6508/1-1A

Nr. 1

Phillips/Statoil/SDØE

Saga Petroleum

Composite Well Log

Well 6508/1-1A

SCALE	: 1:500	LOCATION COORDINATES	
COUNTRY	: Norway	DATUM	: UTM Zone 32
AREA	: Norne	LATITUDE	: 65 57' 57.03" N
LICENCE	: 213	LONGITUDE	: 08 03'15.03" E
RIG TAKEN OVER		UTM COORDINATES	: 7 316 612.1mN / 457 013.9mE
BY THE LICENCE	: 30.08.99		
DATE SPUDDED	: 30.08.99	ELEVATIONS	
T.D. DATE	: 07.09.99	RKB-MEAN SEA LEVEL	: 25
RIG RELEASED	: 13.09.99	RKB-SEA FLOOR	: 415
COMPLETION STATUS	: P&A as a dry well.	WATER DEPTH	: 390
		TOTAL DEPTH	
		driller's depth	: 2861
RIG	: Scarabeo 5	loggers depth	: 2862,5

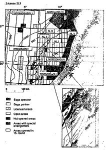
DRILLING CONTRACTOR	MUDLOGGING SERVICE
Saipem	

CASING SHOE (mRKB)		HOLE SIZE INTERVAL (mRKB)	
13 3/8"	1204	12 1/4"	1219 - 2587 mMD
9 5/8"	1922	8 1/2"	2587 - 2861 mMD

LOGS

Casing Record mRKB	Hole Size mRKB MD	Logged Interval mRKB MD	Type of Log	Run No.	Date
9 5/8"	12 1/4"	1219-2587m	MWD (GR/RES)		
	8 1/2"	2587-2861m	MWD (GR/RES)		
	8 1/2"	2861-2581m	HALS-DSI-PEX-GPIT	A/A/A/A	08.09.99
	8 1/2"	2860-1180m	VSP	1A	09.09.99
	8 1/2"	2850-2800m	MSCT	1A	09.09.99

LOCATION MAP



AUTHOR : E. Tvelt

DRAFTED BY : Geologists Scarabeo 5

APPR : A.Hansen

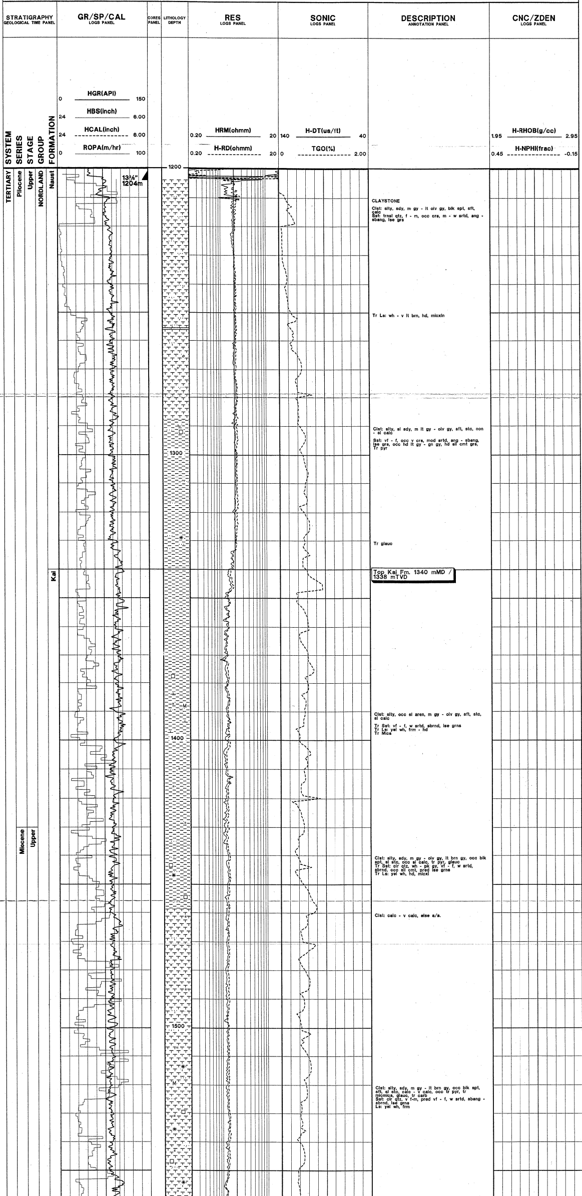
DATE : 01/02/00

LITHOLOGY SYMBOLS

- CONGLOMERATE
- BRECCIA
- SANDSTONE
- SILTSTONE
- CLAY CLAYSTONE SHALE
- CALCAREOUS CLAYSTONE
- MARL
- CHALK
- NO RETURNS
- LIMESTONE
- ARGILLACEOUS LIMESTONE
- DOLOMITIC LIMESTONE
- OOLITIC LIMESTONE
- DOLOMITE
- CALCAREOUS DOLOMITE
- ANHYDRITE GYPSUM
- COAL
- HALITE
- POLYHALITE
- VOLCANICS TUFF
- INTRUSIVE IGNEOUS
- EXTRUSIVE IGNEOUS
- METAMORPHIC
- BASEMENT
- CEMENT

ACCESSORY SYMBOLS

- CONGLOMERATIC
- SANDY
- SILTY
- ARGILLACEOUS
- SHALY
- MARLY
- CALCAREOUS
- DOLOMITIC
- LIMESTONE STRINGER
- ANHYDRITIC GYPSIFEROUS
- V VOLCANICS TUFFACEOUS
- Ca CALCITIC
- CHERTY
- GLAUCONITIC
- Fe FERRUGINOUS
- PYRITIC
- CARBONACEOUS
- M MICACEOUS
- K FELDSPATHIC
- Ph PHOSPHATIC
- OOLITIC
- MACROFOSSILS UNDIFF
- MICROFOSSILS UNDIFF
- AMMONITES
- BELEMNITES
- CORALS
- ECHINOIDS
- GASTROPODS
- BIOTURBATED
- ROOTS
- PLANT REMAINS



CLAYSTONE

Clst: slty, sdy, m gy - lt olv gy, blk spt, sft, calc
Sst: trnsl qtz, f - m, occ crs, m - w srtd, ang - sbang, lse grs

Tr Ls: wh - v lt brn, hd, micxln

Clst: slty, sl sdy, m lt gy - olv gy, sft, stc, non - sl calc

Sst: vf - f, occ v crs, mod srtd, ang - sbang, lse grs, occ hd lt gy - gn gy, hd sil cmt grs, Tr pyr

Tr glauc

Top Kai Fm. 1340 mMD / 1338 mTVD

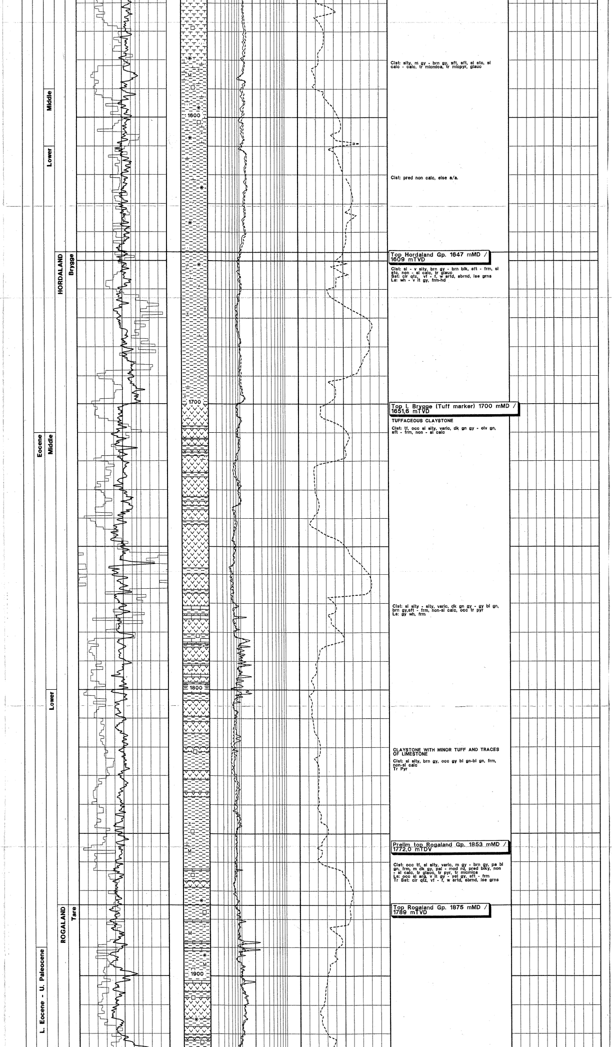
Clst: slty, occ sl aren, m gy - olv gy, sft, stc, sl calc

Tr Sst: vf - f, w srtd, sbrnd, lse grns
Tr Ls: yel wh, frm - hd
Tr Mica

Clst: slty, sdy, m gy - olv gy, lt brn gy, occ blk spt, sl stc, occ sl calc, tr pyr, glauc
Tr Sst: clr qtz, wh - pk gy, vf - f, w srtd, sbrnd, occ sil cmt, pred lse grns
Tr Ls: yel wh, hd, micxl

Clst: calc - v calc, else a/s.

Clst: slty, sdy, m gy - lt brn gy, occ blk spt, sft, sl stc, calc - v calc, occ tr pyr, tr micmica, glauc, tr carb
Sst: clr qtz, v f-m, pred vf - f, w srtd, sbang - sbrnd, lse grns
Ls: yel wh, frm



Clst: slty, m gy - brn gy, sft, sft, sl stc, sl calc - calc, tr micmica, tr micpyr, glauc

Clst: pred non calc, else a/a.

Top Hordaland Gp. 1647 mMD / 1609 mTVD

Clst: sl - v slty, brn gy - brn blk, sft - frm, sl stc, non - sl calc, tr glauc
Sst: clr qtz, vf - f, w srtd, sbrnd, lse grns
Ls: wh - v lt gy, frm-hd

Top l. Brygge (Tuff marker) 1700 mMD / 1651,6 mTVD

TUFFACEOUS CLAYSTONE

Clst: tf, occ sl slty, varic, dk gn gy - olv gn, sft - frm, non - sl calc

Clst: sl slty - slty, varic, dk gn gy - gy bl gn, brn gy,sft - frm, non-sl calc, occ tr pyr
Ls: gy wh, frm

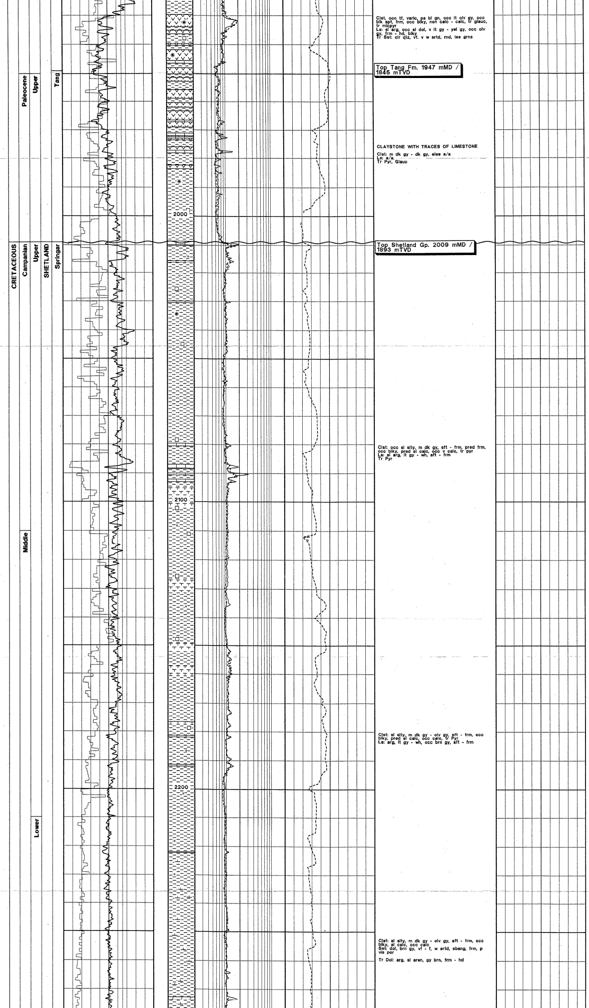
CLAYSTONE WITH MINOR TUFF AND TRACES OF LIMESTONE

Clst: sl slty, brn gy, occ gy bl gn-bl gn, frm, non-sl calc
Tr Pyr

Prelim top Rogaland Gp. 1853 mMD / 1772,0 mTDV

Clst: occ tf, sl slty, varic, m gy - brn gy, pa bl gn, frm, m dk gy, pal - mod rd, pred blky, non - sl calc, tr glauc, tr pyr, tr micmica
Ls: occ sl arg, v lt gy - yel gy, sft - frm
Tr Sst: clr qtz, vf - f, w srtd, sbrnd, lse grns

Top Rogaland Gp. 1875 mMD / 1789 mTVD



Clst, occ tf, varic, pa bl gn, occ lt olv gy, occ blk spt, frm, occ blky, non calc - calc, tr glauc, tr micpyr
Ls: sl arg, occ sl dol, v lt gy - yel gy, occ olv gy, frm - hd, blky
Tr Sst: clr qtz, vf. v w srtd, rnd, lse grns

Top Tang Fm. 1947 mMD /
1845 mTVD

CLAYSTONE WITH TRACES OF LIMESTONE

Clst: m dk gy - dk gy, else a/a
Ls: a/a.
Tr Pyr, Glauc

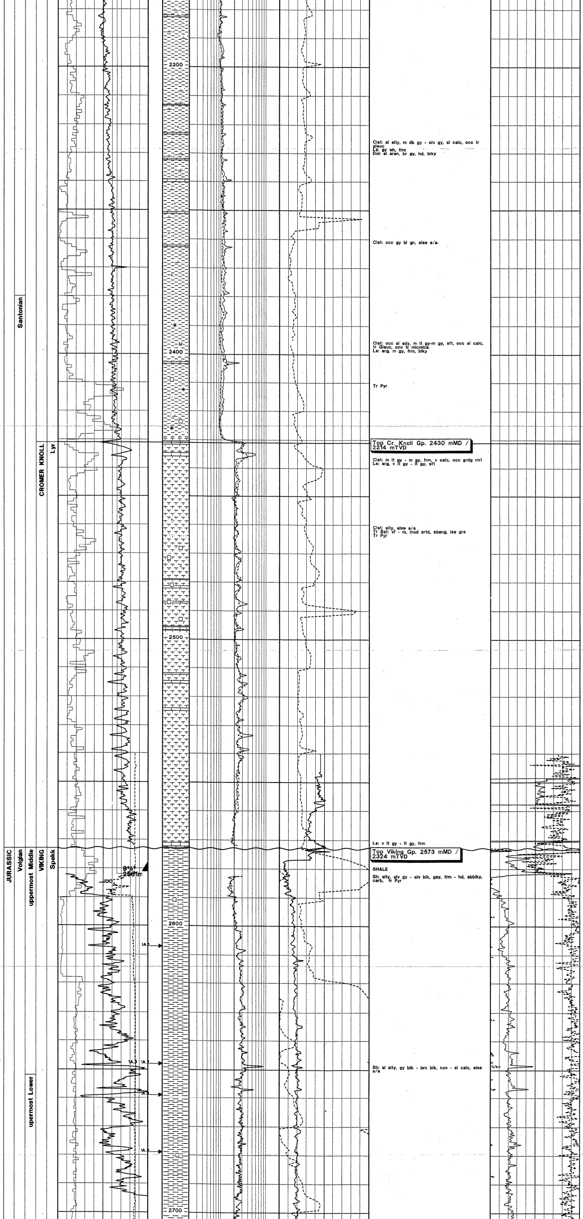
Top Shetland Gp. 2009 mMD /
1893 mTVD

Clst: occ sl slty, m dk gy, sft - frm, pred frm, occ blky, pred sl calc, occ v calc, tr pyr
Ls: sl arg, lt gy - wh, sft - frm
Tr Pyr

Clst: sl slty, m dk gy - olv gy, sft - frm, occ blky, pred sl calc, occ calc, tr Pyr
Ls: arg, lt gy - wh, occ brn gy, sft - frm

Clst: sl slty, m dk gy - olv gy, sft - frm, occ blky, sl calc, occ calc
Sst: dol, brn gy, vf - f, w srtd, sbang, frm, p vis por

Tr Dol: arg, sl aren, gy brn, frm - hd



Clst: sl slty, m dk gy - olv gy, sl calc, occ tr glauc
Ls: gy wh, frm
Dol: sl aren, br gy, hd, blky

Clst: occ gy bl gn, else a/a.

Clst: occ sl sdy, m lt gy-m gy, sft, occ sl calc, tr Glauc, occ tr micmica.
Ls: arg, m gy, frm, blky

Tr Pyr

Top Cr. Knoll Gp. 2430 mMD / 2214 mTVD

Clst: m lt gy - m gy, frm, v calc, occ grdg mrl
Ls: arg, v lt gy - lt gy, sft

Clst: slty, else a/a
Tr Sst: vf - m, mod srtd, sbang, lse grs
Tr Pyr

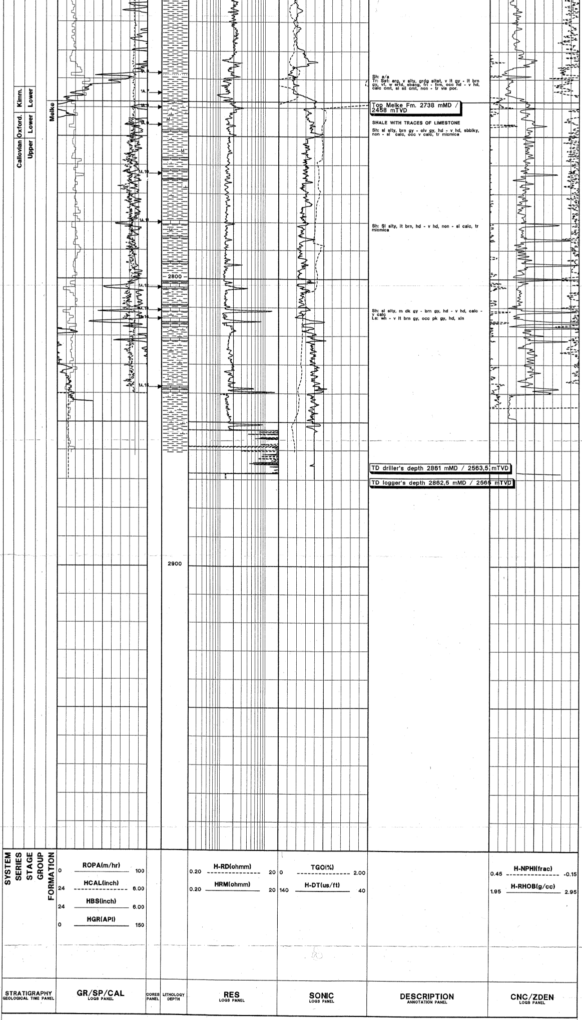
Ls: v lt gy - lt gy, frm

Top Viking Gp. 2573 mMD / 2324 mTVD

SHALE

Sh: slty, olv gy - olv blk, gsy, frm - hd, sbblky, carb, tr Pyr

Sh: sl slty, gy blk - brn blk, non - sl calc, else a/a



Sh: a/a
Tr: Sst: arg, v slty, grdg sltst, v lt gy - lt brn gy, vf, w srtd, sbang, fri - frm, occ hd - v hd, calc cmt, sl sil cmt, non - tr vis por.

Top Melke Fm. 2738 mMD / 2458 mTVD

SHALE WITH TRACES OF LIMESTONE

Sh: sl slty, brn gy - olv gy, hd - v hd, sbblky, non - sl calc, occ v calc, tr micmica

Sh: Sl slty, lt brn, hd - v hd, non - sl calc, tr micmica

Sh: sl slty, m dk gy - brn gy, hd - v hd, calc - v calc
Ls: wh - v lt brn gy, occ pk gy, hd, xln

TD driller's depth 2861 mMD / 2563,5 mTVD

TD logger's depth 2862,5 mMD / 2565 mTVD