Mobil Exploration Norway Inc.
Saga Petroleum ASA
Esso / Statoil / Norsk Hydro / Idemitsu
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saga

Saga Petroleum ASA

Composite Well Log

Well 34/7-27

SCALE	: 1 : 500	LOCATION COORDINATES	
COUNTRY	: NORWAY	DATUM	: UTM ZONE 31
AREA	: Block 34/7	LATITUDE	: 61deg 29min 32.09sec N
LICENCE	: PL 089/206/037	LONGITUDE	: 02deg 00min 21.00sec E
RIG TAKEN OVER BY THE LICENSE	: 07.08.1998	UTM COORDINATES	: 447 062.5 mE 6 818 184.3 mN
DATE ON LOCATION	: 31.08.1998	ELEVATIONS	
DATE SPUDDED	: 01.09.1998	RKB-MEAN SEA LEVEL	: 25 m
DATE RESPUDDED	: 03.09.1998	RKB-SEA FLOOR	: 335.5 m
T.D. DATE	: 29.09.1998	WATER DEPTH	: 310.5 m
RIG RELEASED	: 08.10.1998	TOTAL DEPTH	
COMPLETION STATUS	: Plugged & Abandoned as a Dry Well	Driller's depth	: 3000 m MD RKB (2999.8 m TVD RKB)
RIG	: Byford Dolphin	Logger's depth	: 2997 m MD RKB (2996.8 m TVD RKB)

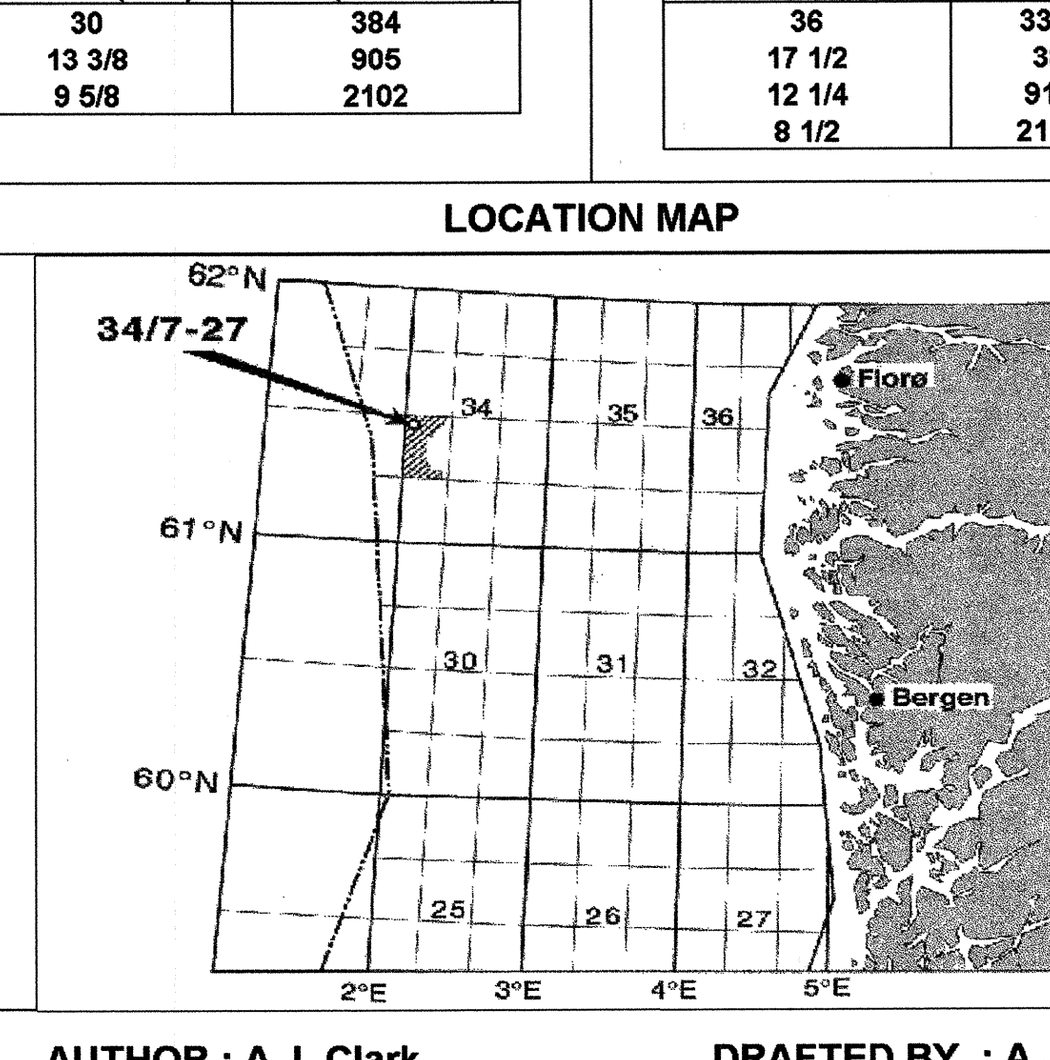
DRILLING CONTRACTOR	MUDLOGGING SERVICE	LOGS	
Dolphin Drilling	Geoservices	Sperry Sun Drilling Services	Schlumberger
CASING SHOE (m MD RKB)	HOLE SIZE INTERVAL (m MD RKB)		

Diameter (inch)	Shoe (m MD RKB)
30	384
13 3/8	905
9 5/8	2102

Diameter (inch)	Interval (m MD)
36	335.5 - 386
17 1/2	386 - 915
12 1/4	915 - 2112
8 1/2	2112 - 3000

Casing Record	Hole Size	Logged Interval	Log Type	Run No.	Date
30" at 384 m MD	17 1/2"	386 - 915 m MD	MWD: GR-RES-PWD-DIR		05.09.98
13 3/8" at 905 m MD	12 1/4"	915 - 2112 m MD	MWD: GR-RES-PWD-DIR		10.09.98
9 5/8" at 2102 m MD	8 1/2"	2112 - 3000 m MD	MWD: GR-RES-DIR		20.09.98
		2102 - 2994.7 m MD	HALS-PEX	1A	30.09.98
		2748.5 - 2917.5 m MD	MDT	1A	30.09.98
		2732 - 2951 m MD	MSCT	1A	01.10.98
		2102 - 2996 m MD	FMI-DSI-HNGS	1A	01.10.98
		1630 - 2880 m MD	VSP	1A	02.10.98

LOCATION MAP



AUTHOR : A.J. Clark | DRAFTED BY : A.J. Clark | APPROVED : A. Hansen | DATE : 28/02/1999

LITHOLOGY LEGEND

CONGLOMERATE, BRECCIA, SANDSTONE, SILTSTONE, MUDSTONE, CLAYSTONE, SHALE, LIMESTONE, DOLOMITIC LIMESTONE, DOLOMITE, CALCAREOUS DOLOMITE, CHALK, MARL, TUFF, COAL, SALT, ANHYDRITE, METAMORPHIC ROCKS

CALCITIC, DOLOMITIC, K KAOLINITIC, SIDERITE, I ILLITE, CHERT, GLAUCONITE, PYRITE, M MICA, C CARBONACEOUS, Chlor CHLORITE, Si SILICA, ARGILLACEOUS

MACROFOSSILS, MICROFOSSILS, SHELLS, BELEMNITES, FORAMINIFERA, SJØLILJER, SPICULES, CORALS, STAMMER

SYMBOLS

SIDEWALL CORES: NO. / RECOVERED; NO RECOVERY

CONVENTIONAL CORES: TOP; TOTAL CORED INTERVAL; CORE NO; NO RECOVERY; BASE; LOG SHIFTED

CASING SHOE; LINER SHOE

FMT / RFT / MDT

DST

OIL STAINING; FLUORESCENCE; VISIBLE CUT; FLUORESCENCE CUT; GAS SHOWS

STRATIGRAPHY Geological Time Panel	GR / SP / CAL Logs Panel	CORES Panel	LITHOLOGY DEPTH	RES Logs Panel	SONIC Logs Panel	DESCRIPTION Annotation Panel	CNC / ZDEN Logs Panel
System, Series, Stage, Group, Formation	BIT (inches) 6–26; CAL (inches) 6–26; ROP (m/hr) 100–0; GR (API) 0–150			RS (ohmm) 0.2–20; RM (ohmm) 0.2–20; RD (ohmm) 0.2–20	TOTAL GAS (%) 0–10; DT (usec/ft) 140–40		RHOB (g/cc) 1.95–2.95; NPHI (Frac) 0.45–-0.15

Seabed at 335.5 m MD/310.5 m MSL

No returns from seabed to 915 m MD. Interpretation based on MWD log.

MWD log from 386 m MD

No Surface Returns. No Shallow Gas

No Surface Returns. No Shallow Gas

LOT: 1.59 g/cc at 905 m MD/ 905 m TVD

CLAYSTONE WITH MINOR SANDSTONE

Clst: slty, i/p sdy, m gy-olv gy, sft-frm, sbblky, mica, sl glauc

Sst: arg, lt gy-lt brn gy, vf-f, occ m, mod-w srtd, sbrnd, fr-frm-lse, calc cmt, glauc, mica

Tr: shl frag, pyr

Top Utsira Fm at 1005 mMD / 1005 mTVD

SANDSTONE

Sst: lse clr qtz, r mlky wh, f-crs, occ v crs, mod-w srtd, sbrnd-rnd, glauc

Tr: shl frag, mica, glauc

SANSTONE INTERBEDDED WITH CLAYSTONE

Sst: bcm v glauc, else a/a

Clst: slty, brn gy, loc dsk gn, frm, sbblky, glauc, mica, mic pyr, loc v sdy grdg arg Sst

Sst: arg i/p, brn gy-dsk gn pred lse, f-m, mod-w srtd, sbang-rnd, loc abd glauc gr

Tr: shl frag, pyr

Top Hordaland Gp at 1142 mMD / 1142 mTVD

CLAYSTONE WITH LIMESTONE STRINGERS AND MINOR SANDSTONE BEDS

Clst: i/p slty, dk gy, olv gy-olv blk, frm, sbblky, non-occ sl calc, glauc, sl mic-mica, mic-pyr

Ls: arg, lt olv gy, occ v lt gy, frm, occ hd, brit-sbblky

Sst: slty, olv gy, vf-f, ang-sbrnd, sft-hd, occ v hd, occ lse, glauc, mica, arg mtx, grdg sdy sltst

Ls: a/a

CLAYSTONE WITH LIMESTONE STRINGERS

Clst: dk gy-olv gy, sbblky, non calc, sl mic-mica

Ls: sl dol, lt yel gy, frm-hd, blky

Tr: Sst, pyr, mica

Ls: i/p dol, pred lt gy, lt brn gy, frm-hd, blky

Clst: i/p slty, dk gy-gn blk, frm, sbblky, non calc, mic-pyr, sl mic-mica

Clst: occ brn gy, sft - frm, else a/a

Ls: i/p dol, i/p arg, lt gy - lt brn gy, frm - hd, blky