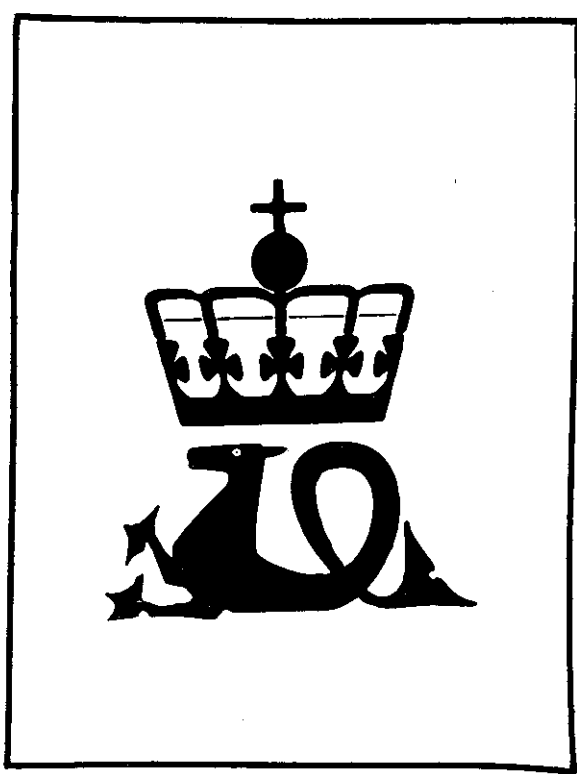


WELL NO : 31/4-4

OPERATOR : NORSK HYDRO
LICENSE NO : 055
FIELD :



OLJEDIREKTORATET

TOTAL DEPTH : 3150M RKB
KBE : 25M
WATER DEPTH : 214M

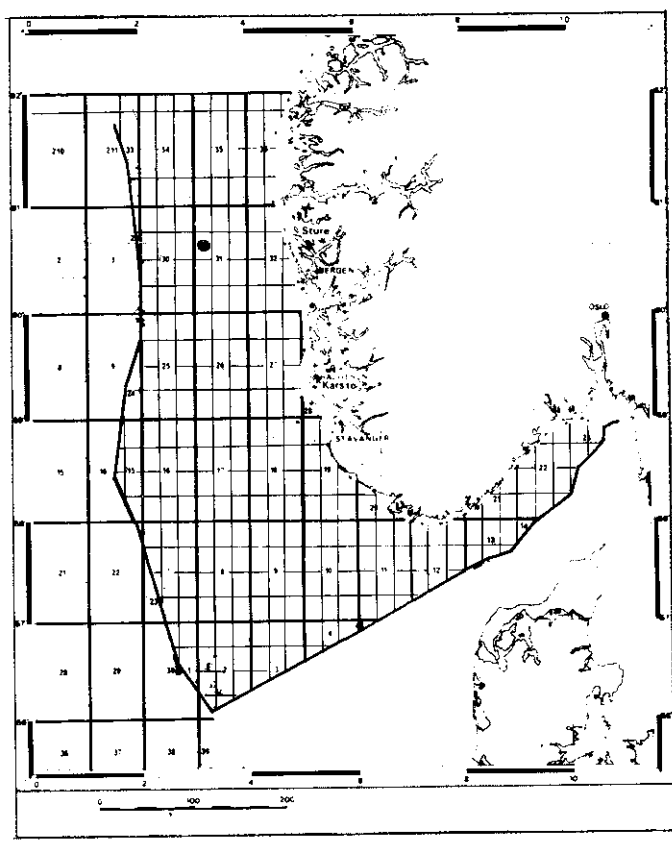
COORDINATES : 60°40'01.12"N/03°06'54.12"E
SPUD CLASSIF. : WILDCAT
COMPL. CLASSIF. : PLUGGED AND ABANDONED AS A DRY HOLE

SPUD DATE : 17.12.80
COMPL. DATE : 17.02.81
RIG : NORTRYM

LICENSE GROUP :

NORSK HYDRO 15%
STATOIL 50%
ESSO EXPLORATION 20%
ARCO NORGE 10%
BP 5%

LOCATION MAP



COMPLETION LOG

scale 1 : 4000

PERIOD	EPOCH / STAGE	GROUP	FORMATION	DEPTH M(RKB)	GENERALIZED LITHOLOGY	GAMMA/CALIPER	LOG DEPTH M (RKB)	RESTIVITY / ACOUSTIC	DESCRIPTION
QUATERNARY	Pleistocene	Nordland	UTSIRA	300	M		300		Seabed at 239 m (RKB)
				400	M		400		Cl: lt-m gy, sft, slty-s, traces of carb, calc, mic, pyr, glc, Shell frags
TERTIARY	Pliocene	Nordland	UTSIRA	500	M		500		
				600	M		600		Cl: a/a
TERTIARY	Miocene	Hordaland	UTSIRA	700	M		700		
				800	M		800		S: clr-mlky, f-m grdg, (ang)-rnd, occ arg/calc cmt Cl-strks, glc, mic, Shell frags
TERTIARY	Oligocene	Hordaland	UTSIRA	900	M		900		Cl: m gy, sft, grdg to slty, calc, Sst-strks, occ Lst-strks, mmic, Shell frags, glc
				1000	M		1000		Cl/Clst: olv gy, lt-m gy, occ yel brn, grn gy, sft-firm m mic, slty-s, occ carb/calc. Strks of Sh and Lst, Shell frags, glc
TERTIARY	Eocene	Rogaland	LISTA	1100	M		1100		
				1200	M		1200		
TERTIARY	Paleocene	Rogaland	LISTA	1300	M		1300		
				1400	M		1400		
TERTIARY	Eocene	Rogaland	LISTA	1500	M		1500		
				1600	M		1600		
TERTIARY	Eocene	Rogaland	LISTA	1700	M		1700		
				1800	M		1800		Clst: yel brn-olv gy, m gy, lt grn gy, sft-mod hd, occ slty, tuff, w/Sltst- and Ls-strks, pyr
TERTIARY	Eocene	Rogaland	LISTA	1900	M		1900		Clst: m gy-olv gy, bl gy, gy grn, rd brn, m hd, blk w/
				2000	M		2000		Sh: bl grn, rd, brn, tuff-sltst, Lst-strks: lt gy-lt yel, pyr
TERTIARY	Eocene	Rogaland	LISTA	2100	M		2100		Clst: gy, brn, gy, grn gy, bl grn, sft-hd, blk-gy, mmic, glc, calc, pyr, sst/sltst-strks w/
				2200	M		2200		Ls-strks: wh, gy, sft-hd, cmt, grdg to Dol/Ls
CRETACEOUS	Cenomanian	Shetland	MAUREEN MONTROSE	2300	M		2300		Clst: lt-m gy a/a, calc grdg to Mrl, chky Ls-strks
				2400	M		2400		Clst: lt-gy, occ dk gy, rd brn, sft-firm, blk, mmic, calc, occ slty, sst-intbd, pyr, glc, Ls-strks, occ Sh-strks bcm less S and calc
CRETACEOUS	Cenomanian	Shetland	MAUREEN MONTROSE	2500	M		2500		Clst: a/a, bcm mod brn, calc
				2600	M		2600		Clst: gy, yel-dk brn, occ rd brn, firm, calc, slty, carb, mmic grdg to Mrl
CRETACEOUS	Cenomanian	Shetland	MAUREEN MONTROSE	2700	M		2700		Ls: wh-lt gy, sft-firm, bcm arg, mrl, pyr, glc
				2800	M		2800		Sh: brn gy, brn blk, firm, (fiss), slty, carb, mmic, non calc, grdg to sltst
CRETACEOUS	Cenomanian	Shetland	MAUREEN MONTROSE	2900	M		2900		Sst: lt-m gy, occ mlky, (ang), firm, occ, fri, calc cmt, occ pyr/glc/carb;
				3000	M		3000		Sh-/Ls-strks
CRETACEOUS	Cenomanian	Shetland	MAUREEN MONTROSE	3100	M		3100		Sst: brn-olv blk, dk gy brn, firm-hd, occ sft, blk, mmic arg, bcm mod calc, occ S-/Ls-/Sh- strks, pyr, grdg to Clst: gy, sft-firm, mmic, non calc
JURASSIC	Bathonian	Dunlin	COOK	3200	M		3200		Sltst: dk-gy, bcm brn gy, sft-m hd, blk, fri, occ arg and S, mmic, carb, pyr, carb, grds to
				3300	M		3300		Sst-strks: brn gy-brn blk, firm carb, and Lst-strks: wh, lt gy, sft - m hd, chky, arg
JURASSIC	Bathonian	Dunlin	COOK	3400	M		3400		S: clr qtz, f-m srt, occ crs, ang-(rnd), occ mic, occ arg and carb
				3500	M		3500		Sltst: lt-m gy, brn, mmic, occ carb, non calc, sh
JURASSIC	Bathonian	Dunlin	COOK	3600	M		3600		Sst-intbd: wh-lt gy, dk gy, f-m srt, sub ang, arg or calc cmt, pyr, glc
				3700	M		3700		Clst: lt-m gy-gy brn, occ wh, sft-firm, mmic, carb, slty w/strks of Ls: gy-wh, occ S and arg, chky, dol
JURASSIC	Bathonian	Dunlin	COOK	3800	M		3800		Sh: dk gy-gy blk, brn gy, m hd, blk, subfiss, mmic, occ slty and Sst, intbd w/Clst: olv gy, yel brn-lt bcm sft-hd, slty, mmic, occ calc-strks
				3900	M		3900		Sltst: brn gy-olv gy, dk brn-olv blk, firm-hd, mic arg, carb, S, pyr
JURASSIC	Bathonian	Dunlin	COOK	4000	M		4000		Sst: wh-lt gy, clr-mlky Qtz, f, ang, slty, calc cmt
				4100	M		4100		Clst/Sh: olv gy, olv blk, brn gy, firm-hd, blk-fiss, mmic, carb, occ calc-mrl, w/strks of Sst and Ls, occ grdg to Sltst: olv gy-dk gy, s, occ arg and carb, glc, pyr
JURASSIC	Bathonian	Dunlin	COOK	4200	M		4200		Sst: mass, clr, mlky Qtz, f-crs grdg, fri, mic, glc, w/Sh-/Sltst-intbd and occ coal-strks
				4300	M		4300		

TD=3154M RKB