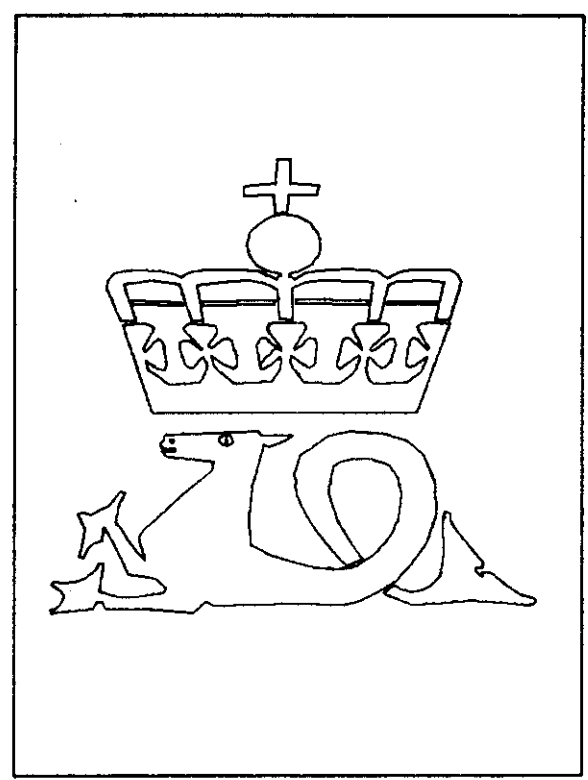


WELL NO: 31/5-2 & 31/5-2 R
 OPERATOR: SAGA PETROLEUM A.S.
 LICENSE NO: 085

TOTAL DEPTH: 2500 M RKB
 KBE: 26 M
 WATER DEPTH: 316 M

COORDINATES: 60°43'33.29"N/03°32'52.74"E
 DATUM: ED50
 SPUD CLASSIF.: WILDCAT
 COMPL. CLASSIF.: P&A. OIL/GAS DISC.



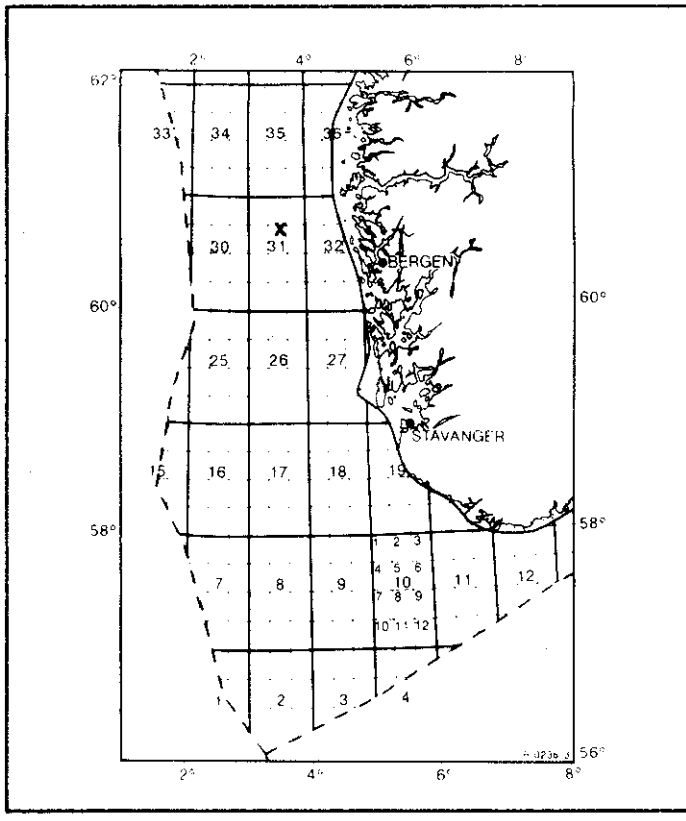
OLJEDIREKTORATET

RE-ENTRY:

SPUD DATE: 83.10.05 84.06.11
 COMPL. DATE: 83.11.11 84.08.30
 RIG: TREASURE SAGA

LICENSE GROUP:
 NORSK HYDRO PRODUKSJON A.S. 9.000 %
 SAGA PETROLEUM A.S. 6.000 %
 DEN NORSKE STATS OLJESELSKAP A.S. 85.000 %

LOCATION MAP



COMPLETION LOG

scale 1: 4000

SYSTEM	SERIES	STAGE	GROUP	FORMATION	DEPTH M RKB	GAMMA RAY / CALIPER	RESISTIVITY	ACOUSTIC	CORES CASING TESTS	GENERALIZED LITHOLOGY	DESCRIPTION
QUATERNARY	PLEISTOCENE		NORDLAND		0 - 400						CL: silty, oly gu, sft, stky, st. calc.
TERTIARY	PLIOCENE		NORDLAND		400 - 600						S: wh-clr, vf-f, sbnd, vl-mod sft, glo. CL: o/g, tr Pur, Sls, Shell frag
					600 - 800						CL: silty, oly gu, brn, sft, stky, st. calc.
TERTIARY	OLIGOCENE		NORDLAND		800 - 1000	CALIPER GAMMA RAY					Intbd S: wh-clr, pred vf-silty, mod sft, glo, mto, tr shell frag.
					1000 - 1200						CL: silty, brn-gu brn, sft-claf; non calc; xln.
TERTIARY	M. EOCENE	LEO			1200 - 1400						CLST: silty, occ sft, an gu, non calc.
					1400 - 1600						CL: silty, brn-gu brn, sft-claf; non calc; xln.
TERTIARY	PALEOCENE		ROGALAND	SELLE BALDER	1600 - 1800						CLST: silty, tuff, an gu, brn, sft, non-st calc.
					1800 - 2000						CLST: occ silty, sft, an gu, non calc, mto.
TERTIARY	UPPER JURASSIC	OXFORDIAN	KI	SOGNEFJORD	2000 - 2200						CLST: silty, brn, bcm an gu, dk gu, sft, non calc, mto.
					2200 - 2400						LS/MRL: wh-gu dk gu, occ brn v an silty, fr-hd, Intbd CLST: an gu, sbrles, non calc, mto, sft, non calc.
TERTIARY	MIDDLE JURASSIC	CALLOVIAN	VIKING	FENSFJORD	2400 - 2600						SH: blk-gu blk, fies, fr-hd, mto, org rch, calc.
					2600 - 2800						SST: a gu, gu, f-vf, loc sbr, sbrng-sbrnd, fr-hd, calc ont.
TERTIARY	UPPER JURASSIC	BATHONIAN	L. CALLOVIAN	HEAT	2800 - 3000						SST: occ silty, a gu, sft, fr-hd-sbrnd, fr-hd, calc ont, sbrng.
					3000 - 3200						SST: silty, m-dk gu, y org, vf-f, prty-mod sft, fr-hd, calc, sft, sbrng-sbrnd, calc, sft, CLST: mto, calc.
TERTIARY	MIDDLE JURASSIC	TOARCIAN	DRAKE	DRAKE	3200 - 3400						SST: a/g, sbrng-sbrnd, fr-hd, v-mic, non-v calc.
					3400 - 3600						Strks CLST: m-dk gu, fr-hd, sbrles, non calc.
TERTIARY	LOWER JURASSIC	PLENSBOGHAN	DUNLIN	HEAT	3600 - 3800						SST: lt-gu dk gu, fr-hd, sbrng-sbrnd, fr-hd, calc, sft, sbrng-sbrnd, mto, fr-hd.
					3800 - 4000						Strks CLST: a/g.
TERTIARY	LOWER JURASSIC	SMP-PB	JOHANSEN	STAT	4000 - 4200						SST: lt-gu dk gu, vf-v org, prty-mod sft, fr-hd, calc, sft, sbrng-sbrnd, fr-hd, calc, sft, Pur, Sls, Mto.
					4200 - 4400						Intbd: SST, SLST & CLST:
TERTIARY	LOWER JURASSIC	TOARCIAN	DRAKE	DRAKE	4400 - 4600						SST: wh, Qlz, fr-hd, fr-hd, sbrng-sbrnd, mod fr-hd, calc ont.
					4600 - 4800						CLST: gu-dk gu, mod fr-hd, sbrng-sbrnd, fr-hd, calc, sft, sbrng-sbrnd, fr-hd, calc, sft, Pur, Sls, Mto.
TERTIARY	LOWER JURASSIC	TOARCIAN	DRAKE	DRAKE	4800 - 5000						CLST: gu-dk gu, fr-hd, sbrng-sbrnd, fr-hd, calc, sft, sbrng-sbrnd, fr-hd, calc, sft, Pur, Sls, Mto.
					5000 - 5200						SST: gu-wh, fr-hd, fr-hd, Qlz, wh-mto, fr-hd, sbrng-sbrnd, fr-hd, calc, sft, Pur, Sls, Mto, Coal, Clst.
TERTIARY	LOWER JURASSIC	TOARCIAN	DRAKE	DRAKE	5200 - 5400						SST: a/g, sbrng-sbrnd, fr-hd, calc, sft, sbrng-sbrnd, fr-hd, calc, sft, Pur, Sls, Mto.
					5400 - 5600						SST: a/g, sbrng-sbrnd, fr-hd, calc, sft, sbrng-sbrnd, fr-hd, calc, sft, Pur, Sls, Mto.
TERTIARY	LOWER JURASSIC	TOARCIAN	DRAKE	DRAKE	5600 - 5800						SST: a/g, sbrng-sbrnd, fr-hd, calc, sft, sbrng-sbrnd, fr-hd, calc, sft, Pur, Sls, Mto.
					5800 - 6000						SST: a/g, sbrng-sbrnd, fr-hd, calc, sft, sbrng-sbrnd, fr-hd, calc, sft, Pur, Sls, Mto.