

Denne rapport
tilhører

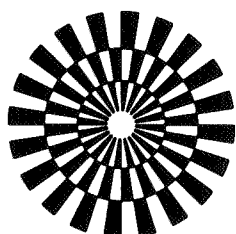


L&U DOK. SENTEF

L. NR. 12480010008

KODE well 34/10-5 nr. 9

Returneres etter bruk



GECO

GEOPHYSICAL COMPANY
OF NORWAY A/S

STATOIL

WELL: 54/10 - 5

CORE: 1 - 4

LABORATORY

FINAL REPORT



Company Statoil Date
 Well 34/10-5 Core No. 1
 Field State

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT		GRAIN DENS.	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STW.		
1910.95-11.05	200	180	347	317	28.2	34.5	23.4	34.7	2.87	s.st.Gy/Black Med/Coarse gr.w/poor cemented,w/mica
11.55-62	2.5	1.8	0.21	0.13	15.7				3.20	s.st.Gy.Med/Fine gr. w,cemented,w/mica siderite
11.85-92	4.6	3.4	0.82	0.55	22.4	26.6	38.1	29.2	3.12	A.A
12.12-22	10.6	8.3	1.1	0.8	29.2				2.69	s.st.Gy.Med.gr. w.cement w/mica trace of coal
12.50-62	27	23	6.7	5.1	29.6	22.6	12.3	29.4	2.65	A.A
13.35-45	3766	3686	3181	3101	36.7				2.62	s.st.Gy.Med/coarse gr poor cemented.
13.67-80	1362	1312	978	938	36.2	40.5	29.8	29.3	2.66	A.A w/mica trace
14.20-30	1993	1933	2271	2211	35.6				2.65	A.A
14.85-15.00	1025	975	N.V.P.	P	34.8	32.9	21.3	35.5	2.67	s.st.Gy.Med/Fine gr. poor cement.w/mica org.matter
16.27-40	957	937	107	95	32.0	33.3	29.1	33.1	2.66	s.st.Gy.Med/Fine gr. poor cemented, w/mica.
16.60-70	392	362	44	37	31.4				2.66	A.A
16.90-17.00	53	46	73	64	27.0				2.84	s.st.Gy.Med/Fine gr. w,cement. calcitic w/mica
17.25-35	224	204	94	84	31.2	29.1	28.6	29.3	2.68	A.A. poor cemented
17.70-80	240	220	34	28	27.1				2.64	A.A. without calcite
18.10-20	363	333	47	40	32.1				2.66	A.A
18.40-50	137	123	106	94	30.8	27.2	25.3	26.1	2.71	s.st.Gy.Med/Fine gr. w/poor cement.calcitic w/mica
18.80-87	294	274	47	41	32.9				2.67	A.A. poor cemented
19.12-22	400	370	N.V.P.	P	30.4				2.68	A.A
19.60-70	987	947	N.V.P.	P	32.2	32.6	26.1	29.5	2.67	A.A. without calcite
1920.05-15	330	300	316	286	31.6				2.67	A.A

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DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT		GRAIN DENS.	FORMATION DESCRIPTION	
	KA	KL	KA	KL			SO	STW.			
1920.53-63	1814	1754	106	94	30.8				2.65	s.st.Gy.Med.gr. poor cemented. mica trace	
20.90-21.00	131	117	60	52	28.0	31.2	23.0	29.9	2.67	s.st.Gy.Med/Fine gr. w.cement.calcite w/mica	
21.35-45	700	660	335	305	33.7				2.66	A.A. without calcite poor cemented	
21.80-92	N.H.P.P		261	241							
22.20-34	1416	1366	540	510	32.2	30.6	26.3	32.7	2.66	A.A	
22.60-71	N.H.P.P		950	910							
23.15-25	N.M.P		367	337	33.6				2.65	A.A	
23.75-85	533	503	537	507	31.8	29.2	14.4	34.9	2.65	A.A	
24.85-95	710	670	N.V.P.P		31.1				2.66	s.st.Gy.Med.gr.poor cemented w/mica	
26.04-11	822	782	840	800	27.4				2.65	A.A. without mica	
26.40-55	1815	1755	N.V.P.P		31.3	22.3	22.0	15.3	2.64	A.A	
27.00-12	N.M.P		1025	975	33.0				2.63	A.A	
			End of core no. 1								

LABORATORY FINAL REPORT



Company Statoil Date

Well 34/10-5 Core No. 2

Field State

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT		GRAIN DENS.	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STW.		
1930.00-12	N.P.P					32.5	15.3	44.5		
30.40-45	4172	4092	488	458	30.3				2.62	s.st.Gy.Med.gr.poor cemented, mica trace, coal trace
30.74-78	N.P.P									
30.98-31.08	793	753	272	252	35.0	23.1	11.3	34.7	2.66	s.st.Gy.Med.gr.poor cemented, w/mica
31.30-35	504	474	187	167	29.9				2.81	A.A. w/calcite
31.56-64	0.006	0.003	0.018	0.01	5.0				2.88	s.st.Gy.Fine/Med.gr.w.cemented, calcitic w/mica
31.91-01	655	625	26	21	31.8	25.1	26.8	44.0	2.69	s.st.Gy.Med.gr.poor cemented, w/mica, calcitic
33.54-62	1074	1024	129	116	27.5	30.5	19.8	33.0	2.69	A.A. Med/Coarse gr.
1933.90-98	21	17	914	874	28.3				2.62	s.st.Gy.Med gr. poor/w.cement.mica trace, calcite trace, clay content
			End of core no.2							

LABORATORY

FINAL REPORT



Company Statoil Date

Well 34/10-5 Core no. 3

Field State

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT		GRAIN DENS.	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STW.		
949.20-31	2105	2045	492	462	31.9	32.9	16.6	48.6	2.62	s.st.Gy/Black Med.gr. poor cement. clay content
49.56-64	833	793	1875	1815	30.6				2.63	A.A
50.03-10	1767	1707	603	573	31.1				2.62	A.A. Med/Coarse gr.
50.72-86	218	198	10.4	8.2	31.1	22.5	9.0	43.0	2.67	s.st.Gy.Med/Fine gr. poor/w.cement w/mica calcite trace
51.10-16	3.7	2.7	0.048	0.03	13.1				2.77	s.st.Gy.Med/Fine gr v.w.cemented, calcitic w/mica
51.40-47	0.102	0.06	0.006	0.003	5.3				2.75	A.A
51.74-82	0.012	0.01	0.006	0.003	4.7	5.5	0.0	62.6	2.73	A.A
51.99-52.06	0.006	0.003	0.004	0.002	3.3				2.72	A.A
52.32-38	0.006	0.003	0.006	0.003	4.2				2.76	A.A
52.66-74	10.1	7.9	0.91	0.61	26.6	23.4	14.3	53.0	2.77	A.A
52.90-99	585	555	520	490	33.7				2.65	s.st.Gy.Med gr. poor cemented, w/mica, calcite trace
53.90-54.05	N.M.P		N.V.P.P		37.7	33.3	17.1	34.8	2.64	A.A. without calcite
54.47-54	1225	1175	428	398	35.5				2.66	s.st.Gy.Med.gr.poor cement.w/mica, calcite trace, coal trace
54.82-94	17	14	17	14	28.1	25.8	18.0	47.7	2.72	s.st.Gy.Med.Gr.poor/w.cement, calcitic w/mica
55.18-24	3.6	2.6	5.1	3.8	26.1				2.68	A.A
55.56-62	10.3	8.1	0.66	0.44	25.2				2.74	A.A
55.90-02	4.4	3.3	0.64	0.42	26.0	26.1	8.2	67.5	2.67	A.A. w/org.streaks
56.18-27	6.9	5.3	0.37	0.24	24.9				2.74	s.st.Gy.Med/Fine gr.w.cement, calcitic w/mica
56.44-52	0.49	0.32	1.7	1.2	25.6				2.71	A.A
956.88-98	0.71	0.47	0.65	0.43	20.6	26.8	4.4	63.9	2.64	s.st.Gy/Black.Fine gr. w.cement. w/mica, clay content

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Well 34/10-5 Core No. 3

Field State

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT		GRAIN DENS.	FORMATION DESCRIPTION	
	KA	KL	KA	KL			SO	STW.			
1957.15-25	619	589	106	94	34.2				2.67	s.st.Gy.Med gr. poor cemented, w/mica	
57.50-58	118	106	34	29	30.4				2.70	A.A. w/calcite	
57.93-02	0.75	0.50	0.191	0.12	26.1	25.0	0.0	79.9	2.74	s.st.Gy.Med/Fine gr. w.cemented, w/mica, calcitic	
58.21-30	17	14	7.8	6.0	26.8				2.62	s.st.Gy.Med.gr.poor/w.cemented,w/mica,calc w/coal	
58.79-98	92	82	1.2	0.8	29.4	24.7	1.7	31.1	2.67	s.st.Gy.Med/Fine gr.poc cemented,calcitic,w/mic org.streaks	
59.19-27	401	371	24	20	31.5				2.66	A.A	
1959.37-49	1498	1448	162	145	36.1	33.6	19.1	38.8	2.64	s.st.Gy.Med gr. poor cemented, w/mica	
			End of core no. 3								

LABORATORY

FINAL REPORT



Company Statoil Date
 Well 34/10-5 Core No. 4
 Field State

DEPTH	HORIZONTAL PERMEABILITY MILLIDARCY		VERTICAL PERMEABILITY MILLIDARCY		HELIUM POROSITY %	SATURATION POROSITY %	PORE-SATURATION PORESATORAT		GRAIN DENS.	FORMATION DESCRIPTION
	KA	KL	KA	KL			SO	STW.		
1967.50-62	435	405	225	205	33,4	27.9	14.1	47.3	2.67	s.st.Gy.Med/Fine gr. poor cemented, w/mica calcitic trace
67.88-97	873	833	121	108	33.9				2,66	A.A
68.33-40	829	789	48	41	34.9				2.66	A.A
68.75-86	682	652	45	39	34.3	27.9	13.2	41.1	2.66	A.A
69.10-17	184	164	2.8	2.0	29.8				2.69	A.A. calcitic
69.47-53	1.05	0.72	0.024	0.01	21.7				2.59	shaly s.st.Fine gr. w.cemented, calcitic trace
69.91-70.05	4.9	3.7	0.073	0.04	24.4	28.5	0.4	79.0	2.63	A.A
70.35-43	N.P.P									
70.83-93	0.66	0.44	N.V.P.P		21.5				2.61	A.A
71.30-39	N.P.P					16.8	0.0	77.1		
71.63-73	N.P.P									
72.28-36	N.P.P									
72.61-72	1.3	0.9	0.24	0.15	21.9	19.3	0.0	70.0	2.78	s.st.Gy.Med/Fine gr. w.cemented, calcitic w/mica
1973.03-10	N.P.P									

End of core no. 4



geco

laboratory

COMPANY STATOIL

FIELD

FILE C.A. 330

WELL 34/10-5

COUNTY

DATE DES. 79

LOCATION

STATE NORWAY

ELEV.

CORE GRAPH

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VERTICAL SCALE : 1 : 200

