

UND — ARKIVET

A/S NORSKE SHELL

Nr.: 5

SIDEWALL SAMPLE

DESCRIPTION

PAGE No. 1

FIELD :

WELL No. 31/a-3

DEPTH OF HOLE: 1000 - 1074 m

DATE TAKEN 15.04.80

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m m				
1000	50	Clst, gy-gn, silt, klyggeturgid, non-calc, mod hrd, lam			
1011	20	Clst, gy-gn, silt, non-swelling, non-calc, sft - mod hrd, sticky			
1022	55	Clst, gy-gn, silt, (klyggeturgid), non-calc, sft - mod hrd, m.Mic			
1033	50	Clst, gy-brn, silt, non-swelling, non-calc, sft			
1045	52	Clst, dv-gn, silt, non-swelling, non-calc, mod hrd, m.Mic, waxy, lam			
1060	45	Clst, dv-gn, silt, non-swelling, non-calc, mod hrd, lam			
1074	50	Clst, dv-gn, silt, non-swelling, non-calc, mod hrd, m.Mic, lam			

Denne rapport
tilhører


L&U DOK. SENTER

L. NR. 20088390006

KODE Well 31/2-3 nra

Returneres etter bruk

A/S NORSKE SHELL

SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/2-3 DEPTH OF HOLE: 1086 - 1155 m DATE TAKEN 15.04.80 PAGE No. 2

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m m				
1086	20	Clst, gy, mottled br, non-swelling, non-calc, sft, striated, m Mic, lam			
1095	55	Clst, sh, gy, mottled bl & br with blk streaks, silt, (hygroscopic), non-calc, sft - mod hbl, m Mic, lam			
1107	55	Clst, sh, gy, non-swelling, non-calc, silt, sft - mod hbl, m Mic, lam			
1120	50	Clst, lt bl, mottled gy-blk, silt, non-swelling, non-calc, sft, lam			
1129	30	Clst, lt bl, silt, non-swelling, calc, sft, m Mic, Py, green mineral			
1143	45	Clst, sh, gy, silt, hygroscopic, non-calc, mod hbl, waxy, m Mic, Foss, (Calc)?, lam			
1155	20	Clst, sh, gy, non-swelling, non-calc, sft - mod hbl			

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SIDEWALL SAMPLE DESCRIPTION

WELL No. 31/2-3 DEPTH OF HOLE: 1163 - 1216 m DATE TAKEN 15.04.80 PAGE No. 3

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m in				
1163	50	Clst, dk gy, silt, (hygturgid), non calc, mod hd, m Mic, laminar interlayered with siltst, wh, non calc	yel	yel	good
1169	42	Clst, brn-gy, silt, non-swelling, non calc, mod hd, m Mic			
1178	20	Clst, gy-gn, silt, non-swelling, non calc, sft, (sticky), m Mic, laminar			
1191	20	Clst, gy-brn, silt, non-swelling, non calc, mod hd, m Mic, Py?, laminar			
1203	45	Clst, gy-gn, silt, non-swelling, non calc, mod hd, (m Mic), laminar			
1211	42	siltst, gy, calc, mod hd, Foss?			
1216	55	Clst, dk gy, silt, non-swelling, non calc, mod hd, laminar			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/2-3 DEPTH OF HOLE: 1224 - 1271 m DATE TAKEN 15.04.80 PAGE No. 4

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m in				
1224	50	Clst, gy with alternating dk gy, wh bands slt, non swelling, non calc, mod hd, lam			
1229	50	Clst, dk gy, silt, byggertungel, non calc, mod hd, lam interlayered with siltst, dk gy, mod hd			
1242	45	Clst, gy with alternating dk gy bands slt, non-swelling, non calc, mod hd lam also layers of siltst, wh, non calc, mod hd			
1256	50	Clst, gy-gy spotted blk, (slt), non-swelling, non calc, sft-mod hd, m/lie			
1266	50	Clst, gy with alternating dk gy bands, (slt), non-swelling, non calc, mod hd, lam			
1271	45	Clst, gy, silt, non-swelling, non calc, mod hd, lam			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/2-3 DEPTH OF HOLE: 1283 - 1355m DATE TAKEN 15.04.80 PAGE No. 5

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m				
1283	30	Clst, gy, dk gy, silt, non-swelling, non calc, med hd			
1299	10	Clst, bl-gy, silt, non-swelling, non calc, med hd, (green mineral)			
1314	30	Clst, bl-gy, silt, non-swelling, non calc, sft, (green mineral), lam			
1319	15	Clst, lt gy, silt, non-swelling, non calc, sft, sticky			
1345	35	Clst, gy, silt, non-swelling, non calc, sft - med hd			
1350	50	Clst, gy, silt, byggetursgil, non calc, med hd			
1355	50	Clst, dk gy, silt, (byggetursgil), calc, med hd, waxy, (micro Py)			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/2-3 DEPTH OF HOLE: 1839 - 2584 m DATE TAKEN 20/5 - 80 PAGE No. 1

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m				
1839	35	Clst, wh-lt gys (fsv), hygroterugid, non calc, mod hd, Mic			
1843.5	38	Sltst, lt gys, (cons), non calc, fri - mod hd, Mic			
1861	ca. 35	Sltst, lt yel (cons), fri, Mic			
1867	ca. 50	Coal, blk, brit			
1874	50	Sst, lt gys, qtz grains, milky wh - trnsbk, fsv - cons, sst - (sst), (amy), sph, cons, non calc, mod hd, Mic, Py			
1903	35	Clst, gys silt, (hygroterugid), non calc, mod hd, (Mic) - Mic in parts, lam (alternating blk and wh laminae)			
1910	35	Clst, dk gys, silt, (hygroterugid), non calc, mod hd - hd, (Mic), lam			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/2-3 DEPTH OF HOLE: 1839 - 2584 m DATE TAKEN 20/5-80 PAGE No. 2

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m in				
1925	42	Clst, gn-gy, silt, hygrofissile, (calc), mod bed, Mic interbedded with: Sst, wh-lt gy, arg, fsh - fsh, non calc			
1933	45	Clst, gy (hygrofissile), non calc, mod bed (Mic) with Sst-lenses in parts, lt gy, arg, fsh - msV, (sst), arg - (ang), (sph), (cons), fri, (Mic)			
1961	34	Clst, brn-gy, silt, non-swelling, non calc, mod bed, (Mic) interbedded with laminae of: Siltst, lt gy, (cons), (calc), fri, Mic			
1978	30	Clst, lt gy - brn, cryptofissile, non calc, Mic with wh siltst laminae			
1995	5	Siltst, gy, s, cont, calc, bed, Mic, Lam			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/2-3 DEPTH OF HOLE 1834 - 2584 m DATE TAKEN 20/5-80 PAGE No. 3

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m in				
2007,5	ca. 30	Clst, brn-gy and brn-gy, non-swelling, non calc, mod hd, (Mic), lam			
2028,5	55	Sst, lt gy, arg, msk - c/s st, (srt), (arg), (sph) - sph, cons, non calc, mod hd			
2047,5	25	Clst, brn-gy, (slt), highly fissile, non calc, mod hd, Mic with: siltst laminae, wh-lt gy, non calc			
2067,8	26	Clst, brn-gy, (slt), (hygreturgid) in parts, (calc), mod hd, Mic with: siltst laminae, lt gy, hd, calc			
2082,5	25	Clst, brn-gy, (slt), (hygreturgid), non calc, Mic with: siltst laminae, lt gy, hd, non calc			
2089	30	Clst, brn-gy, (slt), (hygreturgid), non calc, mod hd, Mic with: siltst laminae, lt gy, non calc, mod hd			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/2-3 DEPTH OF HOLE: 1839 - 2584 m DATE TAKEN 20/5 - 80 PAGE No. 4

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m in				
2110,5	ca. 20	Silt, gy, arg, calc, sil - ssb, sil, (silt), arg - (arg), (elong) - sph, (cons), (calc), (fr), Mic			
2158,5	25	Siltst, gy, s, cons, calc, hd, Mic, (Py)			
2209	30	Siltst, gy, arg, (cons), (fr); non calc, Mic			
2219	28	Siltst, gy, cmt, calc, hd, Mic			
2232	ca. 30	Clst, lt, gy - dk gy, (highly argill), non calc, cons, hd			
2246	ca. 40	Clst, dk gy, non-swelling, non calc, cons, mod hd - hd with: Clst laminae, lt gy, non-swelling non calc, cons, mod hd			
2258	35	Clst, gy - brn, non-swelling, non calc, cons, hd			
2271	43	Clst, red-brn, silt, non-swelling, non calc, soft			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 3112-3 DEPTH OF HOLE: 1839 - 2584 m DATE TAKEN 20/5-80 PAGE No. 5

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	m				
2278	43	Clst, red-brn silt, non-swelling, non calc, sft in parts lenses of Clst, lt gy, silt, non-swelling, non calc, sft			
2291	52	Clst, alternating red-brn and gy-gr, silt, non-swelling, non calc, mixed bed, Mic			
2295	50	" "			
2298	55	" "			
2317	ca. 40	Clst, lt gy-gr, silt, non-swelling, non calc, Mic			
2331	39	Sst, lt gy, silt, sst-m.SV (srt), argy, (elony) - (sph), conc, non calc, fci, Mic, mm-bed			
2345	38	Clst, alternating red and gy-gr, silt, non-swelling, non calc, mixed bed, Mic			
2358	47	" "			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/23 DEPTH OF HOLE: 1839 - 2584 m DATE TAKEN 20/5-80 PAGE No. 6

DEPTH (m)	RECOVERY	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	in m				
2369	53	Clst, red-brn, silt, highly irregular, calc, silt - mod bed			
2374	42	Clst, red-brn with whitel laminae, silt, non-swelling, calc, mod bed			
2398	52	Clst, bl-grey, (Cstt), non-swelling, calc, mod bed in parts lenses of Clst, red-brn, (Cstt), non-swelling, calc, mod bed			
2411	44	Clst, lt grey-dk grey, silt, non-swelling, (Calc), silt, Mic see bands of Siltst, yellow, non calc			
2425	50	Sst, lt grey, K-feldspar, arg, f. s.v - crs s.v, (silt), (ang), (sph), fri, non calc see irregular layers of Siltst, lt grey dk grey, s, fri, Mic, Py in parts			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL NO. 3112-3 DEPTH OF HOLE: 1839-2584m DATE TAKEN 20/5-80 PAGE No. 7

DEPTH (m)	RECOVERY in m	LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
2427	36	Sst, lt gy, qtz / K-feldspar, arg, f. SL - m. su, (srt), (arg), (spha), (fir), (calc), green mineral (= Mic?) with layers of siltst, arg, sft, non calc, Mic			
2434,5	51	Clst, red-brown, silt, non-swelling, non calc, sft, (Mic)			
2443,5	32	Clst, brown spotted wh and gy, silt, non-swelling, calc, sft, Mic			
2457	50	Clst, red-brown, silt, non-swelling, (calc), mod hil, Mic			
2470	33	Clst, with layers of Clst, gy - lt gw, (silt), non-swelling, (calc), (Mic)			
2483,5	41	Clst, red-brown, silt, non-swelling, (calc), mod hil, Mic in parts calc, hil			

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SIDEWALL SAMPLE DESCRIPTION

FIELD : WELL No. 31/2-3 DEPTH OF HOLE 1834-2584 m DATE TAKEN 20/5-80 PAGE No. 8

DEPTH (m)	RECOVERY		LITHOLOGY	SAMPLE FLUORESCENCE	COLOUR OF CUT	CUT FLUORESCENCE
	in	m				
2489	48		Clst, red-brn, silt, non-swelling, calc, mod hd, Mic			
2499,5	43		Clst, red-brn, (silt), non-swelling, non calc, mod hd			
2516	25		Sst, red-brn, silt, SL-MSL (sst), (ang), (sph), (cons), (calc), fin, Mic			
2523,5	27		Sltst, red-brn, arg, calc, mod hd, Mic			
2536	38		Sst, lt gy, arg, SL-MSU (sst), ang, (ang), (sph), (calc), Mic cracks in sst is filled by more argillaceous material			
2555,2	34		Clst, red-brn over gy-gr, silt, non-swelling, (calc), silt-mod hd			
2559	33		Clst, red-brn over gy-gr, silt, non-swelling, calc, silt-mod hd			

