

Denne rapport  
tilhører



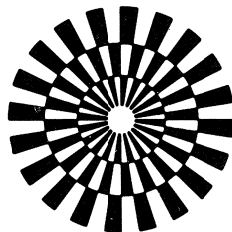
UND DOK.SENTER

L.NR. 92056021

KODE well 30/2-1 nr 28

Returneres etter bruk

STATOIL  
WELL: 30/2-1  
DATE: NOVEMBER 1982



**GECO**  
GEOPHYSICAL COMPANY  
OF NORWAY A/S

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 \* GECO A.S. LABORATORY  
 \* FINAL REPORT  
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COMPANY:STATCIL  
 WELL: 30/2-1  
 FIELD:  
 STATE:NORWAY  
 DATE: CCT.82  
 CGRE: 1  
 PAGE: 1

DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KA	HELIUM PORCSITY %	SUM- ATION PORCS. %	PORE- SATURATION SO	GRAIN DENS. GR/CC	FORMATION DESCRIPTION
1952.00	0.013	0.01	6.9			2.64	LS.GY.LAM.W/SD.VW-CMT.W/PYR.CL
1952.73-81	1.23	0.32	34.5			2.77	CLST.GY.VW-CMT.W/PYR.
1953.12-18	+	+	38.2			2.76	CLST.GNSH.W-CMT.W/PYR.
1953.60							
1954.00							

+) NO MEASUREMENT POSSIBLE  
 ++) NO PLUG POSSIBLE  
 +++) NO VERTICAL PLUG POSSIBLE  
 +++++) NO HORIZONTAL PLUG POSSIBLE

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 \* GECO A.S. LABORATORY  
 \* FINAL REPORT  
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CCMPANY:STATOIL  
 WELL: 30/2-1  
 FIELD:  
 DATE: OCT.82  
 CORE: 2

STATE:NORWAY

DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELIUM POROSITY %	SUMM- ATION POROS. %	PORE- SATURATION SO	STW.	GRAIN DENS. GR/CC	FORMATION DESCRIPTION
1554.00	0.080	0.05	38.2				2.81	CLST.GNSH.W-CMT.W/PYR.
1554.69	0.158	0.12	37.5				2.77	A.A
1554.91	0.83	0.56	37.3				2.81	A.A
1555.14	0.082	0.05	34.5				2.63	CLST.GY.VW-CMT.W/PYR.
1555.45	0.206	0.13	34.5				2.71	CLST.GNSH.W-CMT.W/PYR.
1555.97-07	+	+	34.5				2.78	A.A W/CALC
1556.49	0.23	0.14	36.9				2.75	CLST.DK-GY.VF-GR.W-CMT.FIS.
1557.45	+++)	+++)	++)				2.74	CLST.GNSH.W-CMT.W/PYR.W/CALC.
1557.57-65	+++)	+++)	++)				++)	A.A
1559.24	0.157	0.09	38.4				2.75	CLST.DK.GY.VF-GR.W-CMT.FIS W/CALC
1559.35-41	+++)	+++)	+++)				2.74	LS.GY.F-GR.VM-CMT.W/CL
1561.78-90	+++)	+++)	35.8				2.74	CLST.GNSH.W-CMT.W/PYR.W/CALC
1562.35	0.31	0.19	36.9				2.75	A.A
1562.53	+	+	++)				2.75	A.A
1562.76-83	0.113	0.07	28.5				2.75	CLST.DK.GY.VF-GR.W-CMT.FIS W/CALC
1564.35+)	++)	++)	39.0				2.75	LS.GY.F-GR.VM-CMT.W/CL
1564.53-62	++)	++)	40.1				2.74	CLST.GNSH.W-CMT.W/PYR.W/CALC
1565.48	++)	++)	++)				2.75	A.A
1565.78	+	+	44.3				2.78	CLST.GY.W-CMT.FIS.W/PYR.
1566.45	0.125	0.07	++)				2.75	CLST.GNSH.W-CMT.W/PYR.W/CALC
1566.63-71	+	+	40.2				2.75	CLST.GY.W-CMT.FIS W/PYR
1567.68	3.7	2.7	37.3				2.77	CLST.GNSH.W-CMT.W/PYR.W/CALC
1568.03-10	+	+	29.2				2.68	A.A
1568.10	0.054	0.03	31.6				2.76	LS.GY.F-GR.VM-CMT.W/CL.
			29.2				2.81	CLST.GNSH.W-CMT.W/PYR.W/CALC
			32.1				2.78	LS.GY.F-GR.VM-CMT.W/CL.

+) NO MEASUREMENT POSSIBLE  
 ++)









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 \* GECG A.S. LABORATORY \*  
 \* FINAL REPORT \*  
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COMPANY:STATOIL DATE: OCT.82  
 WELL: 30/2-1 CORE: 7  
 FIELD: STATE=NORWAY

DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KL	HELLIUM POROSITY %	SUMM- ATION PORCS. %	PORE- SATURATION SO	GRAIN DENS. GR/CC	FORMATION DESCRIPTION
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3733.60  
 3734.65

- +) NO MEASUREMENT POSSIBLE
- ++) NO PLUG POSSIBLE
- +++ NO VERTICAL PLUG POSSIBLE
- ++++ NO HORIZONTAL PLUG POSSIBLE





COMPANY: STATCIL

DATE: OCT.82

WELL: 3072-1

CCRE: 9

STATE: NORWAY

PAGE: 9

GECO A.S. LABORATORY  
FINAL REPORT

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DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SUMM- ATION POROS. %	PORE- SATURATION	GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL					
3751.50	0.22	0.13	+		7.6	7.6	0.0	2.68	SLST.GR.W-CMT.W/CARB.FRAGS
3753.52-59	0.61	0.40	0.74	0.49	11.5			2.65	SST.GR.BR.F.SUBANG.W-CMT.W-SORT.
3753.66-93	+		0.40	0.26	5.0			2.68	SLST.GR.W-CMT
3754.26-34	+		+		+	8.3	6.7	2.66	SST.GR.BR.VF.SUBANG.W-CMT.W-SORT.
3754.95-00	0.106	0.06	0.080	0.05	14.2			2.66	A.A
3755.35-44	3.9	2.5	1.6	1.1	16.8	29.2	2.6	2.67	A.A W/CL.LAM.CARB.FRAGS
3755.80-89	0.80	0.54	0.182	0.11	10.9			2.92	A.A LAMINATED
3756.18-25	0.170	0.04	0.029	0.02	12.7			2.74	A.A W/CL.LAMINAE
3756.48-56	0.30	0.15	0.052	0.03	5.1	7.8	1.8	2.67	A.A
3756.82-88	10.4	8.1	5.8	4.4	13.7			2.70	A.A W/PYR.
3757.10-18	1.3	0.91	0.048	0.03	13.7				
3758.00									

+) NO MEASUREMENT POSSIBLE  
++) NO PLUG POSSIBLE  
+++ NO VERTICAL PLUG POSSIBLE  
++++ NO HORIZONTAL PLUG POSSIBLE



COMPANY: STATOIL DATE: OCT.92

WELL: 30/2-1 CGRE: 10

FIELD: STATES: NORWAY

DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM FCROSSITY %	SUMM- ATICN POROS. %	PORE- SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STM.		
3773.82-92	3210.0	3130.0	2281.0	2221.0	19.7	18.7	0.0	27.1	2.67	A.A
3774.05-20	1086.0	1036.0	150.0	135.0	23.0				2.66	A.A
3774.43-50	244.0	224.0	216.0	196.0	19.5				2.65	SST.GR.BR.M.SUBANG.W-CMT.P-SORT.W/PYR.
3774.88-98	1.5	1.0	0.60	0.35	18.5	15.6	0.0	4.8	2.70	SST.GR.BR.VF.SUEANG.W-SORT.W.CMT
3775.20-27	1.9	1.3	0.85	0.50	19.3				2.70	A.A
3775.58-64	2.0	1.4	0.95	0.65	19.2				2.71	A.A
3775.95										

+) NO MEASUREMENT POSSIBLE  
 ++ NO PLUG POSSIBLE  
 +++ NO VERTICAL PLUG POSSIBLE  
 ++++) NC HORIZONTAL PLUG POSSIBLE



COMPANY: STATOIL      DATE: OCT.82  
 WELL: 30/2-1      CORE: 11  
 FIELD:      STATE: NORWAY

DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SUMM- ATION PORCS. %	PORE- SATURATION		GRAIN DENS. GR/CC	FCRMATION DESCRIPTION
	KA	KL	KA	KL			SO	STM.		
3791.50-57	0.113	0.07	0.077	0.04	10.1				2.67	A-A
3791.62-50	0.22	0.13	0.083	0.05	12.0	2.7	0.0	32.1	2.70	A-A
3792.17-25	0.162	0.10	0.112	0.07	12.3				2.68	A-A
3792.60-70	0.26	0.16	0.025	0.01	8.3	7.2	0.0	76.3	2.65	A-A W/MICA LAMINAE
3793.28-38	0.129	0.08	0.045	0.02	9.5				2.72	A-A W/MICA SILT LAMINAE
3794.00										

+) NO MEASUREMENT POSSIBLE  
 ++ NO PLUG POSSIBLE  
 +++ NO VERTICAL PLUG POSSIBLE  
 ++++ NO HORIZONTAL PLUG POSSIBLE

COMPANY: STATOIL

FIELD:

FILE: 9357

WELL: 30/2-1

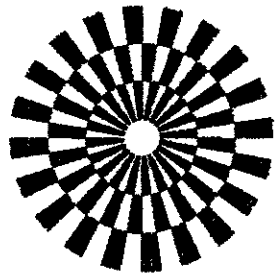
COUNTY:

DATE: OCT.82

LOCATION:

STATE: NORWAY

ELEV.:



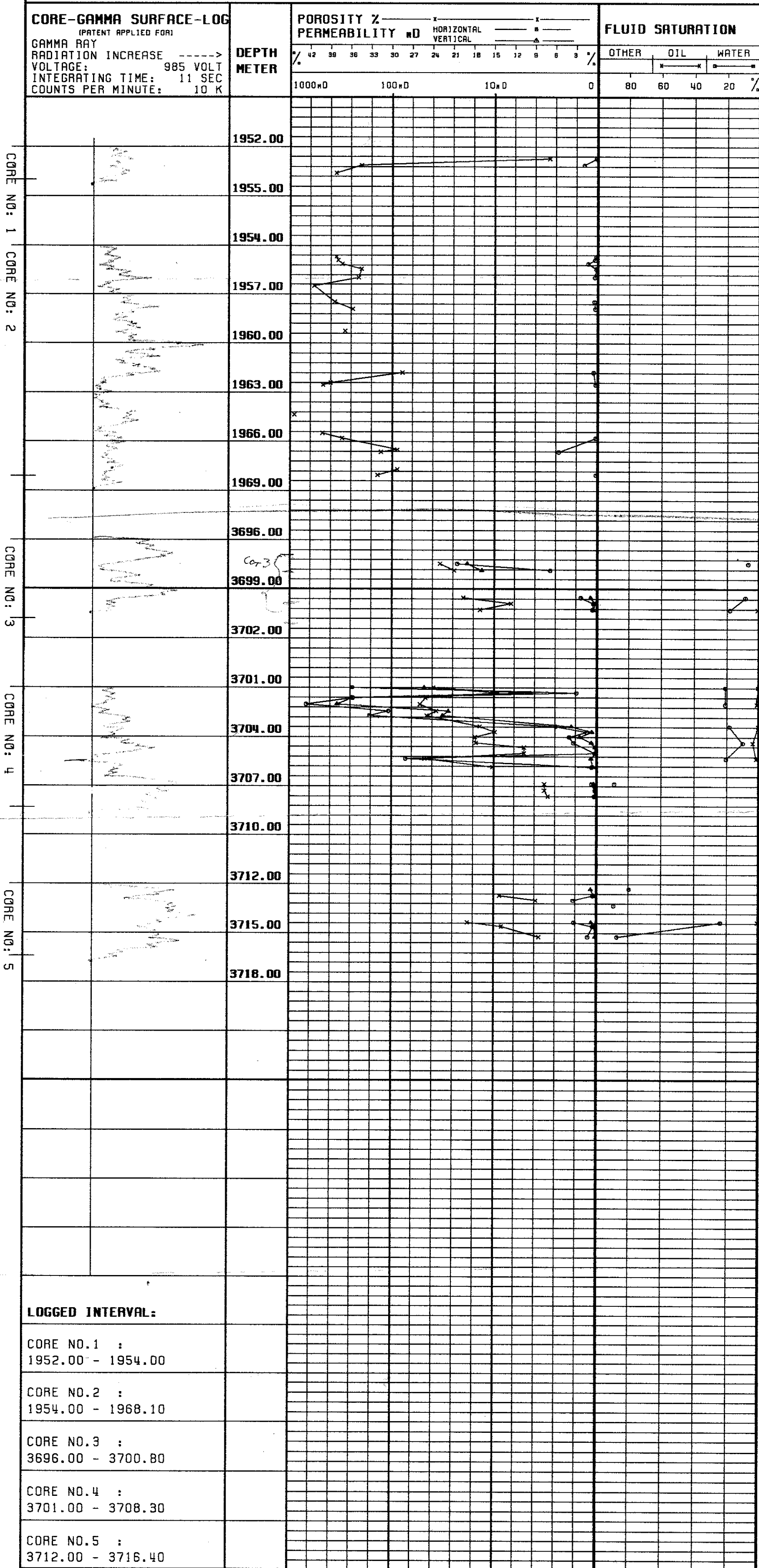
**GECO**  
GEOPHYSICAL COMPANY  
OF NORWAY A.S

# CORE GRAPH

THESE ANALYSES, OPINIONS OR INTERPRETATIONS ARE BASED ON OBSERVATIONS AND MATERIAL SUPPLIED BY THE CLIENT TO WHOSE 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

## LABORATORY



**LOGGED INTERVAL:**

- CORE NO.1 : 1952.00 - 1954.00
- CORE NO.2 : 1954.00 - 1968.10
- CORE NO.3 : 3696.00 - 3700.80
- CORE NO.4 : 3701.00 - 3708.30
- CORE NO.5 : 3712.00 - 3716.40

COMPANY: STATOIL

FIELD:

FILE: 9357

WELL: 30/ -1

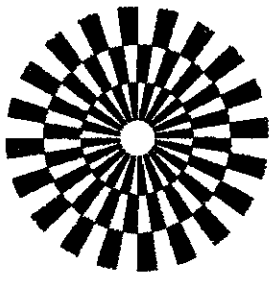
COUNTY:

DATE: OCT.82

LOCATION:

STATE: NORWAY

ELEV.:



# CORE GRAPH

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**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

42 38 34 30 27 24 21 18 15 12 9 6 3 %  
1000mD 100mD 10mD 0

HORIZONTAL  
VERTICAL

### FLUID SATURATION

OTHER OIL WATER  
80 60 40 20 %

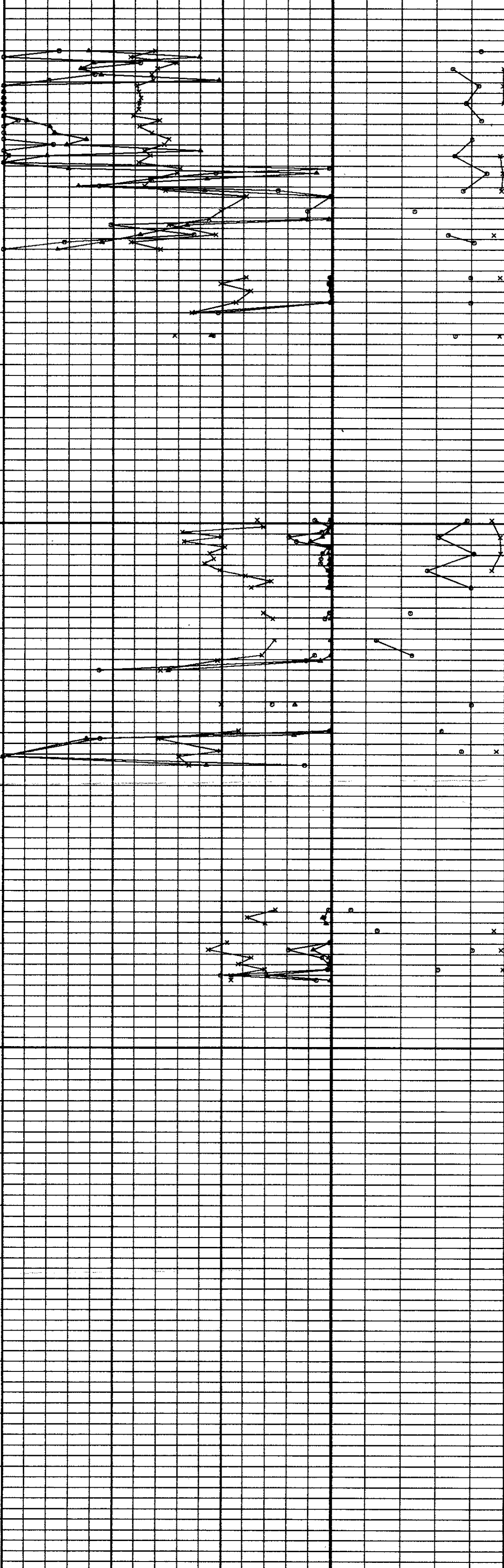
CORE NO: 6

CORE NO: 7

CORE NO: 8

CORE NO: 9

3717.00  
3720.00  
3723.00  
3726.00  
3729.00  
3732.00  
3735.00  
3734.00  
3737.00  
3736.00  
3739.00  
3742.00  
3745.00  
3748.00  
3751.00  
3754.00  
3752.00  
3755.00  
3758.00  
3761.00



### LOGGED INTERVAL:

CORE NO.6 :  
3717.00 - 3733.60

CORE NO.7 :  
3733.60 - 3734.65

CORE NO.8 :  
3735.80 - 3751.90

CORE NO.9 :  
3751.90 - 3758.00



COMPANY: STATOIL

FIELD:

FILE: 9357

WELL: 30/2-1

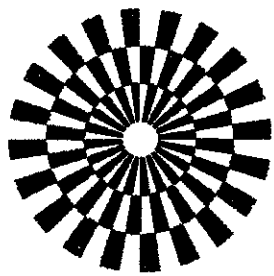
COUNTY:

DATE: OCT.82

LOCATION:

STATE: NORWAY

ELEV.:



# CORE GRAPH

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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

### POROSITY %

PERMEABILITY mD      HORIZONTAL      VERTICAL  
% 42 38 36 33 30 27 24 21 18 15 12 9 8 5 %  
1000mD      100mD      10mD      0

### FLUID SATURATION

OTHER      OIL      WATER  
80 60 40 20 %

CORE NO: 10

CORE NO: 11

3758.00  
3761.00  
3764.00  
3767.00  
3770.00  
3773.00  
3776.00  
3776.00  
3779.00  
3782.00  
3785.00  
3788.00  
3791.00  
3794.00  
3797.00

### LOGGED INTERVAL:

CORE NO.10 :  
3758.00 - 3775.95

CORE NO.11 :  
3776.00 - 3794.00