	589	570	18.9	17.3	31.1				2.66	A.A.Fr-cmt.W-srt.

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Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
655	1710.25	248	237			26.1				2.66	A.A.Fr-srt.Mic-lam.w/C.
656	1710.50	58.7	54.6			26.7				2.67	A.A.W-srt.
657	1710.75	7.6	6.7			21.8				2.72	A.A.W-cmt.Cl/Mic-lam.w/Sid.Pyr.
658	1711.00	89.2	84.0	3.2	2.7	24.1				2.69	A.A.w/o Sid.Pyr.w/Calc.
659	1711.25	0.38	0.29			17.1				2.72	A.A.Gry.VF-gr.w/Sid.
660	1711.50	10.8	9.7			22.5				2.69	A.A.Lt-gry.ltl-Sid.Pyr.
661	1711.75	2.2	1.7			19.8				2.75	A.A.incr.Pyr.Sid.w/foss.
662	1712.00	0.43	0.33	0.17	0.12	13.3				2.83	Calc-sltst.Lt-gry.Consol.C-lam.w/Sid.Pyr
663	1712.25	1.6	1.3			19.4				2.68	Sst.Lt-gry.Vf-gr.Sbang.W-cmt.C/Mic-lam.
664	1712.50	0.71	0.55			17.6				2.71	A.A.W-srt.w/Pyr.Calc.
665	1712.75	1.0	0.79			16.9				2.72	A.A.Gry.w/Cl.
666	1713.00	0.80	0.62	0.26	0.20	19.0				2.67	A.A.incr-C.ltl-Pyr.
667	1713.25	0.49	0.37			13.1				2.67	A.A.
668	1713.50	0.91	0.71			19.0				2.68	A.A.
669	1713.75	0.25	0.19			16.4				2.71	A.A.incr-Pyr.
670	1714.00	0.70	0.54	0.042	0.031	15.1				2.69	A.A.decr-Pyr.
671	1714.25	0.75	0.58			17.9				2.66	A.A.w/o Pyr.
672	1714.50	0.66	0.51			18.4				2.67	A.A.Fr-srt.
673	1714.75	2.5	2.0			23.2				2.72	Sst.Lt-gry.F-gr.Sbang.W-cmt.Calc.P-srt.
674	1715.25	0.88	0.69	0.46	0.35	19.1				2.69	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Mic.C.Calc
675	1715.50	3.0	2.4			21.8				2.68	A.A.W-srt.
676	1715.75	4.0	3.5			22.3				2.68	A.A.
677	1716.00	1.5	1.2	0.43	0.33	21.0				2.69	A.A.
678	1716.25	0.83	0.64			19.3				2.71	A.A.w/Pyr.
	1716.42										

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 8

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1716.42										
679	1716.50	0.28	0.21			17.5				2.70	Sst.Gry.VF-gr.Sbang.W-cmt.w/Calc.Mic.
680	1716.75	0.46	0.35			17.8				2.72	A.A.W-srt.Cl/Mic-lam.w/Sid.C.
681	1717.00	0.79	0.61	0.28	0.21	19.8				2.68	A.A.F-gr.decr-Sid.
682	1717.25	0.55	0.43			19.9				2.69	A.A.
683	1717.50	0.33	0.25			17.5				2.70	A.A.VF-gr.
684	1717.75	0.089	0.066			16.5				2.70	A.A.
685	1718.00	0.21	0.16	0.14	0.11	17.3				2.69	A.A.
686	1718.25	0.21	0.16			17.4				2.68	A.A.
687	1718.50	0.27	0.21			16.9				2.70	A.A.w/Pyr.
688	1718.75	70.2	0.66			24.7				2.69	sst.Lt-gry.M-gr.Sbang.W-cmt.mtrx.w/Glauc
689	1719.00	77.5	72.7	259	249	24.0				2.68	A.A.bdg.w/Mic.
690	1719.25	5048	4978			33.0				2.64	Sst.Lt-gry.F/M-gr.Sbang.Fr-cmt.w/Mic.
691	1719.50	4419	4355			33.7				2.64	A.A.VW-srt.
692	1719.75	4225	4162			33.6				2.64	A.A.
693	1720.00	5901	5824	5747	5671	33.0				2.64	A.A.
694	1720.25	2441	2396			32.7				2.65	A.A.
695	1720.50	4652	4585			33.1				2.64	A.A.
696	1720.75	2353	2309			32.5				2.64	A.A.
697	1721.00	3703	3645	3733	3675	32.6				2.64	A.A.
698	1721.25	0.025	0.018			10.5				2.68	Calc-sst.Lt-gry.F/M-gr.SbangVW-cmt.w/Mic
699	1721.50	nmp				23.5				2.93	Sst.Lt-gry.F-gr.Sbang.Fr-cmt.w/Pyr.Sid.C
700	1721.75	2120	2079			32.8				2.65	A.A.F/M-gr.W-srt.w/o Pyr.Sid.C.
701	1722.00	56.5	52.8	3.5	3.0	23.7				2.69	A.A.Cl/Mic-lam.w/C
702	1722.25	1.6	1.3			18.4				2.72	A.A.Gry.F-gr.VW-cmt.
703	1722.50	929	905			30.9				2.67	Sst.Lt-gry.F-gr.Sbang.Fr-cmt.w/Mic.Calc.
704	1722.75	147	140			25.9				2.69	A.A.W-cmt.Cl/Mic-lam.w/Pyr.C.
705	1723.00	2.8	2.3	0.31	0.23	19.7				2.70	A.A.
706	1723.25	86.4	81.4			27.1				2.68	A.A.Fr-cmt.decr.Pyr.C.
707	1723.50	190	181			26.6				2.67	A.A.
708	1723.75	0.93	0.72			18.7				2.73	A.A.Gry.VW-cmt.incr-Cl.Pyr.w/Sid.

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 8 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
709	1724.00	0.31	0.24	1.3	1.0	16.8				2.68	A.A.VF-gr.ltl-Pyr.w/o Sid.
710	1724.25	0.44	0.33			17.2				2.69	A.A.
711	1724.50	nmp				18.2				2.67	A.A.F-gr.fis.w/o Pyr.
712	1725.00	0.81	0.63	0.22	0.17	18.2				2.67	A.A.
713	1725.25	2.1	1.6			20.7				2.66	A.A.
714	1725.50	0.82	0.63			18.4				2.68	A.A.Lt-gry.decr.Cl.
715	1725.75	0.77	0.60			19.2				2.66	A.A.
716	1726.00	0.90	0.70	0.082	0.061	18.9				2.69	A.A.w/Pyr.
717	1726.25	0.84	0.26			17.7				2.70	A.A.w/o Pyr.w/sid.
718	1726.50	0.30	0.23			15.9				2.67	A.A.Gry.incr-Cl.ltl-Sid.
719	1726.75	0.28	0.21			17.5				2.68	A.A.
720	1727.00	0.35	0.27	0.009	<0.01	17.4				2.68	A.A.
721	1727.25	0.29	0.22			16.8				2.69	A.A.Fr-srt.
722	1727.50	0.70	0.54			18.8				2.68	A.A.F-gr.W-cmt.
723	1727.75	24.8	22.8			21.8				2.67	SstLt-gryM/Crs-grSbang.W-cmt.mtrx.w/Calc
724	1728.00	npp				npp					
725	1728.25	nmp				23.9				2.65	A.A.W-srt.fis.
726	1728.50	49.9	46.6			26.9				2.67	Sst.Lt-gry.F-gr.Sbang.W-cmt.w/Mic.Calc.C
727	1728.75	28.7	26.4			24.7				2.68	A.A.Mic-lam.W-srt.
728	1729.00	24.6	22.7	0.14	0.10	25.4				2.66	A.A.
729	1729.25	14.1	12.8			23.3				2.67	A.A.
730	1729.50	8.8	7.8			22.1				2.67	A.A.
731	1729.75	24.1	22.3			24.0				2.66	A.A.
732	1730.00	40.7	37.9	3.8	3.2	25.5				2.66	A.A.
733	1730.25	36.4	33.8			25.8				2.66	A.A.
734	1730.50	208	199			27.1				2.66	A.A.Fr-srt.
735	1730.75	5.8	5.1			9.9				2.68	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w/Mic.
736	1731.00	0.008	<0.01	nvpp		1.2				2.70	A.A.VW-srt.w/Glauc.
737	1731.25	0.036	0.026			2.0				2.71	A.A.
738	1731.50	0.028	0.020			1.9				2.69	A.A.

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 8 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
739	1731.75	153	146			27.7				2.66	Sst.Lt-gry.F-gr.Sbang.Fr-cmt.w/Mic.Calc.
740	1732.00	182	173	219	210	29.2				2.65	A.A.W-srt.
741	1732.25	33.4	30.5			29.0				2.66	A.A.w/C.
742	1732.50	123	116			28.0				2.66	A.A.
743	1732.75	11.1	10.0			24.0				2.67	A.A.Cl/Mic-lam.
744	1733.00	16.2	14.8	3.9	3.4	24.3				2.66	A.A.
745	1733.25	10.3	9.3			23.1				2.67	A.A.
746	1733.50	10.1	8.9			23.1				2.68	A.A.
747	1733.75	1.9	1.5			20.5				2.68	A.A.
748	1734.25	0.37	0.28	0.15	0.11	16.6				2.68	A.A.Gry.VF-gr.W-cmt.
749	1734.50	0.40	0.31			17.0				2.69	A.A.C/Pyr-lam.
750	1734.75	0.35	0.27			16.6				2.68	A.A.
751	1735.00	0.60	0.46	0.23	0.17	17.7				2.70	A.A.
752	1735.25	0.38	0.29			16.1				2.68	A.A.
753	1735.50	0.070	0.052			13.6				2.74	Sltst.Gry.ConsolMic-lam.w/Pyr.C.
754	1735.75	9.1	8.1			19.4				2.65	Sst.lt-gry.M-gr.Sbang.W-cmt.VP-srt.
755	1736.00	2014	1974	1651	1616	28.2				2.66	A.A.Fr-cmt.Fr-srt.
756	1736.25	583	565			25.2				2.66	A.A.
757	1736.50	279	267			22.5				2.67	A.A.
758	1736.75	33.4	30.9			18.2				2.68	A.A.W-cmt.w/Calc.
759	1737.00	2250	2208	1785	1748	24.4				2.66	A.A.Fr-cmt.P-srt.w/o Calc.
760	1737.25	470	454			22.0				2.66	A.A.W-cmt.w/Calc.
761	1737.50	1458	1425			25.3				2.66	A.A.
762	1737.75	1.4	1.1			16.7				2.74	Sst.Gry.VF-gr.Sbang.W-cmt.w/Cl.Mic.Sid.
763	1738.00	0.50	0.38	0.091	0.067	16.6				2.68	A.A.F-gr.Fr-srt.w/o Sid.
764	1738.25	3.3	2.8			17.4				2.69	A.A.Lt-gry.w/Calc.
765	1738.50	109	103			27.7				2.67	A.A.w/o Cl.
766	1738.75	4102	4040			23.8				2.67	A.A.M/Crs-gr.Fr-cmt.

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 8 (cont.)

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A·S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
767	1739.00	1.9	1.5	0.57	0.44	20.8				2.70	Sst.Gry.F-gr.Sbang.W-cmt.w/Calc.C.Pyr.
768	1739.25	2.2	1.7			21.4				2.69	A.A.W-srt.w/Mic.
769	1739.50	4.2	3.6			23.3				2.70	A.A.w/o Pyr.w/Sid.
770	1739.75	0.36	0.28			20.4				2.75	A.A.w/Pyr.
771	1740.00	2.3	1.8	0.36	0.27	21.4				2.75	A.A.
772	1740.25	65.4	61.2			24.8				2.74	A.A.Fr-srt.w/o Cl.C
773	1740.50	24.6	22.5			25.1				2.67	A.A.w/o Pyr.Sid.
774	1740.75	128	121			27.6				2.67	A.A.
775	1741.00	13.5	12.2	1.7	1.3	20.6				2.73	A.A.Cl/Mic-lam.w/Sid.
776	1741.25	102	96.5			26.8				2.69	A.A.w/o Sid.
777	1741.50	137	130			25.0				2.73	A.A.w/Sid.Pyr.
778	1741.75	8.9	7.9			17.9				2.72	A.A.VW-cmt.
779	1742.00	341	328	7.5	6.6	23.1				2.67	A.A.Fr-cmt.C-lam.
780	1742.25	1763	1726			32.3				2.66	A.A.w/o C.Sid.Pyr.Cl.
781	1742.50	2359	2315			30.7				2.66	A.A.w/o Calc.
782	1742.75	2805	2757			31.3				2.65	A.A.w/o Mic.
783	1743.50	788	766	440	425	29.3				2.65	A.A.w/C/Pyr-lam.Mic.
784	1743.75	1624	1590			31.3				2.65	A.A.w/o C.Pyr.
785	1744.00	342	329	224	214	26.5				2.65	A.A.W-cmt.w/C.Pyr.
786	1744.25	123	116			26.9				2.65	A.A.
787	1744.50	npp									
	1744.57										

FINAL REPORT

COMPANY : STATOIL
WELL : 31/6-6
FIELD : 31/6
STATE : NORWAY

CORE NO.: 9

DATE: AUGUST 1984

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S
Petroleum laboratory

Plug No.	Depth (meter)	Permeability (mD), horizontal K_a	horizontal K_l	vertical K_a	vertical K_l	Porosity (%) He	Porosity (%) Sum.	Pore saturation S_o	Pore saturation S_w	Grain dens. g/cc	Formation Description
	1744.57										
788	1744.75	123	116			25.8				2.66	Sst.Lt-gry.F-gr.Sbang.Fr-cmt.Mic-lam.
789	1745.00	20.1	18.2	7.5	6.6	22.9				2.66	A.A.W-cmt.W-srt.w/Calc.C.
790	1745.25	53.3	49.8			25.5				2.66	A.A.
791	1745.50	27.5	25.2			23.9				2.73	A.A.w/Pyr-lam.
792	1745.75	6.4	5.6			20.1				2.67	A.A.incr.C.
793	1746.00	5.4	4.7	0.67	0.52	18.4				2.66	A.A.
794	1746.25	34.4	32.0			21.0				2.69	Sst.Lt-gry.F/M-gr.Sbang.W-cmt.w/Mic.Pyr.
795	1746.50	36.4	33.9			20.5				2.69	A.A.W-srt.w/o Pyr.w/Calc.
796	1746.75	73.5	69.1			21.2				2.69	A.A.w/o Calc.
797	1747.00	2908	2858	3742	3683	25.6				2.67	A.A.Fr-cmt.w/o Mic.
798	1747.25	5711	5636			29.6				2.64	A.A.
799	1747.50	5195	5124			30.8				2.64	A.A.
800	1747.75	5897	5820			28.2				2.64	A.A.w/Mic-lam.
801	1748.00	2473	2428	1661	1626	31.2				2.65	A.A.scat-Mic.
802	1748.25	847	824			30.1				2.65	A.A.F-gr.fis.
803	1748.50	nmp				31.2				2.65	Calc-sst.Lt-gry.F-gr.Sbang.VW-cmt.w/Mic.
804	1748.75	0.027	0.020			3.3				2.68	A.A.Bdg.W-srt.w/foss.
805	1749.00	0.028	0.020	0.059	0.043	6.1				2.68	A.A.F/M-gr.Fr-srt.w/o Bdg.
806	1749.25	0.16	0.12			6.8				2.67	A.A.
807	1749.50	0.36	0.27			0.8				2.67	A.A.F-gr.W-srt.
808	1749.75	0.019	0.014			2.4				2.67	Sst.Gry.VF-gr.Sbang.W-cmt.w/Cl.Mic.Pyr.
809	1753.75	0.57	0.44			17.0				2.69	A.A.F-gr.W-srt.w/o Pyr.w/Calc.
810	1754.00	1.5	1.2	0.023	0.017	19.2				2.67	A.A.
811	1754.25	1.5	1.2			19.5				2.67	A.A.w/Pyr.C.
812	1754.50	1.6	1.2			19.8				2.68	A.A.Cl/Mic-lam.w/Sid.
813	1754.75	0.40	0.30			17.5				2.72	A.A.w/o Sid.Pyr.
814	1755.00	3.7	3.2	0.68	0.53	19.8				2.67	A.A.
815	1755.25	16.8	15.4			21.5				2.68	A.A.
816	1755.50	59.8	56.0			23.4				2.68	A.A.

COMPANY: STATØIL | FIELD: 31/6 | FILE:

WELL: 31/6-6 | COUNTY: | DATE: AUG.1984

LOCATION: | STATE: NØRWAY | ELEV.:

CORE GRAPH

GECO
GEOPHYSICAL COMPANY
OF NORWAY A.S

VERTICAL SCALE: 1:200

LABORATORY

CORE-GAMMA SURFACE-LOG
(PATENT APPLIED FOR)
GAMMA RAY
RADIATION INCREASE ----->
VOLTAGE: 985 VOLT
INTEGRATING TIME: 11 SEC
COUNTS PER MINUTE: 10 K

DEPTH METER

POROSITY % —x—x—
PERMEABILITY mD HORIZONTAL —■—
VERTICAL —▲—

% 42 39 36 33 30 27 24 21 18 15 12 9 6 3 %

1000mD 100mD 10mD 0

FLUID SATURATION

OTHER | OIL | WATER

80 60 40 20 %

CORE NO: 1

1525.00
1528.00
1531.00
1534.00
1537.00
1540.00
1543.00
1546.00

CORE NO: 2

1552.00
1555.00
1558.00
1561.00
1564.00
1567.00
1570.00
1573.00
1576.00

LOGGED INTERVAL:

CORE NO.1 :
1525.00 - 1544.94

CORE NO.2 :
1552.00 - 1575.90

COMPANY: STATØIL | FIELD: 31/6 | FILE:

WELL: 31/6-6 | COUNTY: | DATE: AUG.1984

LOCATION: | STATE: NØRWAY | ELEV.:

CORE GRAPH

GECO
GEOPHYSICAL COMPANY
OF NORWAY A.S

VERTICAL SCALE: 1:200

LABORATORY

CORE-GAMMA SURFACE-LOG
(PATENT APPLIED FOR)
GAMMA RAY
RADIATION INCREASE ------>
VOLTAGE: 985 VOLT
INTEGRATING TIME: 11 SEC
COUNTS PER MINUTE: 10 K

DEPTH METER

POROSITY %
PERMEABILITY mD HORIZONTAL
VERTICAL
% 42 39 36 33 30 27 24 21 18 15 12 9 6 3 %
1000mD 100mD 10mD 0

FLUID SATURATION
OTHER OIL WATER
80 60 40 20 %

CORE NO: 3

1580.00
1583.00
1586.00
1589.00
1592.00
1595.00
1598.00
1601.00
1604.00
1607.00

CORE NO: 4

1610.00
1607.00
1610.00
1613.00
1616.00
1619.00
1622.00
1625.00
1628.00
1631.00
1634.00

LOGGED INTERVAL:

CORE NO.3 :
1579.50 - 1607.35

CORE NO.4 :
1607.00 - 1633.50

COMPANY: STATØIL | FIELD: 31/6 | FILE:

WELL: 31/6-6 | COUNTY: | DATE: AUG.1984

LOCATION: | STATE: NØRWAY | ELEV.:

CORE GRAPH

GECO
GEOPHYSICAL COMPANY
OF NORWAY A.S

VERTICAL SCALE: 1:200

LABORATORY

CORE-GAMMA SURFACE-LOG
(PATENT APPLIED FOR)
GAMMA RAY
RADIATION INCREASE ----->
VOLTAGE: 985 VOLT
INTEGRATING TIME: 11 SEC
COUNTS PER MINUTE: 10 K

DEPTH METER

POROSITY % — x — x —
PERMEABILITY mD HORIZONTAL — □ —
VERTICAL — △ —

% 42 39 36 33 30 27 24 21 18 15 12 9 6 3 %

1000mD 100mD 10mD 0

FLUID SATURATION

OTHER | OIL | WATER

80 60 40 20 %

1635.00
1638.00
1641.00
1644.00
1647.00
1650.00
1653.00
1656.00
1659.00
1662.00
1665.00
1662.00
1665.00
1668.00
1671.00
1674.00
1677.00
1680.00
1683.00
1686.00
1689.00
1692.00

CORE NØ: 5

CØRE NØ: 6

LOGGED INTERVAL:

CORE NO.5 :
1634.50 - 1662.25

CORE NO.6 :
1662.25 - 1689.42

COMPANY: STATØIL | FIELD: 31/6 | FILE:

WELL: 31/6-6 | COUNTY: | DATE: AUG.1984

LOCATION: | STATE: NØRWAY | ELEV.:

CORE GRAPH

GECO
GEOPHYSICAL COMPANY
OF NORWAY A.S

VERTICAL SCALE: 1:200

LABORATORY

CORE-GAMMA SURFACE-LOG
(PATENT APPLIED FOR)
GAMMA RAY
RADIATION INCREASE ----->
VOLTAGE: 985 VOLT
INTEGRATING TIME: 11 SEC
COUNTS PER MINUTE: 10 K

DEPTH METER

POROSITY %
PERMEABILITY mD
HORIZONTAL
VERTICAL
42 39 36 33 30 27 24 21 18 15 12 9 6 3 %
1000mD 100mD 10mD 0

FLUID SATURATION
OTHER OIL WATER
80 60 40 20 %

1689.00
1692.00
1695.00
1698.00
1701.00
1704.00
1707.00
1710.00
1713.00
1716.00
1719.00
1716.00
1719.00
1722.00
1725.00
1728.00
1731.00
1734.00
1737.00
1740.00
1743.00
1746.00

CORE NO: 7

CORE NO: 8

LOGGED INTERVAL:

CORE NO.7 :
1689.42 - 1716.42

CORE NO.8 :
1716.42 - 1744.57

COMPANY: STATØIL | FIELD: 31/6 | FILE:

WELL: 31/6-6 | COUNTY: | DATE: AUG.1984

LOCATION: | STATE: NORWAY | ELEV.:

CORE GRAPH

GECO
GEOPHYSICAL COMPANY
OF NORWAY A.S

VERTICAL SCALE: 1:200

LABORATORY

CORE-GAMMA SURFACE-LOG
(PATENT APPLIED FOR)
GAMMA RAY
RADIATION INCREASE ----->
VOLTAGE: 985 VOLT
INTEGRATING TIME: 11 SEC
COUNTS PER MINUTE: 10 K

DEPTH METER

POROSITY % — X — X —
PERMEABILITY mD HORIZONTAL — ■ —
VERTICAL —▲—

% 42 39 36 33 30 27 24 21 18 15 12 9 6 3 %

1000mD 100mD 10mD 0

FLUID SATURATION

OTHER | OIL | WATER

80 60 40 20 %

CORE NO: 9

1745.00
1748.00
1751.00
1754.00
1757.00
1760.00
1763.00
1766.00
1769.00
1772.00
1775.00

LOGGED INTERVAL:

CORE NO.9 :
1744.57 - 1772.55