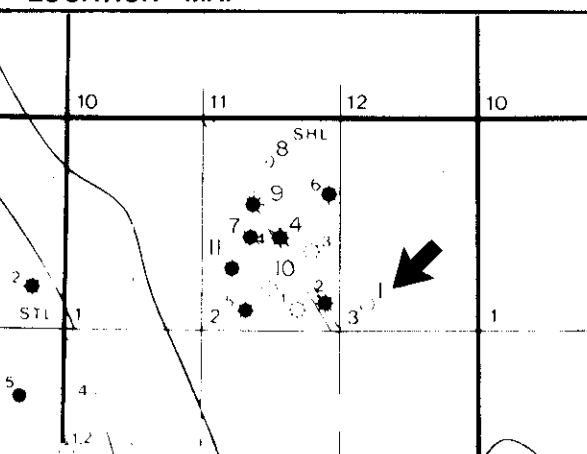


LOCATION MAP

COMPANY: STATOIL



WELL PROGNOSIS

**31/3-1
TROLL**

AUTHOR: PF DATE: 10.7.83
COORDINATES: 60°46'48.0"N 03°44'02.8"Ø
K.B.E.: 25 m COUNTRY: NORWAY
WATER DEPTH: 335 m AREA: NORTH SEA
TOTAL DEPTH: 2375 m SEISMIC LINE: ST 8116-138
MUD LOGGING: EXLOG SEISMIC SHOT POINT: 491

OBJECTIVE HORIZONS: PRIMARY OBJECTIVE IS SANDSTONE OF UPPER TO MIDDLE JURASSIC AGE
SECONDARY OBJECTIVES ARE SANDSTONES OF MIDDLE AND LOWER JURASSIC AND ALSO UPPER TRIASSIC AGE

CORES: ZONES WITH SIGNIFICANT HYDROCARBON SHOWS WILL BE FULLY CORED. IN ANY CASE A MINIMUM OF ONE CORE SHOULD BE CUT IN THE UPPER/MIDDLE JURASSIC SANDSTONE

FORMATION TESTS: IF NECESSARY

SIDEWALL CORES: OVER ZONES OF INTEREST

STRATIGRAPHY	CASING	ELECTRIC LOGS	DRILL DEPTH	LITHO LOGY	DESCRIPTION
			0		MEAN SEA LEVEL
			25 m		
			100		
			200		
			300		
			360 m		SEA BOTTOM
QUARTER-NARY			400		Cly: gry, plas, hygrotergid, sft, interbedded w/slt, sd and gravel. Glau, shell frgs, pyr and carb matter abund
			500		
OLIGOCENE			540 m		Sd: clr qtz, f-med, occ crs, mod srttd, rnd
			600		
			700		Clyst: gry, brn, sft, stky, occ slty, occ v calc
EOCENE			800		
			900		Clyst: gry, grn-blk, sft-mod hd, occ calc
PALEOCENE			1000		Tuff: slty, gry-brn-purple, mod hd
			1100		
CRET.			1200		Clyst: lt grn-lt brn, gry, non swelling, occ mrlly
			1300		Clyst/Mrl: lt gry
JURASSIC			1315 m		Lst: chky, wh-lt gry, glau
			1365 m		Mrl: rd-orng-brn, sft
			1380 m		Clyst/Sh: blk-dk brn, cryptofiss, bitum, mic
			1465 m		Sst: gry-brn, fn-crs, mod srt, ang-rnd, predom uncon, occ calc cmtd and hd
			1500		Sst: gry, fn-mod srt, v mic, occ arg
			1600		Sst: wh-gry, fn-med, mod srt, lse-fri, occ v mic
			1700		Sst: dk gry-brn, med-crs srttd, lse, occ calc cmtd and hd, occ arg, occ v mic
			1800		Clyst/Mrl: lt gry, slty
			1900		Coal: blk-dk brn, brit
			2000		Sst: wh-gry, lse-fri, fn-crs, pr srt, ang-subrtd, occ calc cmtd
TRIASSIC			2100		Clyst/Mrl: lt gry, occ v slty, occ calc cmtd bands, micromic
			2109 m		Coal: blk-dk brn, brit
			2145 m		Sst: gry-wh, med-crs, mod srt, occ arg and mrlly
			2200		Clyst/Mrl: rd-pnk, slty
			2300		Sst: wh-gry, med-fn, mod srt, occ cacl, arg cmtd
			2400		Clyst/Mrl: rd-brn, micromic
			2500		
			2600		
			2700		
			2800		
			2900		
			3000		
			3100		
			3200		
			3300		
			3400		
			3500		
			3600		
			3700		
			3800		
			3900		
			4000		

TD. Approx. 200m into Triassic, est. at 2375m

7" LINER at TD.

30" at 420m

20" at 850m

13 3/8" at 1285m

9 5/8" at 1820m