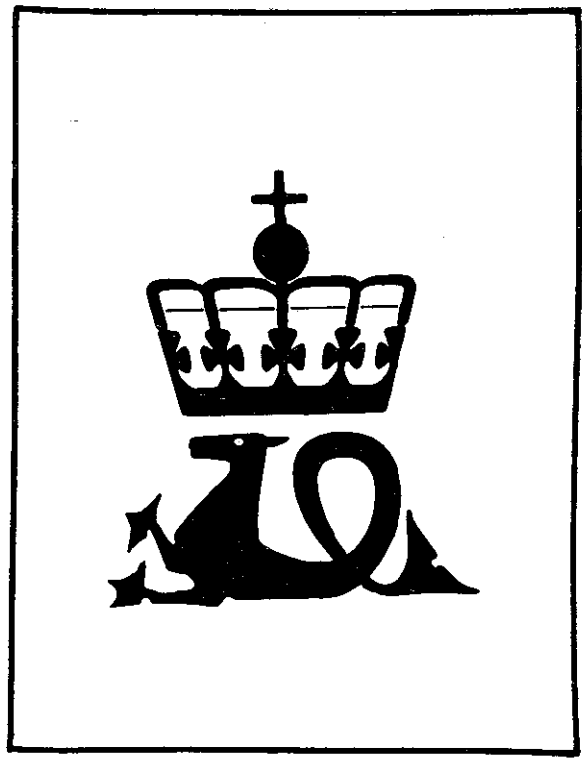


WELL NO : 31/4-5

OPERATOR : NORSK HYDRO  
 LICENSE NO : 055  
 FIELD : BRAGE



TOTAL DEPTH : 2930.5M (RKB)  
 KBE : 25M  
 WATER DEPTH : 143M

COORDINATES : 60° 33' 30.92" N / 03° 03' 25.17" E  
 SPUD CLASSIF. : WILDCAT  
 COMPL. CLASSIF. : PLUGGED AND ABANDONED, HC-BEARING

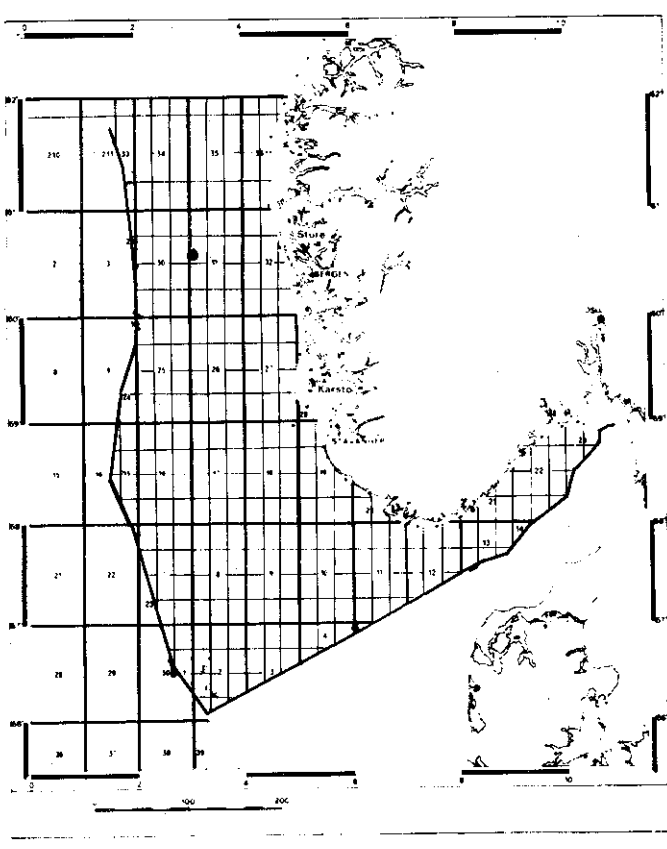
OLJEDIREKTORATET

SPUD DATE : 27.05.81  
 COMPL. DATE : 29.07.81  
 RIG : NORTRYM

LICENSE GROUP :

Norsk Hydro 15%  
 Statoll 50%  
 Esso Exploration 20%  
 Arco Norge 10%  
 BP 5%

LOCATION MAP



COMPLETION LOG

scale 1 : 4000

PERIOD	EPOCH / STAGE	FORMATION	DEPTH M(RKB)	GENERALIZED LITHOLOGY	cored interval test interval	GAMMA CALIPER	LOG DEPTH M (RKB)	RESTIVITY / ACOUSTIC	DESCRIPTION
QUATERNARY	Pleistocene	Nordland					200		SEABED AT 168 m (RKB)
									Cl: dk gn gy - gy blk, sft, stky, occ S and slty, mmic, calc - non calc, shell frags
TERTIARY	Pliocene	Utsira					300		S: clr Qtz, m-crs, sub ang-sunrnd, mica, glc, shell frags, Cl-strks
									Cl: olv gy- dk gy, sft, slty-s, mmic, non-calc, glc, w/occ Lst-strks: gy - rd brn, firm - hd, arg, occ mmic Cl/Clst: olv gy, brn, brn blk, gngy, sft-firm, mmica, glc, w strks of occ calc cmt, Slt/S/Clst/Sh in lower parts. Ls-/Dol-strks
TERTIARY	Miocene	Hordaland					400		
									Clst: a/a
TERTIARY	Oligocene	Eocene					500		Clst: gn blk, brn, blk, occ slty, occ blk and wh tuff
									Clst: gn blk, brn, olv gy-lt gy, firm, blk, mmic, tuff w/Ls - strks, pyr
TERTIARY	Eocene	Rogaland					600		Clst: lt olv gy - gn gy, blk, occ mmic, Ls-/Dol- strks
									Clst: gn gy-dk gn-gy, gy, brn, blk, Sh-/Ls- strks, pyr, glc
TERTIARY	Paleocene	Lister					700		Clst: dk gy, dk gn gy, firm-m hd, blk - (fiss), occ slty, mmic, carb, pyr, glc, non-m calc
									Ls: wh, lt gy, rd-purple, sft-m hd, chky, mmic, occ styl, occ arg, intbd w/Mrl Sh: blk, firm-hd, mmic, carb, non calc, slty, fiss Sst: lt-m dk gy, brn, f-crs, subang-rnd, hd, calc cmt. Cht-/Sh-/Sltst-intbd Sst: a/a, abd mic, carb lam, arg, occ calc cmt Sst: lt gy - yel brn, dk gy, clr, f Qtz, occ slty, ang-rnd, m hd, arg, occ calc cmt, foss frags, mod srt, pyr
TERTIARY	Eocene	Lister					800		Sst: olvgy, brn gy, clr Qtz, subang-rnd, firm-hd, arg, calc cmt, mic, pyr, occ coal lam, occ Ls-strks and Clst-strks
									Sst: wh, lt gy - olv gy, clr, f-m-crs, m hd, subang-subrnd, arg, mica, foss, lse and cmt, Clst-/Sltst-/Coal-intbd, occ Ls-strks, pyr
TERTIARY	Eocene	Lister					900		Sst: a/a
									Sst: olv gy - yel gy, occ wh, sft - firm - m hd, blk, olv gy, brn, mmic, (calc), occ Ls-strks, and Sst, w/ Sltst/slty Clst
TERTIARY	Eocene	Lister					1000		Sst: wh, lt gy, f, occ crs, subang-rnd, fri-(hd), arg, cmt, mic, loc grads to Ls, Sltst-/Clst-Ls-strks
									Clst: dk gn - gn blk, olv gy, brn gy-yel brn, occ wh, sft, s, mmic, occ carb, non-calc - calc, w/ Sst/Sltst - intbd: mmic, yel brn, firm, carb, occ Dol/Ls - strks: wh, yel brn, firm - hd, Slt
TERTIARY	Eocene	Lister					1100		Sst: fri-lse rd, gn, Qtz, f - crs, ang-rnd, fri-lse non calc, calc cmt, coal-intbd, grdg to s Ls, Dol-/Sltst-/Sh - intbd, pyr, mic, glc
									Clst: olv gy - gn gy, dol, blk, slty
TERTIARY	Eocene	Lister					1200		Sst: clr, wh, gy, f - m, calc cmt, arg, coal, w/ Ls-/Clst- intbd: gn - gy, rd brn, (calc) and w/ Sh-/Sltst- strks, pyr, mic
TERTIARY	Eocene	Lister					1300		
TERTIARY	Eocene	Lister					1400		
TERTIARY	Eocene	Lister					1500		
TERTIARY	Eocene	Lister					1600		
TERTIARY	Eocene	Lister					1700		
TERTIARY	Eocene	Lister					1800		
TERTIARY	Eocene	Lister					1900		
TERTIARY	Eocene	Lister					2000		
TERTIARY	Eocene	Lister					2100		
TERTIARY	Eocene	Lister					2200		
TERTIARY	Eocene	Lister					2300		
TERTIARY	Eocene	Lister					2400		
TERTIARY	Eocene	Lister					2500		
TERTIARY	Eocene	Lister					2600		
TERTIARY	Eocene	Lister					2700		
TERTIARY	Eocene	Lister					2800		
TERTIARY	Eocene	Lister					2900		

TD=2930m (RKB)