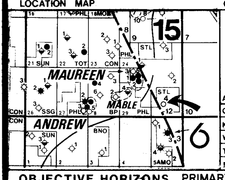
statoil
Den norske stats oljeselskap a.s

WELL PROGNOSIS SHEET

LOCATION MAP



COMPANY: STATOIL, ESSO

WELL PROGNOSIS

15/12-4

BETA STRUCTURE

AUTHOR: ØK., ORH — DATE: 4/7-84
COORDINATES: 58° 03' 08.5"N 01° 54' 13.8"E
K.B.E.: 23m — COUNTRY: NORWAY
WATER DEPTH: 87m — AREA: NORTH SEA
TOTAL DEPTH: MAX 3600m RKB — SEISMIC LINE: ST 8315-106
MUD LOGGING: EX-log — SEISMIC SHOT POINT: 2105

OBJECTIVE HORIZONS: PRIMARY PALEOCENE AND JURASSIC SANDSTONES.
SECONDARY: FRIGG SAND AND FRACTURED CRETACEOUS LIMESTONE.

CORES: MINIMUM ONE CORE IN PALEOCENE AND JURASSIC SANDSTONES. ADDITIONAL CORES WILL BE CUT AS LONG AS SIGNIFICANT HYDROCARBON-SHOWS ARE ENCOUNTERED.

STRATIGRAPHY	CASING	ELECTRIC LOGS	DRILL DEPTH	LITHOLOGY	DESCRIPTION
			meters		
			0		MEAN SEA LEVEL
			100		SEA BOTTOM
QUATERNARY / PLEISTOCENE — 110m	30" @ 175m		200		CLY/CLYST: lt gry, w/shell frags; SD: clr qtz, fn-v crs, lse
		RUN # 1 DIFL/ BHC-ACOUSTIC-GR-SP-CAL (GR to seafloor)	400		
	20" @ 500m		500		
PLIOCENE			600		
			700		
			800		
MIOC. — TOP 915m UTSIRA FM BASE 995m			900		SD: clr qtz, v fn-fn, lsc, mod srtd, abund foss frags
			1000		
			1100		
			1200		CLYST: lt-med gry, brnish gry, slty and sdy in parts, sl calc, mica, glauc
			1300		
TERTIARY / OLIGOCENE — TOP 1365m HORDALAND GR. (MID.OLIGOC. UNCONFORM.)			1400		
		RUN # 2 DIFL/BHC-ACOUSTIC-GR-SP-CAL CDL-GR-CAL (CNL*)	1500		
	13 3/8" @ 1600m		1600		
			1700		
			1800		CLYST: grnish gry, med gry, non calc
EOCENE — TOP 1890m EOCENE			1900		
			2000		
			2100		
			2200		
PALEOC. — TOP 2290m FRIGG FM; TOP 2340m BALDER FM			2300		SST: clr-mlky qtz, med-crs, occ v fn-fn, fri, non- sl calc; TUFF: gry-brn-purp, slty
			2400		
TOP 2485m HEIMDAL FM; TOP 2535m EKOFISK FM		RUN # 3 DIFL/BHC-ACOUSTIC-GR-SP-CAL CDL-GR-CAL (CNL*) DLL/MLL-GR* HR-DIP* COREGUN* FMT*	2500		SST: a/a; SLTST: dk brn, mica; LST: wh-lt gry, argil
CRETACEOUS / UPPER	9 5/8" @ 2720m	ACBL IN 13 3/8" CASING	2600		CHK: wh-lt buff, occ rd
TOP 2725m PLENUS MARL FM			2700		MRL: lt gry
LOWER — TOP 2815m DRAUPNE FM			2800		SH/CLYST: dk gry-dk brn, intb w/lst and dol str
JURASSIC — TOP 2870m HUGIN FM			2900		SH/CLYST: dk gry-blk, med gry, occ rd brn, carb, sl calc, occ slty, occ pyr; SST: a/a
TOP 2975m SMITH BANK FM			3000		SH: lt gry, lt grn, rd brn
3125m TD IF DRY			3100		SST: a/a
TRIASSIC		RUN # 4 DIFL/BHC-ACOUSTIC-GR-SP-CAL CDL/CNL-GR-CAL DLL/MLL-GR* HR-DIP COREGUN FMT* ACBL IN 9 5/8" 9 5/8" CSG VSP	3200		
			3300		
TOP 3360m ZECHSTEIN S. FM			3400		
PERMIAN			3500		SALT
3600m TD IF DISC. 50m into salt or max 3600m	7" @ TD	ACBL in 7" liner* *Optional	3600		
			3700		
			3800		