DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C1	DESCRIPTION/REMARKS
470	30		x		70					0.7	1 S wh-clr occ brn (srt) fsl-msl occ crs su
480	30		xx		70					5.0	(ang)-rnd (elong) uncons lse
490	30		xxx		70					2.5	3 LST wh I copt Wkst cons-cmt mod hd glauc
500	40		xx		60					4.0	(py) foss
510	40		xxx		60					4.5	5 CLST gy cmb brk slt
520	30		xxx		70					3.6	glauc py lig
530	10		x		90					2.5	
540	10				90					2.7	
550	10				90					3.6	
560	10				90					2.6	
570	10				90					1.7	
580	10				90					2.1	
590	10				90					2.0	5 CLST: bec pa gy s
600	xxx				100					1.6	
610	10				90					xx	
620					100					0.7	
					100					0.6	
					100					0.8	
					100					0.6	5 CLST: bec pa gy
					90					0.5	
					90					0.6	
					100					0.6	
					100					0.5	
					100					0.5	
					80	xx				0.9	6 SLTST dk gy ang brk cmt,q
					70	xx				0.4	
					80	x				0.7	
					90					0.5	

Geoservices

31/2-9

Cuttings description

Denne rapport tilhører
L&U DOK.SENTER
L.NR. 30287290022
KODE Well 31/2-9 nr 14
Returneres etter bruk
STATOIL

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C 1						DESCRIPTION/REMARKS
470	30		x		70					0.7						1 S wh-clr occ brn (srt) fsl-msl occ crs su
480	30		xx		70					5.0						(ang)-rnd (elong) uncons lse
490	30		xxx		70					2.5						3 LST wh I copt Wkst cons-cmt mod hd glauc
500	40		xx		60					4.0						(py) foss
510	40		xxx		60					4.5						5 CLST gy cmb brk hygroturgid cons fri slt
520	30		xxx		70					3.6						glauc py lig
530	10		x		90					2.5						
540	10				90					2.7						
550	10				90					3.6						
560	10				90					2.6						
570	10				90					1.7						
580	10				90					2.1						
590	10				90					2.0						5 CLST: bec pa gy sndy
600	xxx				100					1.6						
610	10				90					xx						
620	xxx				100					0.7						
630	xxx				100					0.6						
640	xxx				100					0.8						
650	xxx				100					0.6						5 CLST: bec pa gy /gy less sndy shell frags.
660	10				90					0.5						
670	10				90					0.6						
680	xx				100					0.6						
690	xx				100					0.5						
700	xx				100					0.5						
710	20				80	xx				0.9						6 SLTST dk gy ang brk cmt,qz hd glauc
720	30				70	xx				0.4						
730	20				80	x				0.7						
740	10				90					0.5						

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C 1						DESCRIPTION/REMARKS
750	x				100					0.6						CLST: (5) bec pa brn hygroturgid-hygroclastic
760	xxx				100					0.3						slt-(slt)
770	xxx				100					0.1						
780	N.R.															
790	xx				100					1.75						
800	xx				100					3.5						
810	xx				100					1.4						
820	x				100					1.0						
																20" Casing shoe set at 808m

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C 1						DESCRIPTION/REMARKS
820	20	80								x						1)CLST:pa brn, hygroturgid, splin brk, cons,
830	90	10								x						sft, occ((plas)),slt, glauc, py.
840	100	xx								0.2						2)SST:vgt clr/wh/mott blk/purp/yell, (gran)-
850	100	x								0.3						crs, ang brk, cmt, qz, hd, glauc, py,-poss cong.
860	100									0.6						
870	100									0.3						
880	100									0.7						
890	100									0.6						
900	100									0.6						1)CLST: bec pa brn/gy
910	100									0.4						
920	100									0.3						
930	100									0.2						
940	100									0.3						
950	100									0.2						
960	100									0.3						1)CLST: tr shell frags, bec (calc).
970	100									0.2						
980	100									0.2						
990	100									0.3						
1000	100									0.4						
1010	100		x							0.2						3)SST: pa brn/red, fSL-fSU, srt, (ang)-ang,
1020	100									0.1						cmt (calc).
1030	100									x						
1040	100									x						
1050	100									x						
1060	100									0.5						
1070	100									0.4						
1080	100									0.5						
1090	100									0.6						

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C1	DESCRIPTION/REMARKS
1100	100									0.6	(1)CLST:pa brn/gy, earthy-occ cmb brk, hygro-
1110	100									0.4	turgid, cons sft, occglauc, calc-occ non calc,
1120	20	40	40							1.0	py, bec (slt)
1130	xx	90	10							1.2	(2)CLST:pa gn/pa gy, cmb brk, hygroclastic,
1140	x	100	xx							1.4	cons, sft, glc, (calc).
1150		100								1.3	(3)CLST:red/brn, non swell-(hygroturgid), cons
1160		100		xx						1.3	sft, slt.
1170		100		x						1.1	(4)LST:II chk Mdst, wh-yel, ang brk,cmt, sft-
1180		100								0.9	mod hd.
1190		100		x						1.1	
1200		100		xxx						1.1	
1210		100		x						0.8	
1220		100		xxx						1.4	
1230		100		x						2.0	
1240		100		x						2.3	
1250		100								1.2	
1260		100		x						1.5	
1270		100		xx						1.8	
1273		100								1.9	Ditch cuttings were collected every 3m from
1276		100		x						2.1	1270m.
1279		100		x						2.2	
1282		100								2.0	
1285		100		xx						1.9	
1288		100								2.2	
1291		100								2.0	
1294		100								1.8	
1297		100								1.2	
1300		100		x						2.5	

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C 1						DESCRIPTION/REMARKS
1303		80		20						1.9						(2)CLST:pa gn/pa gy, earthy-cmb brk, hygroclastic
1306		90		10						1.5						cons,sft, glauc, (calc).bec occ mod hd.
1309		100		xxx						1.4						(4)LST:wh/yel, II chk Mdst, ang brk, cmt, sft-
1312		100		xxx						1.6						mod hd.
1315		90			10					1.3						(5)CLST:(brn)/gy, hygroturgid, earthy brk, sft,
1318		60			40					1.8						(calc), (slt).
1321		60			40					1.7						
1324		50			50					1.7						
1327		40			60					1.6						
1330		40			60					1.8						
1333		40			60					1.8						
1336		30			70					1.5						
1339		30			70					1.5						
1342		20			80					1.2						
1345		10			90					1.3						(5)CLST: bec pa gy/gy, mod hd.
1348		xxx			100					1.3						
1351		xxx			100					1.6						
1354		x			100					1.6						
1357					100					1.8						
1360																These samples not circulated out due to wiper
1363																trip before bottoms up.
1366					100			x		4.0						(5)CLST: fluorescence in the silty claystones
1369					100			x		3.8						was noted from this depth,in limited areas of
1372					100			x		2.0						the cuttings.Fluorescence is indicated as trace
1375					100			x		2.2						in normal way, and as a percentage of the total
1378					100			x		2.3						cuttings.
1381					100			x xx		2.4						FLUOR; 23.3,31.2,41.2,60-61,70
1384					100			xx		2.4						

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C1					DESCRIPTION/REMARKS
1387					100		xx			2.7					(5)CLST:brn/pa gy, hygroturgid, cons, mod hd-
1390					100		xxx			2.5					sft, slt, ((calc)),(py), glauc
1393					100		10			5.5					fluor;23.3,31.2,41.2,
1396					100		10			5.8					
1399					100		10			4.2					(5)CLST:bec occ gy/gn
1402					100		15			4.4					
1405					100	x	10			4.6					(6)SST:orng/yel, fSL, cmb brk,cons-cmt, calc,
1408					100	x	10			4.2					frl,mic,lim, glauc.
1411					100		xx			4.1					~~Fluor; 23.3,32.4,43.3,~~
1414				xx	100		xx			4.2					(4) LST; wh/lt gy, (cmt), sft, occ mod hd.
1417				x	100		xxx			4.2					II chk Mdst.
1420				x	100		x			4.2					Fluor:23.3,33.4,42.2,
1423				x	100		x			4.1					
1426				x	100		xx			2.3					
1429				x	100		x			3.3					
1432				x	100		x			3.7					
1435					100					2.25					
1438				x	100					3.0					
1441				x	100					4.2					
1444					100					2.75					
1447					100					3.2					
1450				x	100					2.0					(5)CLST:bec occ calc
1453					100					3.2					
1456				x	100					3.0					
1459				x	100					2.6					
1462					100					2.0					
1465					100					2.8					
1468					100					3.1					

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C1						DESCRIPTION/REMARKS
1471				x	100					2.0						(4)Lst:wh/lt gy,II chk Mdst,(cmt),mod hd.
1474				x	100					2.5						Limited fluor A/A
1477				x	100					3.8						(5)CLST: brn/dk gy, occ pa gy, hygroturgid, cons
1480					100					2.75						sft-mod hd, (slt)-slt, (calc), py glauc,bec occ
1483					100					3.0						mod hd-hd. 23.3,31.2,41.2
1486					100					3.1						
1489					100			x		3.2						
1492					100			x		3.7						
1495					100			x		4.0						
1498				x	100					4.0						
1501				xx	100					3.8						
1504																Not circulated out due to wiper trips prior
1507																to casing.
																Total depth 1509m.
																Bit pulled initially at 1503m. Re-entry was
																made, and a further 6m was drilled (1509m)
																prior to casing.
																Casing shoe set at 1498m

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY			FLUORESCENCE	CAVINGS C_1		C_2		C_3		DESCRIPTION/REMARKS
1510					100					x							(5)CLST:lt gy-med gy occ pa brn,crmb-earthy brk
1513					100					0	.9	0	.16	x			hygroturgid-hygroclastic,sft,glauc,(py).
1516					100					x							
1519					100												
1522					100												
1525					100					x							
1528					100					x							
1531					100					x							
1534					100					0	.5	x					
1537				x	100					0	.7	x					(4)LST:wh-lt gy,II chk Mdst,sft-occ mod hd,occ
1540	30			10	60					1	.2	0	.17				arg,occ bec mrl.
1543				40	60					0	.3	x					(1)CLST:pa gy-gn,earthy,hygroclastic,sft,(glauc)
1546				30	70					0	.7	x					non calc.
1549				40	60					1	.2	x					
1552				x	10	90				2	.3						(6)S:wh-lt gy,ml-crsu,(srt),ang-(ang)occ (rnd)
1555				x	10	90											(elong)-(sph),uncons.

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C1	C2	C3				DESCRIPTION/REMARKS
1630	40	30	20	10						1.0	0.06					(1)SLTST/SST lt gy-pa brn-med gy slt-ssl occ fsu
1633	90	10	X	X						1.6	0.06					srt mic occ(py) occ calc cmt hd
1636	90	10	X	X						0.8	0.04					(2)CLST med-dk gy mod hd occ(calc)(slt)grading to
1639	100	XXX	X							0.2						sh dk gy hd
1642	100	XXX								0.6	X					(3)LST wh-dk gy fri arg
1645	100	X	X							1.25	0.03					(4)S clr-milky wh msu-crssl lse qz
1648	100	X	XXX							1.95	X					
1651	100		X							1.8	0.03					
1654	100		X							1.7	0.03					
1657	100		X							1.85	0.04					
1660	100		X							1.95	0.04					
1663	100									1.8	X					
1666	100		X							1.7	X					
1669	100		X							1.25	X					(3)LST lt yel-orng sft dol
1672	100		X							0.95	X					
1675	100									1.0	X					
1678	100		X							1.3	X					
1681	90		10							0.75	X					
1684	100		X							0.5						(5)MRL ltgy-pa brn-occ wh sft-sft(hygroturgid)
1687	100		X							0.4						earthy(mic)
1690	80	X	X	XX	20					0.5						(4)S clr-milky wh msu-crssu lse qz
1693	90			XXX	10					0.5						
1696	100			XXX	XXX					0.5						
1699	100									0.5						
1702	100									0.6						
1705	100									0.6						
1708	90			10						0.6						
1711	60		10	30						0.6						

DEPTH	LITHOLOGY 1	2	3	4	5	6	POROSITY	FLUORESCENCE	CAVINGS	C1						DESCRIPTION/REMARKS
1714	10	X		60	10	20				0.5						(6)SST fsu-msl sft-hd kaol occ py calc occ calc
1717	60	X		30		10				0.8						
1720	50	X	10	30		10				0.8						
1723	40			50		10				0.4						
1726	10			80		10				0.3						
1729	60			20		20				0.2						
1732	90	XX		XX		10				0.7						(1)SLTST/SST lt-dk gy(brn)(fsl)sft arg occ py
1735	80	XX		20		XX				0.7						(2)CLST med-dk gy hd occ calc grading to sh
1738	10	X	X	90		XX				0.3						(3)LST wh-lt gy mod hd arg dol
1741	XXX	X	10	60		30				X						(4)S clr-milky wh msl-msu(crssl)lse qz py
1744	XXX	XX	XXX	100		XXX				0.3						(6)SST lt gy-(brn)wh fsu-fsl sft-hd kaol occ py calc
1747	XXX	X	XXX	100		XXX				X						
1750	10	X	XX	90		XXX				X						
1753	50		X	50		XX				X						
1756	80		X	20		X				0.2						
1759	70		X	30		X				X						
1762	10			90		X				X						
1765	X		XXX	90		10				X						
1768	X		XXX	90		10				X						
																TD 1770 METRES