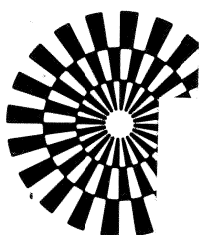


STATOIL
CONVENTIONAL CORE ANALYSIS

WELL: 15/9-11

CORE: 1 - 11



GEC
GEOPHYSICAL
OF NORW

DUPLIKAT	 STATOIL
Denne rapport tilhører	
LTEK DOK.SENTER	
L. NR. 12382080017	
KODE	
RETURNERES ETTER BRUK	

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 *
 * GECO A.S. LABORATORY *
 * FINAL REPORT *
 *

COMPANY: STATUIL DATE: FEBR. 1982
 WELL: 15/9-11 CORE: 1
 FIELD: STATE: NORWAY

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KA	HELIUM POROSITY %	SUMMATION POROS. %	PORE-SATURATION SC	GRAIN DENS. GR/CC	FORMATION DESCRIPTION
2364.00							
2364.00							
2370.00							

+)
 +)
 +)
 +)

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

COMPANY: STATOIL

DATE: FEBR. 1982

WELL: 15/9-11

CURE: 2

FIELD: STATE: NORWAY

PAGE: 2

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 *
 * - GECU A.S. LABORATORY *
 * FINAL REPORT *
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HORIZONTAL PERMEABILITY MILLIDARCY KA KL
 VERTICAL PERMEABILITY MILLIDARCY KA KL
 HELIUM PURSITY %
 SUMM- ATION PORUS. %
 PURE- SATURATIUN
 GRAIN DENS. GR/CC
 FORMATION DESCRIPTION

DEPTH

2370.00
 2370.00 +)
 2379.00

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

DATE: FEBR.1982

CORE: 4

STATE: NORWAY

PAGE: 4

LUMPANY: STATUILL

WELL: 15/9-11

FIELD:

GECU A.S. LABORATORY
FINAL REPORT

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SUMM-ATION POROS. %	PORE-SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SG	SIW.		
2406.00										
2406.18-31	632.0	602.0	652.0	622.0	24.0	22.3	0.0	36.7	2.64	SST.GY.COARSE GR.SUB.ROUND.PORR CEM.
2407.00-07	529.0	499.0	505.0	475.0	23.0				2.64	A.A
2407.32-38	639.0	609.0	535.0	505.0	23.9				2.64	A.A
2407.65-75	723.0	693.0	544.0	514.0	24.2	15.4	0.0	15.2	2.64	A.A
2408.00-06	622.0	592.0	539.0	509.0	23.2				2.64	A.A
2408.36-43	518.0	488.0	497.0	467.0	22.9				2.64	A.A
2408.72-82	554.0	524.0	493.0	463.0	22.7	17.9	0.0	26.2	2.64	A.A
2409.00-06	517.0	487.0	484.0	454.0	23.0				2.64	A.A
2409.34-44	511.0	481.0	483.0	453.0	22.7				2.64	A.A
2409.71-81	465.0	435.0	440.0	410.0	22.8	16.7	0.0	18.9	2.64	A.A
2410.00-06	523.0	493.0	440.0	410.0	23.1				2.64	A.A
2410.36-45	424.0	394.0	423.0	393.0	22.6				2.64	A.A
2410.66-77	523.0	493.0	423.0	393.0	22.5	19.5	0.0	34.9	2.64	A.A
2411.00-10	506.0	476.0	407.0	377.0	22.8				2.64	A.A
2411.32-40	456.0	426.0	425.0	395.0	22.7				2.64	A.A
2411.67-77	646.0	616.0	586.0	556.0	24.0	22.6	0.0	38.7	2.64	A.A
2412.02-08	570.0	540.0	522.0	492.0	22.5				2.64	A.A
2412.36-42	462.0	432.0	417.0	387.0	22.6				2.64	A.A
2412.62-72	449.0	419.0	399.0	369.0	22.4	19.1	0.0	24.9	2.64	A.A
2413.00-08	599.0	569.0	613.0	583.0	23.0				2.64	A.A
2413.35-43	587.0	557.0	466.0	436.0	23.1				2.64	A.A
2413.66-74	716.0	676.0	659.0	629.0	23.2	20.5	0.0	32.6	2.64	A.A
2414.01-09	690.0	660.0	601.0	571.0	23.5				2.64	A.A
2414.33-41	628.0	598.0	618.0	588.0	23.4				2.64	A.A
2414.60-70	586.0	556.0	631.0	601.0	23.0	19.9	0.0	32.2	2.64	A.A
2414.96-04	678.0	648.0	587.0	557.0	23.1				2.64	A.A
2415.34-40	693.0	663.0	613.0	583.0	23.6				2.64	A.A
2415.62-74	645.0	615.0	596.0	566.0	23.3	18.8	0.0	37.8	2.64	A.A
2416.00-09	0.109	0.06	0.054	0.03	23.5				2.69	SST.GY.F.GR.SUBANG.VWCEM.CALCITIC
2416.39-47	366.0	336.0	455.0	425.0	22.5				2.64	SST.GY.MED/COAR.GR.SUB.ROUND.PCOR CEM.
2416.64-76	119.0	106.0	169.0	153.0	22.7	18.8	0.0	24.8	2.64	A.A
2417.00-06	182.0	162.0	305.0	275.0	23.9				2.64	A.A
2417.34-43	211.0	191.0	287.0	267.0	22.5				2.64	A.A
2417.62-73	226.0	206.0	364.0	334.0	23.4	13.8	0.0	14.1	2.64	A.A
2418.06-16	140.0	125.0	305.0	275.0	22.3				2.64	A.A
2418.40-50	120.0	107.0	257.0	237.0	22.7				2.64	A.A
2418.68-80	149.0	134.0	185.0	165.0	22.8				2.64	A.A
2419.03-11	301.0	271.0	308.0	278.0	23.1	19.4	0.0	28.8	2.64	A.A
2419.39-46	291.0	271.0	349.0	229.0	22.5				2.64	A.A
2419.62-72	175.0	155.0	440.0	410.0	22.5	19.6	0.0	35.8	2.64	SST.GY.F.GR.SUBANG.PORR CEMENT
2420.00-06	127.0	113.0	145.0	130.0	21.0				2.65	A.A
2420.30-36	200.0	180.0	226.0	206.0	22.9				2.64	A.A
2420.66-74	259.0	239.0	326.0	296.0	23.4	21.9	0.0	35.4	2.64	A.A
2421.05-12	217.0	197.0	268.0	248.0	22.9				2.64	A.A

COMPANY: STATOIL DATE: FEBR.1582

WELL: 15/5-11 CORE: 4

FIELD: STATE: NORWAY

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DEPTH	HCRIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM PORUSITY %	SUMM-ATION POROS. %	PURE-SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STW.		
2421.38-46	336.0	306.0	311.0	281.0	22.7				2.64	A.A
2421.70-79	274.0	254.0	612.0	582.0	23.7	16.8	0.0	23.2	2.64	A.A
2422.00-09	231.0	211.0	157.0	141.0	23.6				2.64	SST.GY.MED.GR.SUBBANG.POOR CEMENT.
2422.38-45	196.0	176.0	170.0	154.0	23.4	21.4	0.0	33.1	2.64	A.A
2422.66-74	215.0	195.0	185.0	165.0	23.5				2.64	A.A
2423.02-09	731.0	691.0	694.0	664.0	24.1				2.64	A.A
2424.00										

+1) NO MEASUREMENT POSSIBLE

++1) NO PLUG POSSIBLE

+++1) NO VERTICAL PLUG POSSIBLE

++++1) NO HORIZONTAL PLUG POSSIBLE

DATE: FEBR.1982

COMPANY: STATOIL

CORE: 5

WELL: 15/9-11

STATE: NORWAY

FIELD:

PAGE: 6

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 * GECO A.S. LABORATORY
 * FINAL REPORT
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DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM PURSITY %	SUMMATION POROS. %	PORE-SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	SIW.		
2424.00	90.0	79.0	78.0	69.0	25.8	17.7	0.0	49.0	2.65	SST.GY.FGR.SUBBANG.WCEM.W/MICA
2425.20-26	293.0	273.0	269.0	249.0	24.2	19.4	0.0	43.7	2.65	A.A
2426.35-43	158.0	142.0	149.0	134.0	27.2				2.65	A.A
2426.60-69	94.0	83.0	83.0	73.0	26.4				2.65	A.A
2427.20-30	147.0	132.0	109.0	97.0	25.2	26.0	0.0	48.0	2.64	A.A
2428.85-00	16.0	13.0	20.0	16.0	23.4	16.4	0.0	51.5	2.64	A.A
2429.00										

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

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GECO A.S. LABORATORY
 FINAL REPORT

COMPANY: STATUIL
 DATE: FEBR. 1982
 WELL: 15/9-11
 CORE: 6
 FIELD: STATE: NORWAY

DEPTH	HCRIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SUMM- ATION POROS. %	POKE-SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SU	STW.		
2436.00	273.0	253.0	106.0	94.0	24.8	21.8	0.0	62.9	2.65	SST.GY.MED.GR.SUBANG.M.CEMENT
2436.35-40	382.0	352.0	176.0	156.0	24.6				2.65	A.A
2436.70-77	109.0	97.0	198.0	178.0	23.7				2.65	A.A
2437.01-09	182.0	162.0	87.0	76.0	23.3	23.1	0.0	49.4	2.65	A.A
2437.36-44	187.0	167.0	136.0	122.0	24.4				2.65	A.A
2437.64-70	181.0	161.0	139.0	124.0	24.3				2.65	A.A
2438.03-12	236.0	216.0	153.0	138.0	24.4	18.6	0.0	43.8	2.65	A.A
2438.32-39	176.0	156.0	155.0	140.0	24.6				2.64	A.A
2438.67-75	310.0	280.0	208.0	188.0	25.1				2.65	A.A
2439.08-18	279.0	259.0	202.0	182.0	25.1	24.1	0.0	59.4	2.65	A.A
2439.33-40	329.0	299.0	249.0	229.0	25.3				2.65	A.A
2439.63-71	406.0	376.0	365.0	335.0	25.6				2.64	A.A
2440.00-10	619.0	589.0	605.0	575.0	26.0	21.2	0.0	45.0	2.64	A.A
2440.38-46	363.0	333.0	396.0	366.0	25.1				2.64	A.A
2440.67-73	451.0	421.0	642.0	612.0	25.4				2.64	A.A
2441.02-13	430.0	400.0	501.0	471.0	25.6	25.3	0.0	51.1	2.64	A.A
2441.37-45	307.0	277.0	497.0	467.0	25.3				2.64	A.A
2441.60-68	469.0	439.0	676.0	646.0	25.7				2.64	A.A
2442.02-12	123.0	110.0	160.0	144.0	23.5	20.4	0.0	67.9	2.64	A.A
2442.33-40	122.0	109.0	112.0	99.0	23.3				2.64	A.A
2442.62-70	229.0	209.0	210.0	190.0	24.8				2.64	A.A
2443.05-15	255.0	235.0	251.0	231.0	26.1	24.2	0.0	67.5	2.64	A.A
2444.00-10	2693.0	2613.0	2830.0	2750.0	31.9	17.7	0.0	22.5	2.63	A.A
2444.42-50	202.0	182.0	307.0	277.0	28.4				2.64	A.A
2444.80-86	158.0	142.0	211.0	191.0	28.8				2.64	A.A
2445.10-20	889.0	849.0	497.0	467.0	30.2	20.4	0.0	53.3	2.64	A.A
2445.43-50	554.0	524.0	443.0	413.0	28.7				2.64	A.A
2445.73-79	220.0	200.0	123.0	110.0	29.0				2.64	A.A
2446.04-14	251.0	231.0	209.0	185.0	29.5	19.7	0.0	43.0	2.64	A.A
2446.40-46	246.0	226.0	266.0	246.0	29.0				2.64	A.A
2446.64-71	287.0	267.0	250.0	230.0	30.0				2.64	A.A
2447.10-19	279.0	259.0	+++)	377.0	29.0	18.8	0.0	28.8	2.64	A.A
2447.38-46	321.0	291.0	407.0	377.0	29.0				2.64	A.A
2447.66-74	375.0	345.0	280.0	260.0	30.0				2.65	A.A
2449.00										

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

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COMPANY: STATUIL
 DATE: FEBR. 1982
 WELL: 15/9-11
 CORE: 8
 FIELD: STATE=NORWAY

GECO A.S. LABORATORY
 FINAL REPORT

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY KA	VERTICAL PERMEABILITY MILLIDARCY KA	HELIUM PURSITY %	SUMM-ATION PORUS. %	PORE-SATURATIUN SO	GRAIN DENS. GR/CC	FORMATION DESCRIPTION
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2464.00
 2464.00 +)
 2473.00

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

COMPANY: STATOIL

DATE: FEBR.1982

WELL: 15/9-11

CORE: 9

FIELD: STATE:NORWAY

DATE: FEBR.1982

CORE: 9

STATE:NORWAY

DATE: FEBR.1982

WELL: 15/9-11

CORE: 9

PAGE: 10

DEPTH	HCRIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SUMM-ATION POROS. %	PURE-SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SU	STM.		
2473.00										
2473.00-12	453.0	423.0	273.0	253.0	29.5	32.0	0.0	69.8	2.64	SST.GY.MED FINE GR.SUB-ANG.POOR CEMENT.
2473.31-40	768.0	728.0	543.0	513.0	30.2				2.64	A.A.
2473.65-73	662.0	632.0	+		30.8				2.64	A.A.
2474.00-11	423.0	393.0	251.0	231.0	29.6	10.8	0.0	32.2	2.65	A.A.
2474.39-47	166.0	150.0	242.0	222.0	27.4				2.64	SST.GY.F.GR.SU-A.POOR W.CEM.
2474.73-82	584.0	554.0	375.0	345.0	29.1	15.9	0.0	39.4	2.64	SST.GY.MED.F.GR.SU-A.POOR CEMENT.
2475.09-19	283.0	263.0	413.0	383.0	27.6				2.64	SST.GY.F.GR.SU-A.POOR CEM.
2475.78-88	293.0	273.0	+		29.8	28.8	0.0	70.8	2.65	A.A.
2476.07-18	267.0	247.0	252.0	232.0	30.1				2.65	A.A.
2476.44-50	+	+	+		29.8				2.67	SST.GY.F.GR.W/V.COAR GR.SU-A.POOR CEM.
2476.70-77	+	+	+		27.9				2.65	A.A.
2477.08-20	288.0	268.0	+		28.4	27.5	0.0	72.1	2.65	A.A.
2477.44-50	+	+	+		27.2				2.64	A.A.
2477.76-83	+	+	+		28.3				2.65	A.A.
2478.07-17	480.0	450.0	535.0	505.0	27.6	11.5	0.0	36.9	2.65	A.A.
2478.43-51	729.0	689.0	224.0	204.0	28.2				2.65	A.A.
2478.73-81	476.0	446.0	171.0	154.0	27.3				2.65	A.A.
2479.03-12	490.0	460.0	+		28.9	12.5	0.0	37.3	2.65	A.A.
2479.41-51	427.0	397.0	+		29.6				2.65	A.A.
2479.66-76	+	+	446.0	416.0	27.0				2.64	A.A.
2479.94-02	521.0	491.0	+		27.4	22.7	0.0	65.6	2.65	A.A.
2480.32-42	1165.0	1115.0	661.0	631.0	30.0				2.65	A.A.
2480.60-68	553.0	523.0	+		28.0				2.64	A.A.
2480.80-90	804.0	764.0	405.0	375.0	29.3	23.9	0.0	68.7	2.65	A.A.
2481.10-18	303.0	273.0	526.0	496.0	28.8				2.65	A.A.
2481.41-50	689.0	659.0	+		28.2	22.7	0.0	65.9	2.64	A.A.
2481.74-86	448.0	418.0	+		26.8				2.64	A.A.
2482.13-21	537.0	507.0	+		28.4				2.64	A.A.
2482.42-50	574.0	544.0	352.0	322.0	27.5	17.7	0.0	55.3	2.65	A.A.
2482.77-90	448.0	418.0	466.0	436.0	28.7				2.64	A.A.
2483.10-20	+	+	+		29.5				2.65	A.A.
2483.53-63	432.0	402.0	373.0	343.0	26.3	20.0	0.0	52.9	2.64	A.A.
2483.95-09	540.0	510.0	310.0	280.0	27.6				2.64	A.A.
2484.35-41	638.0	608.0	505.0	475.0	28.2				2.64	A.A.
2486.50-60	51.0	43.0	20.0	16.0	19.8	12.1	0.0	45.3	2.65	SST.GY.FINE GR.SU-A-W.CEM.CALCITIC.
2486.86-96	67.0	58.0	62.0	53.0	22.1				2.65	A.A.
2487.20-28	561.0	531.0	269.0	249.0	28.7				2.64	SST.GY.MED.F.GR.SU-A.POOR CEMENT.
2487.49-57	526.0	496.0	602.0	572.0	28.9				2.64	A.A.
2487.84-97	386.0	356.0	+		28.9	28.5	0.0	65.3	2.64	SST.GY.MED.GR.SU-A.POOR CEMENT.
2488.20-30	400.0	370.0	315.0	285.0	28.5				2.65	A.A.
2488.54-62	579.0	549.0	524.0	494.0	28.4				2.65	A.A.
2488.82-90	344.0	314.0	+		28.7				2.64	A.A.
2489.20-30	471.0	441.0	376.0	346.0	28.1	19.6	0.0	53.8	2.65	A.A.
2489.50-57	301.0	271.0	642.0	612.0	27.7				2.64	A.A.

COMPANY: STATOIL DATE: FEBR.1982

WELL: 15/5-11 CORE: 9

FIELD: STATE: NORWAY

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELLIUM POROSITY %	SUMMATION POROS. %	PORE-SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STM.		
2489.86-92	291.0	271.0	551.0	521.0	27.8				2.65	A.A.
2490.16-27	286.0	266.0	490.0	460.0	27.5	21.6	0.0	63.4	2.64	A.A.
2490.51-60	256.0	236.0	401.0	371.0	27.1				2.64	A.A.
2490.89-95	9.6	7.4	9.6	7.4	18.6	12.9	0.0	35.9	2.65	SST.GY.MED.G.SU-A.A.CEM.CALC.
2491.25-35	91.0	80.0	93.0	82.0	24.6				2.64	A.A.
2491.50										

+) 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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COMPANY: STATOIL
 DATE: FEBR. 1982
 WELL: 15/9-11
 CORE: 10
 FIELD:
 STATE: NORWAY

DEPTH	HCRIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SUMM- ATION POROS. %	PURE- SATURATION SU	GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL					
2492.00	94.0	83.0	54.0	46.0	29.6	17.1	0.0	2.65	SST.GY.FINE GR.SU-R-W.CEMENT.
2492.00-12	132.0	118.0	114.0	101.0	30.2			2.65	A.A.
2492.32-40	32.0	27.0	37.0	31.0	28.2			2.65	A.A.
2492.67-75	22.0	18.0	+++)		28.2	22.8	0.0	2.65	A.A.
2493.00-10	16.0	13.0	17.0	14.0	27.5			2.65	A.A.
2493.30-39	13.0	10.0	14.0	11.0	27.5			2.65	A.A.
2493.65-73	53.0	45.0	40.0	34.0	28.1	9.2	0.0	2.65	A.A.
2494.00-10	30.0	25.0	46.0	39.0	27.6			2.65	A.A.
2494.42-50	15.0	12.0	14.0	11.0	24.4			2.64	A.A.
2494.69-75	15.0	12.0	14.0	11.0	24.4			2.64	A.A.
2495.10-20	15.0	12.0	17.0	14.0	26.5	26.4	0.0	2.64	A.A.
2495.39-46	+		250.0	230.0	26.0			2.65	A.A.
2495.68-77	110.0	98.0	106.0	94.0	25.4			2.64	A.A.
2496.04-14	186.0	166.0	172.0	155.0	25.6	19.6	0.0	2.64	A.A.
2496.38-45	62.0	53.0	115.0	102.0	25.7			2.64	A.A.
2496.75-83	+		265.0	245.0	27.0			2.64	A.A.
2497.04-13	795.0	755.0	+++)		28.7	26.6	0.0	2.64	A.A.
2470.34-42	326.0	296.0	273.0	253.0	27.0			2.64	A.A.
2497.69-75	436.0	406.0	485.0	455.0	28.1			2.64	A.A.
2498.02-10	668.0	638.0	1523.0	1473.0	28.1	13.5	0.0	2.64	A.A.
2498.31-40	1045.0	995.0	1051.0	1001.0	28.6			2.64	A.A.
2498.60-68	939.0	899.0	218.0	198.0	29.5			2.64	A.A.
2498.99-06	255.0	235.0	1333.0	1283.0	29.0	15.7	0.0	2.64	A.A.
2499.36-46	1519.0	1469.0	166.0	150.0	28.3			2.63	A.A.
2499.67-72	27.0	22.0	693.0	663.0	26.4			2.72	SST.GY.V.F.GR.SU-R.W.CEM.W/CALCITE/MICA
2500.00-12	911.0	871.0	+++)		28.2	12.3	0.0	2.63	SST.GT.MED.GR.SU-A.POOR CEM.W/MICA.
2500.30-39	1048.0	998.0	957.0	917.0	27.6			2.63	A.A.
2500.60-69	1385.0	1335.0	450.0	420.0	27.2			2.64	A.A.
2501.02-12	641.0	611.0	714.0	674.0	25.8	14.1	0.0	2.63	A.A.
2501.40-47	960.0	920.0	447.0	417.0	26.6			2.64	A.A.
2501.68-78	301.0	271.0	748.0	708.0	26.1			2.64	A.A.
2502.00-10	6.3	4.8	7.4	5.7	25.8	24.7	0.0	2.65	SST.GY.F.GR.SU-A.W.CEM.W/MICA.
2502.37-44	6.6	5.0	6.9	5.2	24.1			2.65	A.A.
2502.68-78	1116.0	1066.0	1529.0	1479.0	30.5			2.64	SST.GY.F.GR.SU-A.POOR CEM.W/MICA.
2503.07-19	228.0	208.0	234.0	214.0	27.3	19.3	0.0	2.63	A.A.
2503.43-50	+		+++)		29.6			2.64	A.A.
2503.72-75	479.0	449.0	+++)		28.7			2.64	A.A.
2504.00-09	484.0	454.0	547.0	517.0	28.5	15.6	0.0	2.64	A.A.
2505.10									

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

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COMPANY: STATUIL
 DATE: FEBR. 1982
 WELL: 15/9-11
 CORE: 11
 FIELD: STATE: NORWAY

GECO A.S. LABORATORY
 FINAL REPORT

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SUMMATION POROS. %	PURE-SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SU	STM.		
2506.00										
2506.10-20	34.0	28.0	31.0	26.0	22.8	14.9	0.0	75.4	2.65	SST.GY.V.F.GR.SU-A.W.CEM.W/MICA/CALCITE
2506.40-47	0.67	0.44	0.69	0.45	13.6				2.67	SST.GY.V.F.GR.SU-A.V.W.CEM.h/MICA/CALCI.
2506.64-68	1.01	0.69	0.40	0.26	15.4				2.66	A.A.
2508.05-15	0.22	0.13	0.101	0.06	10.5	12.0	0.0	92.1	2.66	A.A.
2509.47-59	0.212	0.13	0.097	0.06	13.7	13.2	0.0	91.2	2.66	A.A.
2510.40-50	0.050	0.03	0.045	0.02	5.2	5.3	0.0	88.6	2.67	A.A.
2511.37-46	0.076	0.04	0.050	0.03	5.3	12.0	0.0	74.6	2.69	A.A.
2511.74-85	0.57	0.37	0.41	0.26	19.7				2.66	A.A.
2512.16-24	0.25	0.16	0.154	0.09	14.8				2.67	SST.GY.V.F.GR.SU-A.W.CEM.CALC.PYR.COAL
2513.50										

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

COMPANY: STATOIL

FIELD:

FILE: 9246

WELL: 15/9-11

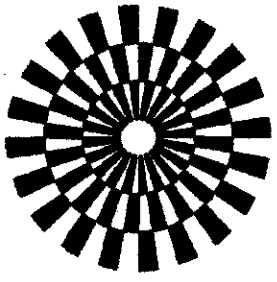
COUNTY:

DATE: FEBR. 1982

LOCATION:

STATE: NORWAY

ELEV.:



CORE GRAPH

THESE ANALYSES, OPINIONS OR INTERPRETATIONS ARE BASED ON OBSERVATIONS AND MATERIAL SUPPLIED BY THE CLIENT TO WHOSE USE FOR WHICH EXCLUSIVELY AND CONFIDENTIAL USE. THIS REPORT IS BASED ON THE INTERPRETATIONS OR OPINIONS EXPRESSED REPRESENT THE BEST JUDGMENT OF GECO LABORATORIES AND ITS OFFICERS AND EMPLOYEES.

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

FLUID SATURATION
OTHER OIL WATER

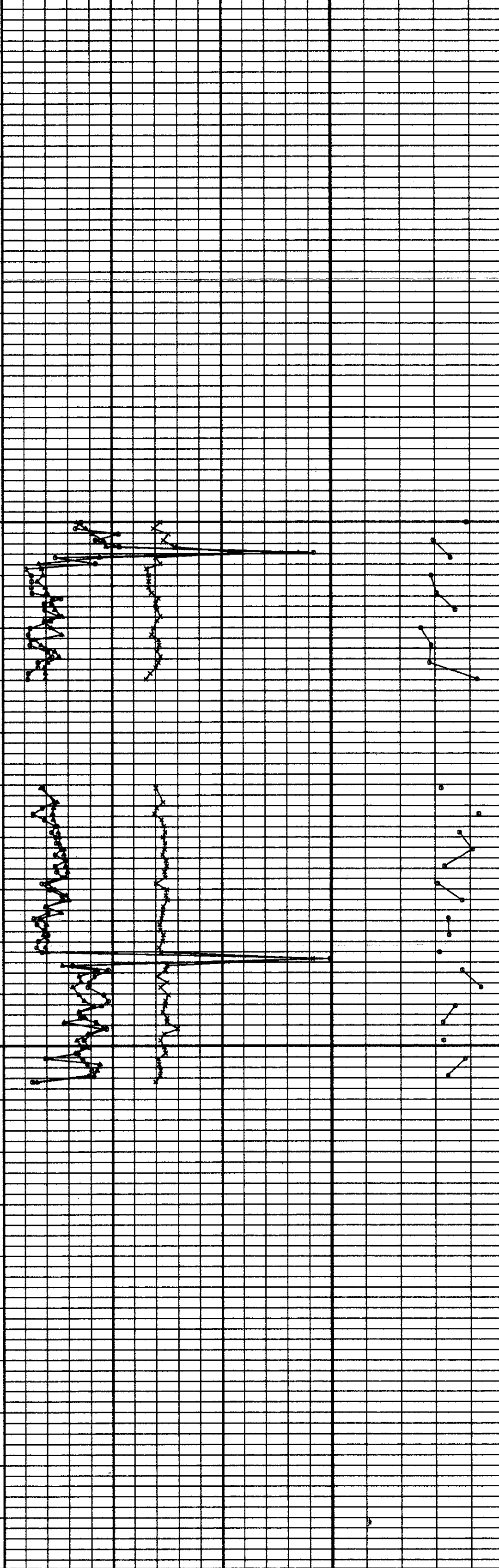
CORE NO: 1

CORE NO: 2

CORE NO: 3

CORE NO: 4

2364.00
2367.00
2370.00
2373.00
2370.00
2373.00
2376.00
2379.00
2382.00
2395.00
2398.00
2401.00
2404.00
2407.00
2406.00
2409.00
2412.00
2415.00
2418.00
2421.00
2424.00
2427.00

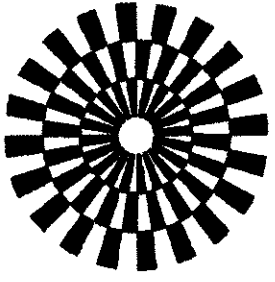


LOGGED INTERVAL:
CORE NO.1 :
2364.00 - 2370.00
CORE NO.2 :
2370.00 - 2379.00
CORE NO.3 :
2395.00 - 2406.00
CORE NO.4 :
2406.00 - 2424.00

COMPANY: STATOIL
 WELL: 15/9-11
 LOCATION:

FIELD:
 COUNTY:
 STATE: NORWAY

FILE: 9246
 DATE: FEBR.1982
 ELEV.:



CORE GRAPH

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VERTICAL SCALE: 1:200

LABORATORY

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

POROSITY %
PERMEABILITY mD
 HORIZONTAL
 VERTICAL

FLUID SATURATION

OTHER OIL WATER
 80 60 40 20 %

**DEPTH
 METER**

1000xD 100xD 10xD 0

2424.00

2427.00

2430.00

2436.00

2439.00

2442.00

2445.00

2448.00

2451.00

2449.00

2452.00

2455.00

2458.00

2464.00

2467.00

2470.00

2473.00

2476.00

LOGGED INTERVAL:

CORE NO.5 :
 2424.00 - 2429.00

CORE NO.6 :
 2436.00 - 2449.00

CORE NO.7 :
 2449.00 - 2457.50

CORE NO.8 :
 2464.00 - 2473.00

CORE NO: 5
 CORE NO: 6
 CORE NO: 7
 CORE NO: 8

COMPANY: STATOIL

FIELD:

FILE: 9246

WELL: 15/9-11

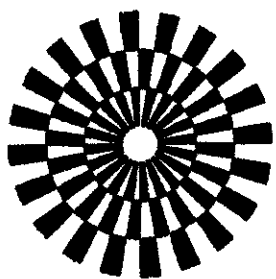
COUNTY:

DATE: FEBR. 1982

LOCATION:

STATE: NORWAY

ELEV.:



CORE GRAPH

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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 PERMEABILITY: x
VERTICAL PERMEABILITY: □

FLUID SATURATION

OTHER: x OIL: □ WATER: □

1000mD 100mD 10mD 0

CORE NO: 9

CORE NO: 10

CORE NO: 11

2473.00

2476.00

2479.00

2482.00

2485.00

2488.00

2491.00

2494.00

2492.00

2495.00

2498.00

2501.00

2504.00

2507.00

2506.00

2509.00

2512.00

2515.00

LOGGED INTERVAL:

CORE NO.9 :
2473.00 - 2491.50

CORE NO.10 :
2492.00 - 2505.10

CORE NO.11 :
2506.00 - 2513.50