A/S NORSKE SHELL

FINAL REPORT

WELL: 31/2 - 2

CORE: 1 - 13

JUNE 1980

UND — ARKIVET

Nr.:

LABORATORY
FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company A/S Norske Shell Date June 1980

Well 31/2-2 Core 3

Field State

KAH KLH KAV KLV POR POR-SUM SO STW GRDENS

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	~~SATURATION~~ POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1541.06-15	0.91	0.62	0.76	0.50	12.4	9.2	0.0	62.0	2.67	
1541.37-47	.26	22			16.5	17.8	0.0	25.9	2.68	
1541.86-94	253	233			33.3	29.4	0.0	31.2	2.67	
1542.16-24	491	461			34.5	34.3	0.0	27.0	2.64	
1542.41-50	352	322			34.0	34.2	0.0	26.9	2.66	
1542.72-79	573	543			35.3	32.3	0.0	22.3	2.65	
1543.10-19	580	550			36.3	32.6	0.0	22.1	2.66	
1543.40-49	551	521			34.8	31.7	0.0	19.3	2.65	
1543.73-83	363	333			33.5	31.7	0.0	18.0	2.64	
1544.10-18	411	381	441	411	34.6	32.7	0.0	35.2	2.66	
1544.40-50	147	133			32.8	33.3	0.0	17.1	2.69	
1544.74-81	490	460			35.5	33.5	0.0	20.5	2.65	
1545.08-16	171	154			32.1	29.3	0.0	19.5	2.65	
1545.45-54	228	208			32.8	32.4	0.0	23.8	2.65	
1545.78-86	128	114			30.8	30.7	0.0	37.0	2.66	
1546.16-21	162	146			30.2	34.1	0.0	23.2	2.64	
1546.47-54	61	53			29.5	31.6	0.0	32.6	2.67	
1546.72-81	n.p.p.					26.5	0.0	8.4		
1547.13-20	61	53			26.5	24.5	0.0	25.2	2.73	
1547.47-56	36	30	10.2	8.0	24.5	25.7	0.0	37.1	2.68	

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company A/S Norske Shell Date June 1980

Well 31/2-2 Core No. 4

Field State Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	KL	VERTICAL PERMEABILITY MILLIDARCY KA	KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	STW.	GRAIN DENS.	FORMATION DESCRIPTION
1553.00-10	1593	1543	1111	1061	30.7	31.3	0.0	18.5	2.66	
				End of core		no. 4				

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company: A/S Norske Shell — Date: June 1980

Well: 31/2-2 — Core: No. 5

Field: — State: Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1560.65-75	876	836	433	403	34.0	29.3	0.0	14.4	2.65	
61.10-18	1506	1456			36.0	30.2	0.0	15.8	2.65	
61.41-50	751	711			34.2	31.9	1.9	30.0	2.58	
61.71-78	1014	964			34.5	31.8	0.0	26.4	2.64	
62.08-15	n.p.p.					22.7	0.0	28.8		
62.34-42	n.m.p.				32.5	29.2	0.0	24.1	2.64	
62.65-74	144	130			33.1	32.8	0.0	23.3	2.66	
62.95-04	14	11			26.8	31.8	2.0	31.0	2.61	
63.27-34	17	14			27.7	20.3	0.0	26.1	2.64	
63.57-67	20	16			26.0	26.7	2.6	41.5	2.63	
63.92-01	n.p.p.					28.3	0.0	27.9		
64.29-40	1339	1289	1198	1148	31.2	29.6	0.0	38.3	2.68	
64.65-74	n.p.p.					31.8	0.0	23.6		
64.95-04	1738	1678			36.6	31.2	0.0	26.8	2.68	
65.24-31	4084	4004			36.9	35.1	0.0	21.9	2.65	
65.58-68	2369	2289			38.3	33.8	0.0	17.5	2.66	
65.95-03	1025	975			37.0	37.3	0.0	21.8	2.67	
66.21-30	715	675			36.5	30.7	0.0	21.3	2.67	
66.54-63	569	539			34.4	33.9	1.2	28.2	2.66	
66.75-86	175	155			32.2	29.0	0.0	14.0	2.67	

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company: A/S Norske Shell — Date: June 1980

Well: 31/2-2 — Core: No. 5

Field: — State: Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1567.06-14	131	117	35	30	31.6	29.2	0.0	28.3	2.66	
67.32-41	175	155			32.5	32.1	0.3	26.9	2.66	
67.63-72	0.28	0.17			4.8	1.3	0.0	0.0	2.70	
			End of core no. 5							

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FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company A/S Norske Shell Date June 1980

Well 31/2-2 Core No. 6

Field State Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1569.00-09	1753	1693			37.8	33.7	0.3	22.3	2.66	
69.30-39	1923	1863			37.0	33.5	0.0	13.9	2.66	
69.66-74	665	635	503	473	34.3	40.4	0.0	6.8	2.64	
69.98-10	896	856			35.3	36.1	0.0	18.2	2.65	
70.30-40	715	675			33.6	32.9	0.0	13.0	2.66	
70.67-79	800	760			36.8	34.6	0.0	14.5	2.67	
70.95-06	622	592			35.2	27.0	0.0	11.8	2.66	
71.28-38	827	787			36.3	35.5	1.1	23.7	2.66	
71.61-71	269	249			33.8	37.0	0.3	21.3	2.64	
71.90-00	349	319			33.8	34.7	2.3	30.4	2.64	
72.31-40	635	605			35.7	30.6	0.0	8.8	2.63	
72.61-71	514	484	800	760	34.9	35.0	1.7	20.8	2.67	
72.96-03	515	485			35.0	37.3	1.1	26.9	2.66	
73.29-39	429	399			33.5	39.0	0.0	15.0	2.66	
73.61-70	288	268			33.6	33.3	1.9	32.9	2.65	
73.93-03	283	263			33.7	33.0	1.9	31.5	2.65	✓
74.23-34	144	130			33.0	33.1	5.1	35.1	2.63	
74.60-69	180	160			33.2	31.1	5.6	38.4	2.67	
74.95-03	99	89			31.8	25.5	4.1	23.3	2.65	
75.23-32	275	255			33.7	25.7	4.4	36.7	2.68	

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A.S

Company: A/S Norske Shell
Date: June 1980
Well: 31/2-2
Core: No. 6
Field:
State: Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1575.51-59	555	525	26	22	34.2	32.5	8.7	45.6	2.65	
				End of core no.6						

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company A/S Norske Shell 31/2-2 Date June 1980

Well Core No. 7

Field State Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	KL	VERTICAL PERMEABILITY MILLIDARCY KA	KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	STW.	GRAIN DENS.	FORMATION DESCRIPTION
1578.07-19	1686	1636	685	655	32.4	29.7	8.5	31.2	2.67	
78.37-45	2398	2318			31.4	30.9	8.1	30.3	2.66	
78.95-04	6841	6741			36.5	27.6	11.1	36.6	2.66	
79.25-37	3565	3485	3534	3454	37.2	33.1	10.0	16.0	2.64	
79.73-80	500	470			32.5	35.5	9.3	13.7	2.31	
80.07-16	162	146			32.9	38.1	13.2	35.1	2.65	
80.38-48	591	561			30.7	43.2	10.4	19.9	2.61	
			End of core no. 7							

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company: A/S Norske Shell — Date: June 1980

Well: 31/2-2 — Core: No. 8

Field: — State: Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1585,26-37	852	812	6289	6189	36.2	40.9	9.3	17-2	2.66	
85.67-76	7594	7444			34.2	40.1	14.0	17.1	2.63	
86.02-12	4908	4828			n.m.p	39.5	10.3	14.0		
86.33-43	5262	5182	6092	5992	33.7	28.7	6.0	14.9	2.61	
86.70-79	7627	7477			34.5	37-6	15.1	14.6	2.64	
87.02-12	8814	8664			36.5	36.9	15.2	16.3	2.65	
87.38-48	10134	9984	8511	8361	34.5	40.0	7.1	15.1	2.64	
87.70-80	13303	13153			34.2	37.0	3.9	18.5	2.63	
03.63-72	7565	7415			33.6	37.2	2.7	22.4	2.64	
89.10-21	2025	1965			34.6	38.7	0.0	17.8	2.65	
89.43-54	2428	2348	1102	1052	34.8	41.4	0.0	19,3	2.64	
89.81-91	828	788			34.1	35.3	1.2	24.8	2.65	
90.18-28	3246	3166			37.4	45.0	4.7	35.0	2.64	
90.52-60	263	243	86	76	32.3	40.3	2.6	38.9	2.65	
90.87-97	276	256			33.2	34.0	5.7	36.2	2.65	
91.19-28	228	208			32.6	40.2	7.0	38.8	2.66	
91.51-60	1507	1457	6.2	4.7	37.3	43.8	6.1	34.0	2.68	
91.84-95	203	183	411	381	32.5	35.2	7.4	31.4	2.67	
92.16-25	172	155			33.0	27.2	6.2	32.0	2.70	
92.48-59	169	152			32.7	20.7	9.2	46.2	2.66	

GECO 025 Form. nr. 11829 — Rog. Industritrykk A.s

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company ....A/S. Norske Shell.... Date ....June 1980....

Well ....31/2-2.... Core ....No. 8....

Field .... State ....Norway....

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1592.79-87	91	81	0	0	32.4	32.0	5.1	25.6	2.67	
93.07-16	370	340			34.6	31.0	9.1	45.5	2.67	
93.38-48	170	153	127	113	33.5	34.5	6.0	32.6	2.65	
93.74-84	23	19	0	0	28.3	23.2	5.0	53.3	2.65	
94.04-13	13	10			28.1	29.1	5.3	42.7	2.65	
94.32-44	26	21	18	14	29.2	26.2	4.4	53.8	2.65	
94.99-07	33	28	0	0	29.2	22.6	5.1	47.1	2.66	
95.23-31	8.3	6.4	1.3	0.9	24.8	20.9	0.6	63.1	2.64	
95.73-81	10.2	7.9			25.9	19.5	0.6	44.2	2.65	
96.06-14	n.m.p.				25.8	19.8	0.6	55.0	2.65	
96.35-45	30	25			30.8	21.5	2.1	47.2	2.64	
96.64-74	14	11			24.5	22.9	0.5	48.2	2.63	
97.09-15	25	20			27.8	26.0	0.5	58.2	2.64	
			End of core		no. 8					

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company A/S NORSKE SHELL Date June 1980.

Well 31/2-2 Core No. 9.

Field State Norway.

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1598.18-28	3.5	2.5	4.4	3.2	26.2	33.6	2.1	40.2	2.65	
1598.52-60	n.m.p.				25.7	31.2	0.0	37.5	2.66	
1598.84-95	n.m.p.				30.7	39.4	2.3	41.2	2.65	
1599.22-32	1.7	1.2			22.3	32.9	1.4	40.0	2.63	
1599.53-63	n.p.p.					33.0	2.1	40.7		
1600.00-08	4.6	3.5			24.2	34.1	2.1	41.7	2.64	
00.21-30	8.7	6-8			24.0	31.1	0.4	39.7	2.63	
00.57-64	n.p.p.					31.6	1.5	44.3		
01.03-11	2.4	1.7			22.1	29.3	2.4	36.0	2.60	
01.30-36	2.9	2.1	0.35	0.22	23.1	22.8	0.0	23.1	2.63	
01.72-81	2.3	1.6			22.5	24.9	0.0	32.2	2.64	
02.04-14	n.m.p.				26.0	34.0	1.4	42.5	2.65	
				End of core	no- 9					

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company: A/S Norske Shell
Date: June 1980
Well: 31/2-2
Core: No. 10
Field:
State: Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1604.00-10	435	405				30.2	0.0	16.7		
06.16-26	0.32	0.20			3.8	9.8	0.0	1.4	2.69	
			End of core no. 10							

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company: A/S Norske Shell
Date: June 1980
Well: 31/2-2
Core: No. 11
Field:
State: Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1608.00-08	4468	4388				33.6	0.0	32.2		
08.35-44	196	176	183	163	31.5	32.0	0.0	36.4	2.67	
08.69-79	78	69			30.4	25.9	0.0	46.2	2.65	
1616.77-88	7415	7315				34.2	0.0	23.7		
			End of core no. 11							

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A/S

Company: A/S Norske Shell — Date: June 1980

Well: 31/2-2 — Core: No. 12

Field: — State: Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1617.00-13	282	262	23	19	35.0	33.2	0.0	28.1	2.67	
21.07-19	11218	11068			32.7	30.3	0.0	18.5	2.64	
22.05-17	0.120	0.07			1.2	0.4	0.0	0.0	2.68	
22.39-50	0.203	0.12			2.3	0.8	0.0	38.9	2.67	
22.64-74	10319	10169				24.7	0.4	23.2		
22.99-10	410	380			32.8	24.6	0.0	34.8	2.66	
23.26-37	117	104			31.3	29.8	0.0	22.8	2.67	
24.00-10	163	147			32.0	22.2	0.0	27.2	2.67	
24.30-43	122	109			30.9	29.0	0.0	20.6	2.66	
24.62-74	70	61			30.3	27.2	0.0	26.9	2.67	
24.90-00	14	11			26.5	30.9	0.0	38.0	2,67	
25.20-31	34	29			28.5	25.1	0.0	18.8	2.67	
25.50-60	38	33			28.9	26.0	0.4	49.0	2.67	
25.80-90	29	25			27.6	30.2	0.0	30.4	2.67	
			End of core no. 12							

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A-S

Company ... A/S. Norske Shell ..... Date ..... June 1980

Well ..... 31/2-2 ..... Core ..... No. 13

Field ..... State ..... Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1626.00-12	104	92			30.1	27.5	0.0	33.5	2.66	
26.20-40	53	46			29.2	25.0	0.0	37.7	2.66	
26.62-73	14	11	8.7	6.8	25.1	26.9	0.0	35.0	2.66	
26.90-00	42	35			25.3	24.3	0.0	33.7	2.67	
27.35-46	n.m.p				28.6	24.1	0.0	25.1	2.66	
27.69-81	5965	5865			29.5	28.9	0.0	28.6	2.65	
28.00-12	8507	8357			32.6	32.1	0.0	26.4	2.66	
28.30-41	5385	5305			34.3	30.2	0.0	26.4	2.66	
28.60-71	1908	1848			31.2	29.8	0.0	40.3	2.65	
28.91-00	0.120	0.07	0	0	1.7	1.3	0.0	22.9	2.68	
29.19-29	0.120	0.07			1.0	5.8	0.0	84.3	2.67	
29.50-61	0.161	0.10			1.4	0.9	0.0	0.0	2.68	
29.80-89	0.32	0.20			5.2	3.5	0.0	0.0	2.68	
30.00-10	n.p.p.					15.8	0.0	48.3		
30.45-56	0.44	0.28	0	0	4.7	1.9	0.0	0.0	2.68	
30.70-81	0.41	0.26			5.2	2.1	0.0	13.9	2.69	
31.00-12	n.m.p.				31.6	35.6	0.0	22.3	2.61	
31.31-41	n.m.p.				34.1	33.8	0.0	35.2	2.63	
31.60-70	8295	8145			33.1	29.5	0.0	22.7	2.64	
31.90-00	6080	5980			31.0	30.2	0.0	26.8	2.64	

LABORATORY

FINAL REPORT

GECO
GEOPHYSICAL COMPANY OF NORWAY A-S

Company: A/S Norske Shell — Date: June 1980

Well: 31/2-2 — Core: No. 13

Field: — State: Norway

DEPTH	HORIZONTAL PERMEBILITY MILLIDARCY KA	HORIZONTAL PERMEBILITY MILLIDARCY KL	VERTICAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT SO	PORE-SATURATION PORESATORAT STW.	GRAIN DENS.	FORMATION DESCRIPTION
1632.17-27	4390	4310			34.9	29.0	0.0	28.4	2.65	
32.40-50	8760	8610	2627	2547	34.7	34.7	0.0	20.2	2.66	
			End of core no. 13							

GECO laboratory

COMPANY A.S. NORSKE SHELL FIELD FILE 9046

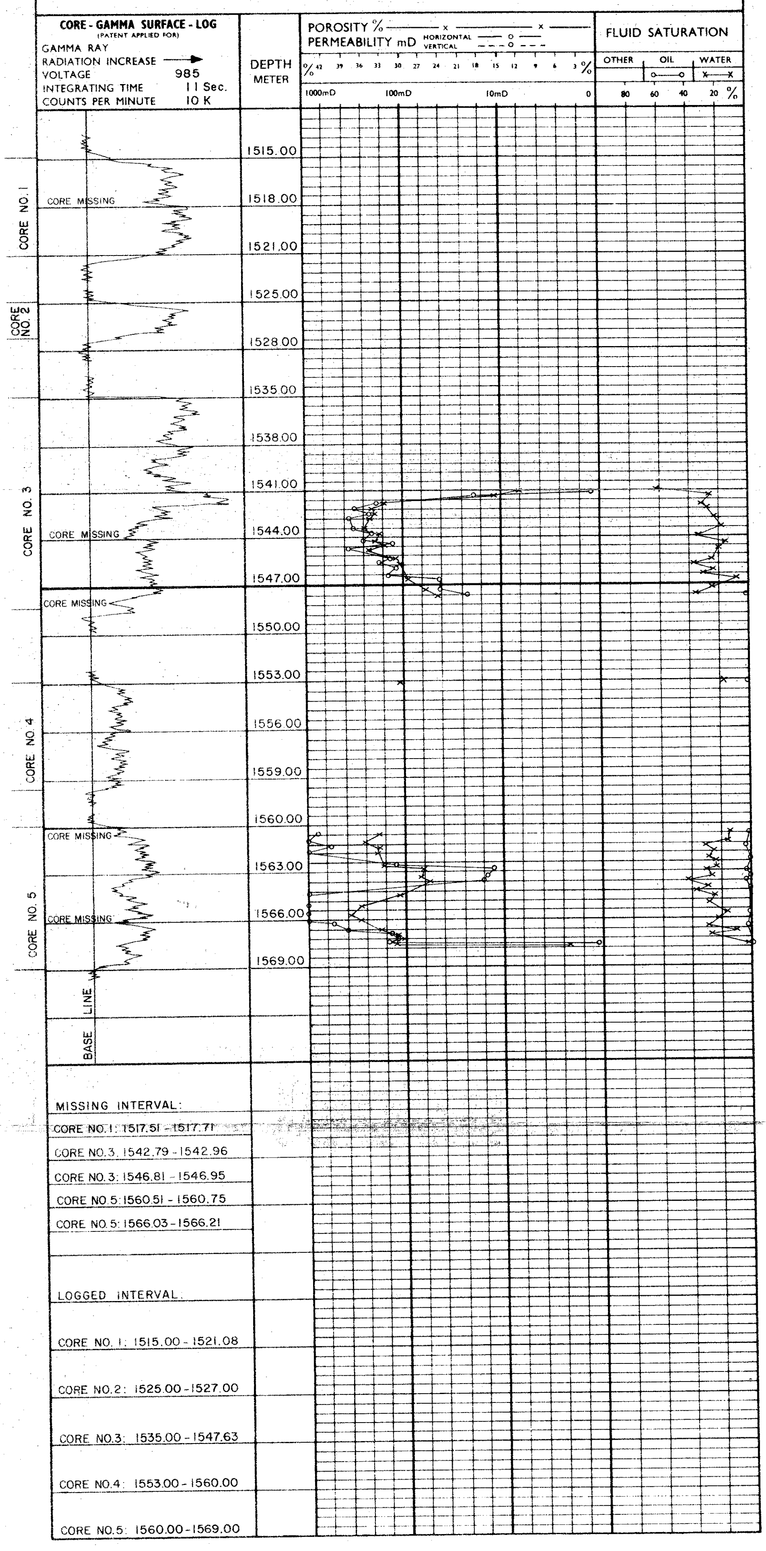
WELL 31/2 - 2 COUNTY DATE JUNE 1980

LOCATION STATE NORWAY ELEV.

CORE GRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Geco laboratories and its officers and employees.

VERTICAL SCALE 1 : 200



MISSING INTERVAL:

CORE NO.1: 1517.51 - 1517.71

CORE NO.3: 1542.79 - 1542.96

CORE NO.3: 1546.81 - 1546.95

CORE NO.5: 1560.51 - 1560.75

CORE NO.5: 1566.03 - 1566.21

LOGGED INTERVAL:

CORE NO. 1: 1515.00 - 1521.08

CORE NO.2: 1525.00 - 1527.00

CORE NO.3: 1535.00 - 1547.63

CORE NO.4: 1553.00 - 1560.00

CORE NO.5: 1560.00 - 1569.00

GECO laboratory

COMPANY A.S NORSKE SHELL FIELD FILE 9046

WELL 31/2-2 COUNTY DATE JUNE 1980

LOCATION STATE NORWAY ELEV.

CORE GRAPH

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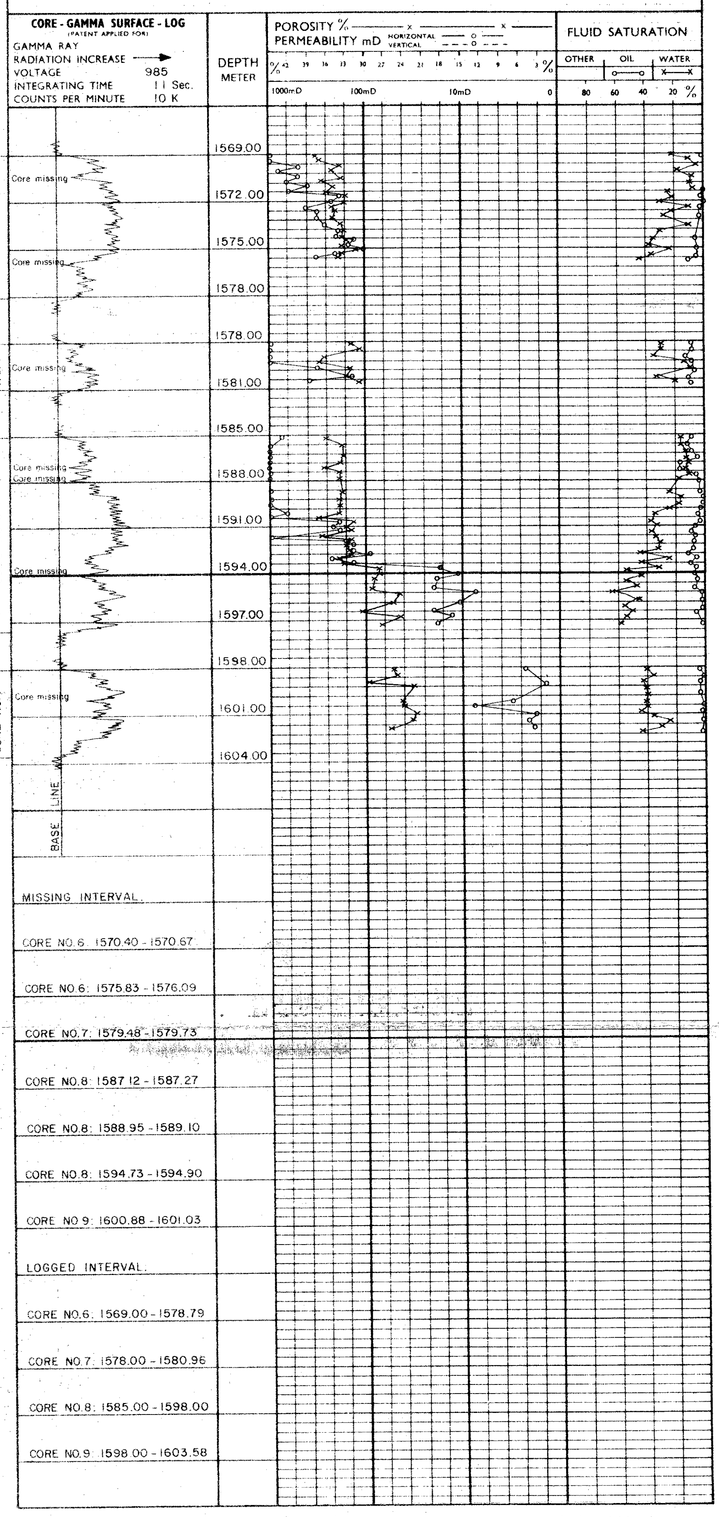
VERTICAL SCALE 1 : 200



MISSING INTERVAL:

CORE NO.6: 1570.40 - 1570.67

CORE NO.6: 1575.83 - 1576.09

CORE NO.7: 1579.48 - 1579.73

CORE NO.8: 1587.12 - 1587.27

CORE NO.8: 1588.95 - 1589.10

CORE NO.8: 1594.73 - 1594.90

CORE NO.9: 1600.88 - 1601.03

LOGGED INTERVAL:

CORE NO.6: 1569.00 - 1578.79

CORE NO.7: 1578.00 - 1580.96

CORE NO.8: 1585.00 - 1598.00

CORE NO.9: 1598.00 - 1603.58

GECO laboratory

COMPANY A.S. NORSKE SHELL FIELD FILE 9046

WELL 31/2-2 COUNTY DATE JUNE 1980

LOCATION STATE NORWAY ELEV.

CORE GRAPH

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VERTICAL SCALE 1 : 200

ORE - GAMMA SURFACE - LOG
(PATENT APPLIED FOR)
MA RAY
ATION INCREASE →
AGE 985
GRATING TIME 1.1 Sec
NTS PER MINUTE 10 K

DEPTH METER

POROSITY % — x — x —
PERMEABILITY mD HORIZONTAL — o —
VERTICAL - - - o - - -

% 13 19 16 13 10 27 24 21 18 15 12 9 6 3 %

1000mD 100mD 10mD 0

FLUID SATURATION

OTHER | OIL o—o | WATER x—x

80 60 40 20 %

1604.00
1607.00
1608.00
1611.00
1614.00
1617.00
1617.00
1620.00
1623.00
1626.00
1626.00
1629.00
1632.00

BASE LINE

SING INTERVAL

E NO.11: 1608.11 - 1608.35

E NO.11: 1611.00 - 1616.50

E NO.12: 1618.60 - 1619.50

E NO.12: 1621.50 - 1622.00

E NO.12: 1623.50 - 1624.00

E NO.13: 1627.10 - 1627.35

GED INTERVAL:

E NO.10: 1604.00 - 1606.44

E NO.11: 1608.00 - 1617.00

E NO.12: 1617.00 - 1626.10

E NO.13: 1626.00 - 1632.50