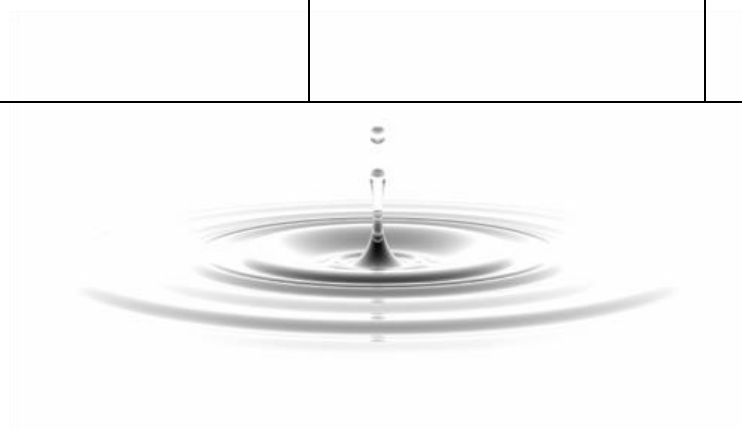




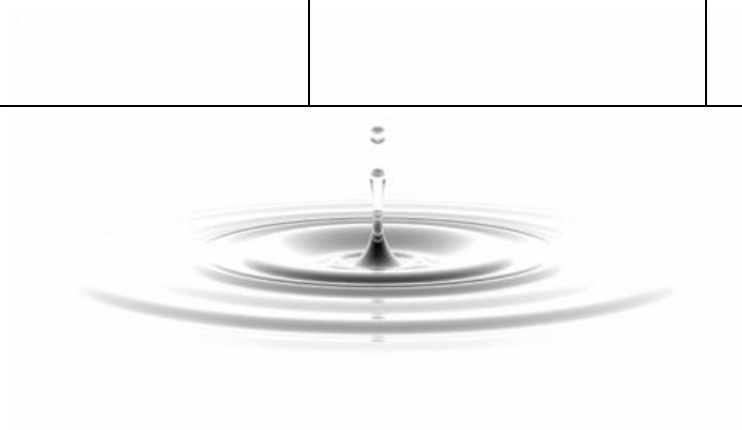
### Projects initiated within FORCE

Projects initiated within FORCE				
<b>Reservoir modelling</b>				
Development of a software module for modelling and scale-up of subseismic faults, phase 1	Geomatic, NR	Saga, Conoco, Hydro, Statoil, Mobil.	Problem Defining Workshop Faults/fractures Nov. 1995	920 KNOK
		<i>*Einar Sverdrup, Saga</i>		Finished 1.6.97
Role of facies, provenance, temperature and pressure in preservation of reservoir properties of deep discoveries	RF, University of Oslo	Hydro, Saga, Neste, Phillips, Amoco, Statoil	Problem Defining Workshop Mineral diagenesis Nov. 1995	4 160 KNOK,
		<i>*Mogens Ramm, Hydro</i>		27 months
				finish 30.6.99
A strain field correlation method for predicting subseismic faults in sedimentary strata	NR, University of Edinburgh	Statoil, Saga, BP	Problem Defining Workshop Faults/fractures Nov. 1995	1 000 KNOK,
		<i>*Chris Townsend, Statoil</i>		18 months
				started febr.1997
The influence of mineralogical parameters on petrophysical response	IKU	Saga, Statoil, Mobil, Esso	Problem Defining Workshop	2 500 KNOK,
		<i>*Kjetil Gran, Saga</i>		Mineral Diagenesis Nov. 1995
				2 years finish end 1998
Direct hydrocarbon detection using seismic	Geco-Prakla	Norske Conoco, Fina, Mobil, Neste, Saga, Amoco	Problem Defining Workshop	6 000KNOK
		<i>*Mundy Brink, Saga</i>		Seismic Attributes and Images
				2 years, started March 1997



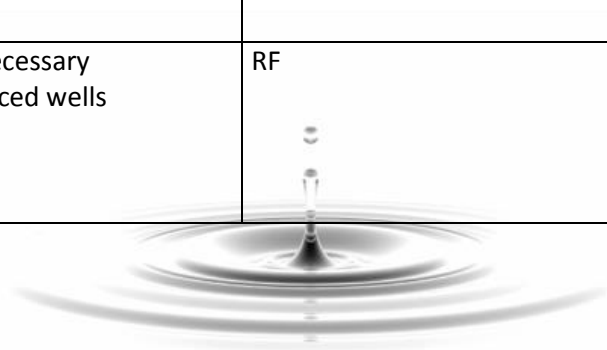


Reservoir modelling				
The Ainsa Deepwater channel complex Spanish pyrenees - an integrated outcrop study	University College of London	Norske Conoco, Statoil, Fina, Phillips, Elf, Mobil, Norsk Hydro, NPD (obs)	Problem Defining Workshop	3 000 KNOK
	Department of Geological Sciences	<i>*Gren Timbrell, Conoco</i>	Analogue Studies, May 1996	2 years started November 1997
Quantification of heterogeneities in tidal sandstone reservoirs and the impact on reservoir models	Imperial College	Statoil, BP, Conoco, Saga, Amoco, Neste, NPD(obs)	Problem Defining Workshop	3 000KNOK
		<i>*Lars Magnus Falt, Statoil</i>	Analogue Studies, May 1996	2 years, started November 1997
Quantification and model based calibration of changes in acquisition for repeat seismic survey	IKU and PGS	Statoil, Mobil, Phillips, Norsk Hydro, Saga, Elf	Problem Defining Workshop	2 500 KNOK
		<i>*Åge Kristensen, Statoil</i>	Seismic Monitoring, May 1996	18 months, started November 1997
Seismic Signatures of Pore Fluid Changes for Reservoir Monitoring	Colorado School of Mines and HARC (Houston Advanced Research Center)	Saga, Norsk Hydro, Esso, Statoil	Problem Defining Workshop	100.000 USD
		<i>*Ingrid Magnus, Saga</i>	Seismic Monitoring, May 1996	Start summer 1998, finish October 2000





Advanced Wells				
Stress Path project	Ormis			
Reservoir Operations with Advanced Wells	Rogaland Research September 2002	Running supported by Norsk Hydro and Statoil. (1.9.2003)		
How to intelligently dispose chemicals to delay water production -	Sintef /RF June 2002	Total and DNO are supporting a similar project with RF		
Identification of main reservoir opportunities for multilateral wells	AEA Technology	Statoil, Enterprise	Problem Defining Workshop	500 KNOK,
		<i>*Øystein Lund, Statoil</i>	Advanced Wells Nov. 1995	Finished, presented at the FORCE seminar 28.1.98
Injection/Production strategies with advanced wells and IOR processes	RF	Statoil, Enterprise	Problem Defining Workshop	650 KNOK
		<i>*Øystein Lund, Statoil</i>	Advanced Wells Nov. 1995	Finished, presented at the FORCE seminar 28.1.98
Implementation of a near well simulator option in OLGA	IFE, Scandpower	Norske Conoco, Saga	Problem Defining Workshop	500 KNOK
		<i>*Oddbjørn Melberg, Conoco</i>	Advanced Wells Nov. 1995	Finished, will probably be continued
Data interpretation and necessary instrumentation for advanced wells	RF	Norsk Hydro, Mobil , Norske Conoco <i>*Sigurd I. Ånonsen, Hydro</i>	Problem Defining Workshop Advanced Wells Nov. 1995	3 300 KNOK 2 years started 1.9.1997





Recovery Processes				
Restart oil production	JSI /Steinar Ekrann	NPD, Statoil	Problem Defining Workshop	900 KNOK
		<i>*Jan Bygdevoll</i>	Residual saturation after waterflooding, May 1996	18 months, started April 1997
Guidelines for choosing Compositional & Black-Oil Models for volatile Oil & Gas Condensate Reservoirs	Pera	Mobil, Elf, Norsk Hydro, Neste, Conoco, Statoil, NPD (observer)	Seminar on Gas Condensate Nov 1996	800 KNOK
		<i>*Ronald Maritvold, Mobil</i>		Started 1.7.98 Duration 1 year
Sedimentolog&Stratigraphy				
Norwegian Sea Research Consortium	Various Universities & Res. Institutes	Updated version		
Tidal research project	Contact: Ronald J Steel	Running (1.9.2003)		
Book Cliffs field symposium, May 4-8 2003 in Utah, Colorado The field symposium was organised as part of the Tidal Signatur Project sponsored by FORCE members. photos				

