



4

STATOIL

CONVENTIONAL CORE ANALYSIS

WELL: 15/8-1

CORE: 1 - 5

15 DEC. 1981
STATOIL
LABORATORY

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 * GECO A.S. LABORATORY
 * FINAL REPORT
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COMPANY: STATOIL
 WELL: 15/8-1
 FIELD:
 STATE: NORWAY
 DATE: DES.81
 CORE: 1
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DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY	VERTICAL PERMEABILITY MILLIDARCY	HELIUM POROSITY %	SUM-ATION POKOS. %	PORE-SATURATION	GRAIN DENS. GR/CC	FORMATION DESCRIPTION
3658.04-14	13.0	10.0	9.8	7.6	19.4	2.65	S.ST.GY.SUB-ANG.FINE GR.W.CEM.W/MICA
3658.37-43	6.0	4.5	5.6	4.2	17.0	2.72	A.A.W/CALCITE
3658.65-70	1000.0	950.0	283.0	269.0	15.4	2.65	SST.GY.SU.A.C.GR.P.CEM.CALC.
3659.06-17	45.0	38.0	5.8	4.4	15.6	2.68	SST.GY.SU.A.F/GR.CEM.MICA
3659.42-50	2.7	1.9	0.59	0.38	13.9	2.73	SST.GY.SU.A.F/GR.CEM.MICA.D.MAT.CALC.
3659.72-80	3.8	2.8	1.9	1.3	16.8	2.75	SST.GY.SU.A.V.F/GR.CEM.MICA.PYR.CALC.
3660.08-20	716.0	676.0	354.0	324.0	17.0	2.63	SST.GY.SUB-ANG.COARS.GR.POOR CEM W/COAL
3660.42-48	67.0	58.0	95.0	84.0	13.0	2.65	SST.GY.SUB-ANG.MED.GR.POOR CEM
3660.70-76	289.0	269.0	128.0	114.0	17.2	2.65	A.A
3661.08-18	9.5	7.4	9.0	7.0	9.4	2.65	SST.GY.SUB-ROUND.PEBBLES.W.CEM
3661.42-50	53.0	45.0	25.0	21.0	15.2	2.67	SST.GY.SUB-ANG.FINEBR.P/W.CEM.W/COAL
3661.80-88	738.0	698.0	494.0	464.0	15.3	2.65	A.A
3662.12-24	122.0	109.0	56.0	48.0	14.1	2.65	SST.GY.SUB-ANG.MGRM/GRANP/MCEM/DRGMALC
3662.50-56	978.0	938.0	272.0	252.0	19.1	2.65	A.A
3662.76-84	787.0	747.0	826.0	786.0	15.5	2.65	A.A
3663.04-14	323.0	293.0	70.0	61.0	18.3	2.65	SST.GY.SUB-ANG.MED.GR.POOR CEM
3663.40-50	132.0	118.0	84.0	74.0	17.4	2.65	A.A
3663.71-78	21.0	17.0	33.0	28.0	18.6	2.65	SST.GY.SUB-ANG.FINE GR.W.CEM.W/COAL
3664.15-25	190.0	170.0	9.5	7.4	16.0	2.65	A.A W/MICA
3664.50-59	797.0	757.0	46.0	39.0	18.4	2.65	SST.GY.SUB-ANG.W.GR.PCEM/CALC/COAL
3664.84-93	223.0	203.0	330.0	300.0	17.6	2.65	A.A
3667.40-50	1290.0	1240.0	1477.0	1427.0	18.1	2.65	SST.GY.SUB-ANG.COARS.GR.POOR CEMENT

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

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DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM PURSITY %	SUMM- ATION POROS. %	PORE- SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL #	KA	KL			SO	STW.		
3667.50										
3667.67-73	163.0	147.0	3.0	2.2	13.8				2.65	SST.GYCOARS/MEDGRSUBANG.PCEM/MIC/CALC
3668.03-14	798.0	758.0	954.0	914.0	19.3	16.3	0.7	35.0	2.65	SST.GY.MED.GR.SUBANG.POOR CEMENTED
3668.49-56	160.0	144.0	79.0	69.0	17.0				2.65	A.A
3668.73-82	1008.0	958.0	646.0	616.0	17.0				2.64	A.A
3669.19-30	1530.0	1480.0	253.0	233.0	18.4	8.9	0.0	42.2	2.65	A.A
3669.55-60	1416.0	1366.0	527.0	497.0	18.2				2.66	A.A
3669.82-92	400.0	370.0	526.0	496.0	19.0				2.65	A.A
3670.22-32	130.0	116.0	65.0	56.0	17.6	8.0	0.0	45.4	2.65	A.A
3670.50-60	1416.0	1366.0	506.0	476.0	18.8				2.65	A.A
3670.92-98	583.0	553.0	263.0	243.0	17.6				2.65	A.A
3671.22-33	674.0	644.0	541.0	511.0	17.5	11.2	0.0	13.7	2.65	A.A
3671.63-69	1054.0	1014.0	630.0	570.0	17.7				2.65	A.A
3671.92-97	1224.0	1174.0	557.0	527.0	18.9				2.65	A.A
3672.21-30	841.0	801.0	181.0	161.0	17.1	11.8	0.0	19.7	2.65	A.A
3672.44-54	1245.0	1195.0	767.0	727.0	17.8				2.64	A.A
3672.98-08	986.0	946.0	228.0	208.0	20.6				2.64	A.A
3673.42-50	1407.0	1357.0	702.0	662.0	17.7	16.0	0.0	25.4	2.66	A.A
3674.04-10	894.0	854.0	224.0	204.0	18.3				2.65	A.A
3678.60										

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

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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			SO	STh.		
3678.80										
3678.80										
3680.60										

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

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DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM PURGOSITY %	SUMM- ATION POROS. %	PORE- SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STh.		
3681.86										
3683.48-58	5.9	4.4	0.64	0.42	12.9	14.5	0.8	25.6	2.65	SST.MED.GR.SU.R.W.CEM.W/ORG.MAT.CALC.
3683.83-90	778.0	738.0	82.0	72.0	20.5				2.65	SST.GY.M.GR.SU.A.POOR CEM.W/CALC.
3684.10-17	172.0	155.0	261.0	241.0	18.1				2.65	SST.GY.M.F.GR.SU.A.POOR/W.CEM.W/CALC.
3684.41-50	372.0	342.0	430.0	400.0	20.5	17.5	0.0	36.0	2.65	A.A.W/CALC/COALS DOTS.
3684.81-87	671.0	641.0	290.0	270.0	21.5				2.65	A.A.W/CALC.
3685.14-20	74.0	64.0	83.0	73.0	20.1				2.65	SST.GY.F.GR.SU.R.W/CEM.W/CALC/COAL/DOTS.
3685.53-64	0.42	0.27	0.23	0.14	5.5	16.8	6.8	44.6	2.46	SLT.SST.GY.BLACK.V.W.CEM.W/COAL.LAY.MICA
3688.22-32	86.0	75.0	1721.0	1661.0	18.2	13.9	0.0	6.3	2.65	SST.GY.M.GR.SU-A.W.CEM.W/ORG.MATTER.
3688.95-01	70.0	61.0	17.0	14.0	19.5				2.64	SST.GY.F.GR.SU-A.POOR/W.CEM.W/ORG.MAT.
3689.23-33	163.0	147.0	110.0	98.0	20.5				2.64	A.A.W/COAL DOTS.
3689.60-69	250.0	230.0	158.0	142.0	21.1	18.0	0.0	36.4	2.64	A.A.W/COAL DOTS.
3689.96-02	181.0	161.0	144.0	129.0	18.6				2.64	A.A.W/COAL.
3690.24-29	121.0	108.0	18.0	15.0	19.2				2.64	A.A.
3690.47-58	219.0	199.0	98.0	87.0	19.7	17.7	0.0	31.4	2.64	A.A.
3690.84-91	130.0	116.0	250.0	230.0	19.4				2.64	A.A.
3691.14-20	478.0	448.0	84.0	74.0	18.5				2.64	SST.GY.MED.GR.SU.A.POOR CEM.
3691.46-57	84.0	74.0	425.0	395.0	16.1	13.8	0.0	26.8	2.64	SST.GY.FINE GR.SUB-ANG.W.CEMENT.
3691.85-91	170.0	154.0	17.0	14.0	16.1				2.64	A.A.W/COAL.
3692.30-38	1604.0	1554.0	144.0	129.0	17.4				2.64	SST.GY.M.COAR.GR.SUB-ANG.POOR CEMENT.
3692.54-62	371.0	341.0	1587.0	1537.0	15.9	7.9	0.0	13.6	2.64	SST.GY.M.FINE GR.SUB-ANG.POOR/W.CEMENT.
3693.00-08	5494.0	5414.0	343.0	313.0	18.8				2.64	SST.GY.COAR.GR.SUB-ROUND.POOR CEMENT.
3693.34-40	3602.0	3522.0	1983.0	1923.0	18.4				2.64	A.A.
3693.78-90	10270.	10120.	2480.0	2400.0	22.2	17.0	4.2	36.4	2.64	A.A.
3694.17-23	53.0	45.0	8419.0	8294.0	16.9				2.61	SST.GY.FINE GR.SUB-ROUND.W/CEMENT.
3694.57-62	58.0	50.0	31.0	26.0	12.0				2.65	SST.GY.V.COAR.GR.ROUND.W.CEMENT.W/CALC.
3695.12-23	56.0	48.0	33.0	28.0	17.4	10.6	1.1	37.5	2.64	SST.GY.FINE GR.SU.A.W.CEM.W/CALCITE.
3695.44-50	96.0	85.0	109.0	97.0	14.7				2.65	A.A.W/CALCITE.
3695.75-81	23.0	19.0	23.0	19.0	14.6				2.64	A.A.W/COAL/MICA/CALCITE.
3696.06-17	59.0	51.0	28.0	23.0	18.0	15.4	0.8	39.2	2.64	SST.GY.MED.GR.SUB-ANG.W.CEMENT.
3696.49-55	99.0	88.0	23.0	19.0	12.3				2.65	SST.GY.V.COAR.SU.R.POOR W/CEMENT.
3696.80-86	316.0	286.0	289.0	269.0	18.0				2.64	SST.GY.MED.GR.SU.A.POOR W/CEM.W/CALCITE.
3697.09-19	183.0	163.0	76.0	66.0	18.7	16.6	0.8	45.2	2.64	A.A.W/CALCITE.
3697.40-47	203.0	183.0	288.0	268.0	17.1				2.64	A.A.
3697.74-81	132.0	118.0	93.0	82.0	19.5				2.64	SST.GY.FINE GR.SU.A.W.CEM.W/CALCITE.
3698.04-15	27.0	22.0	4.1	3.0	17.5	15.0	0.8	43.9	2.65	A.A.
3698.44-55	47.0	40.0	1.6	1.1	15.4				2.65	A.A.
3698.90-00	2.2	1.6	1.9	1.3	15.2				2.67	SILT.SST.GY.V.W.CEMENT.W/CALCITE.
3699.00										

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DEPTH METER	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SUMM- ATION POROS. %	PURE- SATURATION		GRAIN DENS. GR/CC	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STW.		
3699.00										
3699.00-10	3.6	2.6	0.4J	0.26	15.8	17.2	0.0	54.5	2.66	SST.GY.V.FINE GR.SU.A.W/CEM.W/O.MAT.MICA
3699.38-44	10.1	7.9	13.0	10.0	13.8				2.65	A.A.W/MICA.
3699.66-74	265.0	245.0	32.0	27.0	14.9				2.65	SST.GY.MED.FINE.GR.SU.A.POOR CEM.W/COAL.
3699.95-04	279.0	259.0	161.0	145.0	15.3	18.5	2.5	15.0	2.65	A.A.W/COAL.
3700.64-70	103.0	91.0	14.0	11.0	18.7				2.62	SST.BR.FINE GR.ROUND.POOR CEM.W/O.MAT.
3701.03-10	10.8	8.4	4.3	3.2	14.7				2.65	A.A.W/MICA.
3701.46-54	3.2	2.3	2.4	1.7	13.3	10.4	0.0	52.2	2.64	A.A.
3701.83-88	14.0	11.0	16.0	13.0	16.3				2.61	SST.BR.GY.FINE GR.SU.R.W.CEMENT.
3702.48-60	96.0	85.0	25.0	21.0	18.4				2.62	A.A.
3702.86-94	47.0	40.0	41.0	35.0	18.5	15.6	0.0	67.8	2.65	A.A.W/CALCITE.
3703.20-25	+))		6.6	5.0	16.2				2.58	A.A.W.COAL/CALCITE.
3703.50-56	27.0	22.0	34.0	28.0	17.7				2.64	A.A.
3703.79-89	25.0	21.0	16.0	13.0	17.2	13.1	0.0	22.5	2.64	A.A.W/CALCITE.
3704.18-24	22.0	18.0	25.0	21.0	15.7				2.64	A.A.
3704.66-73	21.0	17.0	15.0	12.0	17.5				2.64	SST.GY.FINE GR.SU.A.W/CEMENT.W/CALCITE
3704.91-99	41.0	35.0	33.0	28.0	18.2	16.8	0.0	78.6	2.64	A.A.W.CALCITE.
3705.21-27	14.0	11.0	9.6	7.4	16.0				2.65	A.A.W.CALCITE.
3705.49-57	17.0	14.0	8.0	6.1	16.6				2.64	A.A.W/CALCITE.
3705.89-97	21.0	17.0	24.0	20.0	16.7	9.5	0.0	65.3	2.64	A.A.W/CALCITE.
3706.20										

+) NO MEASUREMENT POSSIBLE
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