HYDRO

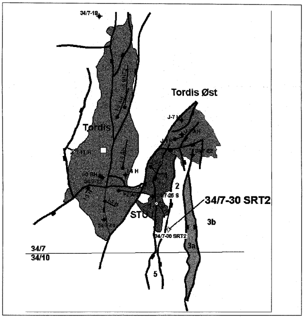
COMPOSITE LOG

STUJ FIELD

Scale: 1 / 500

Well: 34/7-30 SR / 30 SRT2

Location Map



KB Elevation	25.0 m	**Country**	Norway
Water Depth	238.0 m	**Licence**	PL089
Depth Reference	RKB		
Total Depth (Driller)	2478.0 m MD RKB 2269.2 m TVD RKB	**Owners**	Saga Petroleum ASA, Esso, Norske Stats Oljeselskap a.s., Idemitsu Oil Expl. (Norsk a.s.), Norsk Hydro Prod. a.s., Elf, RWE-DEA
Total Depth (Logger)	TD not tagged		
		Field	STUJ
Formation at Total Depth	Heather Fm.	**Platform**	Scarabeo 5
Date Spudded	15.11.1999		
Date Reached TD	29.11.1999	**Drilling Contractor**	Saipem
Date Completed		**Mudlogging Company**	Geoservices
Well Status	Plugged and abandoned	**Logging Company**	Schlumberger
		MWD Company	Baker Hughes Inteq
Well Classification	Appraisal	**Geologists**	S. Eikemo, A. Clark
Prepared by	K.E. Larsen		
Controlled by	V. Fjerdingstad		
Date	11.03.2002		

Well Coordinates	**Slot center:**	6 792 385 m N	455 500 m E
	TD coordinates:	6 792 103.9 m N	454 884.3 m E
	Coordinate reference:	ED 50, UTM Zone 31	

Output log file created : 2002-03-12 14:51:19
Winlog well ID : 34_7_30 SRT2
Winlog template version : 20010309 - AJC

Casing Records

Diameter	Shoe depth m MD RKB	Shoe depth m TVD RKB
30" Casing shoe	287	287
13 3/8" Casing shoe	1134	1133.8
9 5/8" Casing shoe	2355	2165.6

LOT / FIT

Type	Result SG	Depth m MD RKB	Depth m TVD RKB
FIT	1.64	1134.0	1133.8
FIT	1.70	2355.0	2165.6

Comments

Well 34/7-30 SR was the second well to be drilled in the STUJ field. The well was drilled from drilltest well 34/7-30.
Well 34/7-30 SRT2 started at 1244 m MD and was drilled to TD of 2478 m MD.

Pressure points (MDT); All 5 pretests measurements were tight.

Logs

Run no.	Log type	Logged interval
1	MWD: GR/RES/DIR	1142 - 1220 m
2	MWD: GR/RES/DIR	1220 - 1365 m
3 T2	MWD: GR/RES/DIR	1244 - 1994 m
4 T2	MWD: GR/RES/DIR	1994 - 2362 m
5 T2	MWD: GR/RES/DIR	2362 - 2362 m
6 T2	MWD: GR/RES/DIR	2362 - 2403 m
7 T2	MWD: GR/RES/DIR	2448 - 2478 m
1AAA	CBL-VDL-GR, USIT	1211 - 2340 m
2AAA	AITH-DSI-PEX-GR-ACTS	2342 - 2477 m
2AAA	VSP	aborted
2AAA	MDT-GR	2399.5 - 2480 m

Cores

Core no.	Cored interval m MD RKB		Recovered interval m MD RKB		Rec. mMD	Rec. %
1	2403.0	2448.0	2403.0	2447.5	44.5	98.8

Pressure points (MDT)

Test no.	Depth m MD RKB	Depth m TVD RKB	Fmn. Press. SG	Test no.	Depth m MD RKB	Depth m TVD RKB	Fmn. Press. SG
1	2400.5	2203.0	0.00	4	2400.2	2203.6	0.00
2	2400.0	2203.4	0.00	5	2400.2	2203.6	0.00
3	2399.5	2203.0	0.00				

Perforated Intervals

Interval no.	Perforation top m MD RKB	Perforation bottom m MD RKB
No perforated intervals		

Lithology Legend

CONGLOMERATE
SAND/SANDSTONE
SILT/SILTSTONE
CLAY/CLAYSTONE
SHALE
LIMESTONE
DOLOMITE
DOL. LIMESTONE
CALC. DOLOMITE
CHALK
MARL
ANHYDRITE
SALT
GYPSUM
TUFF
INTR. IGNEOUS
EXTR. IGNEOUS

···	SANDY, VERY
··	SANDY
·	SANDY, SLIGHTLY
ıı ıı ıı	SILTY, VERY
ıı ıı	SILTY
ıı	SILTY, SLIGHTLY
—	ARGILLACEOUS
⊥	CALCAREOUS
Q	CEMENT: QUARTZ
⊥⊥⊥	CEMENT: CARBONATE
K	CEMENT: KAOLINITE
C	CARBONACEOUS MAT.
△	CHERT
✻	GLAUCONITE
M	MICA
□	PYRITE
v	TUFFACEOUS
	MACROFOSSILS
	MACROFOSSILS FRAG
	MICROFOSSILS

Symbol legend

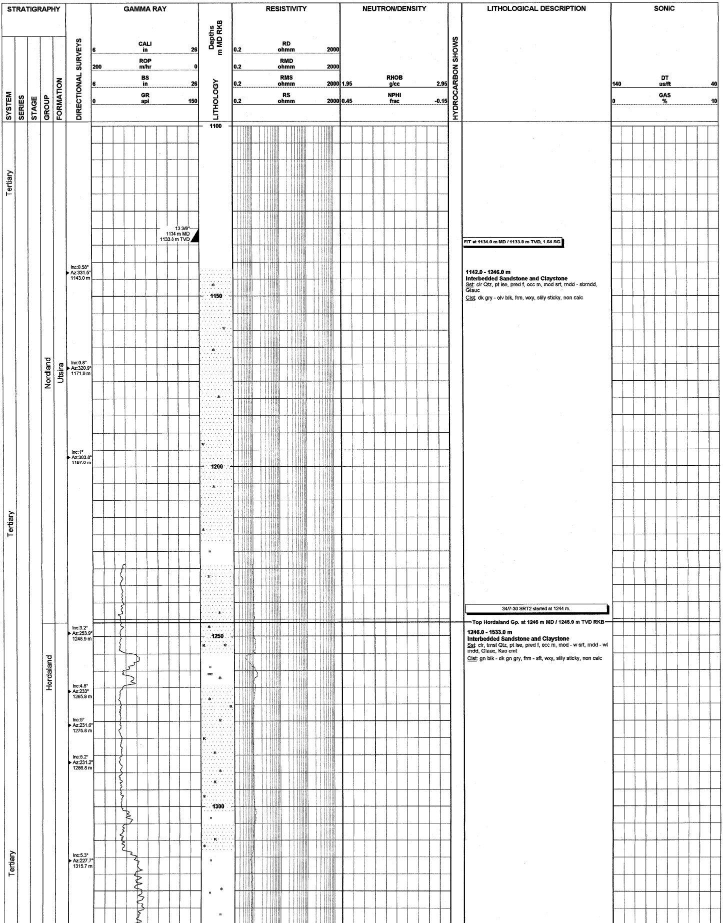
◢ Casing shoe
Liner hanger
Liner shoe
▶ Inc:(deg)° Az:(deg)° TVD m Deviation survey - MWD
▷ Inc:(deg)° Az:(deg)° TVD m Deviation survey - Other
1 Core interval
→ Sidewall core
→▷ (No recovery)

DST

② Open hole
2 Open hole (rerun)
Ⅱ Through casing
Ⅱ Through casing (rerun)
Perforation interval
←① RFT / MDT

SHOWS

Oil stain
Fluorescence
Visible cut
Fluorescence cut
☼ Gas shows



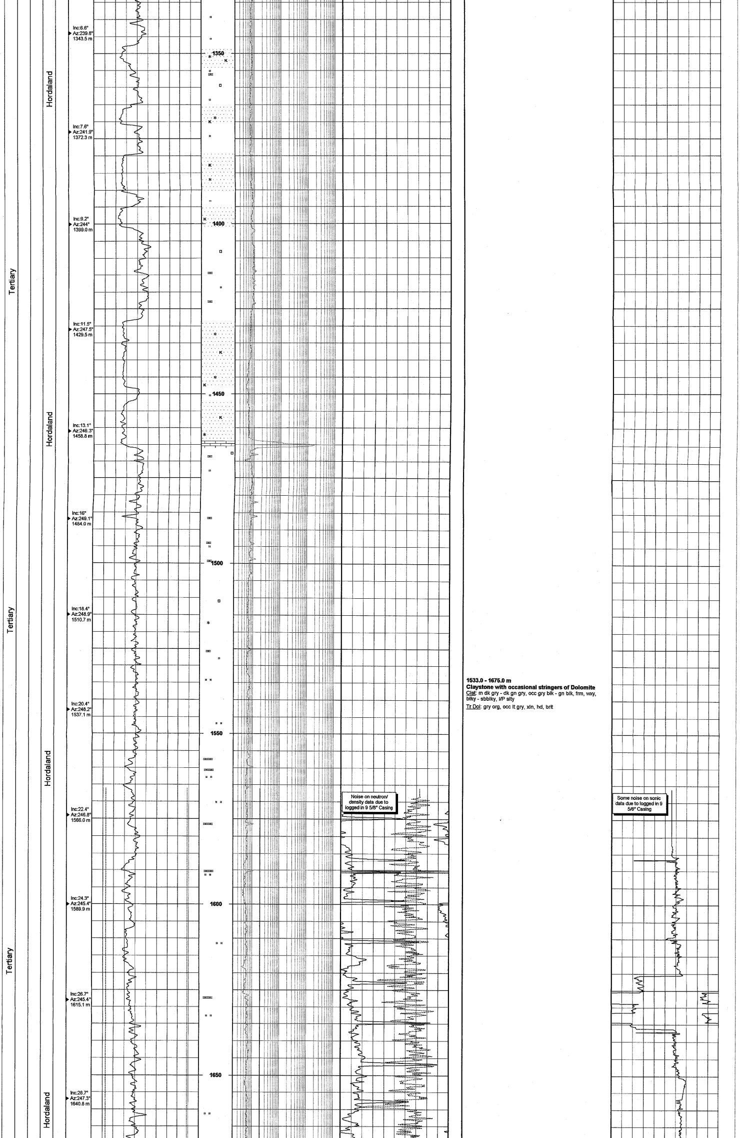
FIT at 1134.0 m MD / 1133.8 m TVD, 1.64 SG

1142.0 - 1246.0 m
Interbedded Sandstone and Claystone
Sst: clr Qtz, pt lse, pred f, occ m, mod srt, rndd - sbrndd, Glauc
Clst: dk gry - olv blk, frm, wxy, slily sticky, non calc

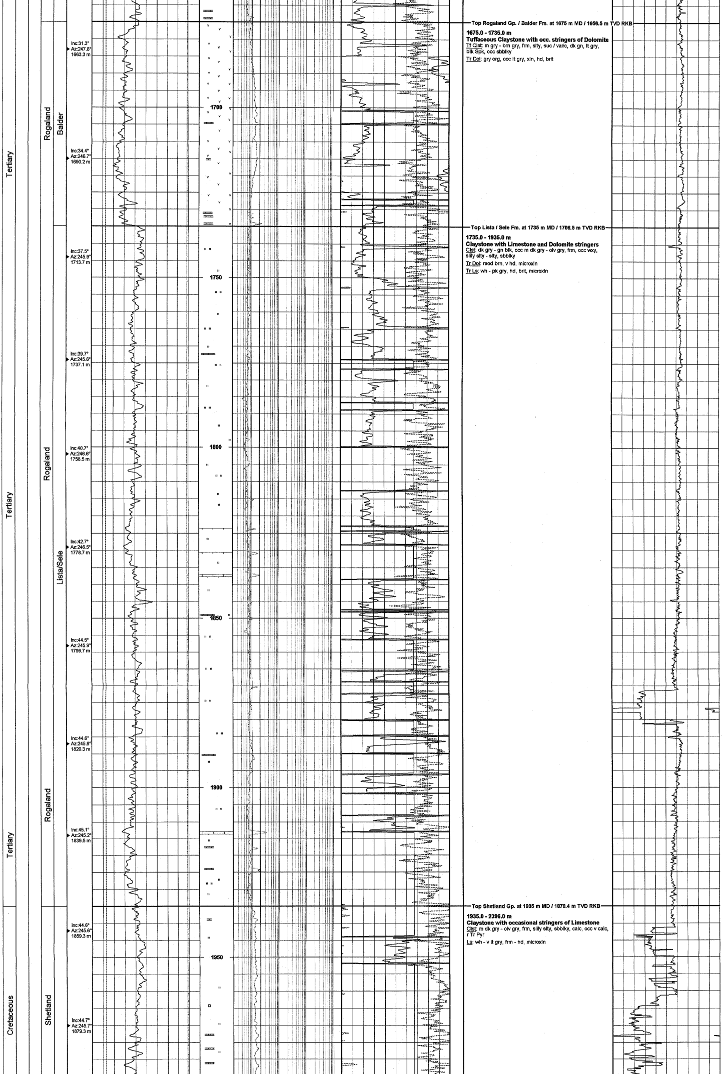
34/7-30 SRT2 started at 1244 m.

Top Hordaland Gp. at 1246 m MD / 1245.9 m TVD RKB

1246.0 - 1533.0 m
Interbedded Sandstone and Claystone
Sst: clr, trnsl Qtz, pt lse, pred f, occ m, mod - w srt, rndd - wl rndd, Glauc, Kao cmt
Clst: gn blk - dk gn gry, frm - sft, wxy, slily sticky, non calc



1533.0 - 1675.0 m
Claystone with occasional stringers of Dolomite
Clst: m dk gry - dk gn gry, occ gry blk - gn blk, frm, wxy, blky - sbblky, I/P slty
Tr Dol: gry org, occ lt gry, xln, hd, brit



Top Rogaland Gp. / Balder Fm. at 1675 m MD / 1656.5 m TVD RKB

1675.0 - 1735.0 m
Tuffaceous Claystone with occ. stringers of Dolomite

Tf Clst: m gry - brn gry, frm, slty, suc / varic, dk gn, lt gry, blk Spk, occ sbblky

Tr Dol: gry org, occ lt gry, xln, hd, brit

Top Lista / Sele Fm. at 1735 m MD / 1706.5 m TVD RKB

1735.0 - 1935.0 m
Claystone with Limestone and Dolomite stringers

Clst: dk gry - gn blk, occ m dk gry - olv gry, frm, occ wxy, slily slty - slty, sbblky

Tr Dol: mod brn, v hd, microxln

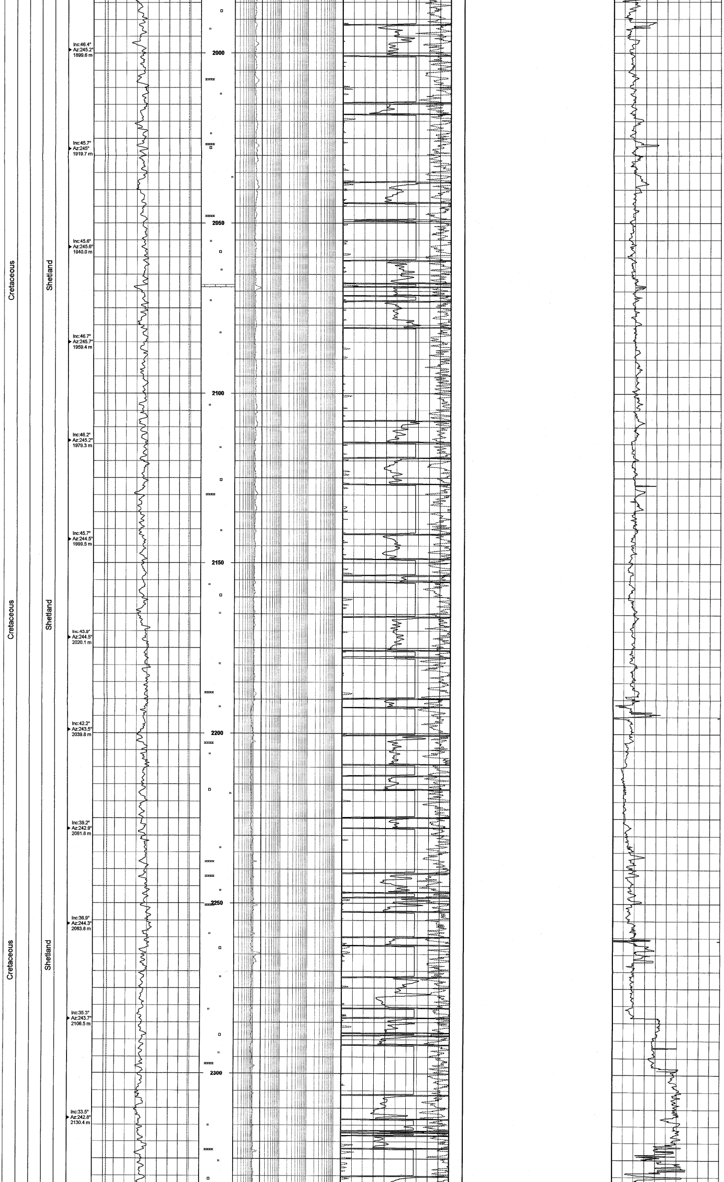
Tr Ls: wh - pk gry, hd, brit, microxln

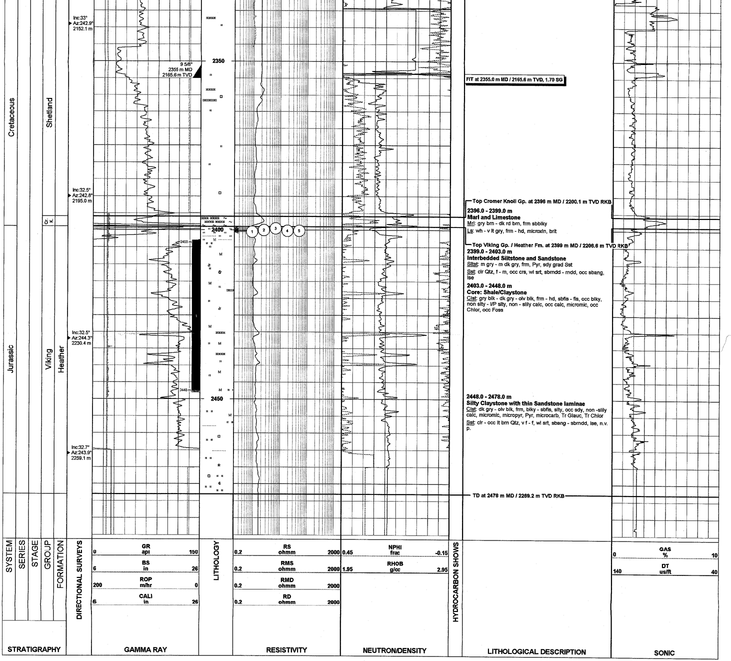
Top Shetland Gp. at 1935 m MD / 1879.4 m TVD RKB

1935.0 - 2396.0 m
Claystone with occasional stringers of Limestone

Clst: m dk gry - olv gry, frm, slily slty, sbblky, calc, occ v calc, r Tr Pyr

Ls: wh - v lt gry, frm - hd, microxln





FIT at 2355.0 m MD / 2165.6 m TVD, 1.70 SG

Top Cromer Knoll Gp. at 2396 m MD / 2200.1 m TVD RKB

2396.0 - 2399.0 m
Marl and Limestone
Mrl: gry brn - dk rd brn, frm sbblky
Ls: wh - v lt gry, frm - hd, microxln, brit

Top Viking Gp. / Heather Fm. at 2399 m MD / 2206.6 m TVD RKB

2399.0 - 2403.0 m
Interbedded Siltstone and Sandstone
Sltst: m gry - m dk gry, frm, Pyr, sdy grad Sst
Sst: clr Qtz, f - m, occ crs, wl srt, sbrndd - rndd, occ sbang, lse

2403.0 - 2448.0 m
Core: Shale/Claystone
Clst: gry blk - dk gry - olv blk, frm - hd, sbfis - fis, occ blky, non slty - I/P slty, non - slily calc, occ calc, micromic, occ Chlor, occ Foss

2448.0 - 2478.0 m
Silty Claystone with thin Sandstone laminae
Clst: dk gry - olv blk, frm, blky - sbfis, slty, occ sdy, non -slily calc, micromic, micropyr, Pyr, microcarb, Tr Glauc, Tr Chlor
Sst: clr - occ lt brn Qtz, v f - f, wl srt, sbang - sbrndd, lse, n.v. p.

TD at 2478 m MD / 2289.2 m TVD RKB