Well no : 7120/ 5-01 Operator : STATOIL

Coordinates	: 71 34 51.86 N 20 26 12.26 E	UTM coord.	: 7942513 480135
Licence no	: 110	Permit no	: 461
Rig	: WEST VANGUARD	Rig type	: SEMI-SUB.
Contractor	: A/S SMEDVIK DRILLING CO.		
Bottom hole temperature	: 66 deg.C	Elev. KB	: 22 M
Spud. date	: 85.04.17	Water depth	: 318 M
Compl. date	: 85.06.06	Total depth	: 2700 M
Spud. class	: WILDCAT	Form. at TD	: TRIASSIC
Compl. class	: P&A. DRY HOLE	Prod. form	:
Seisloca	: TN 6583-346 SP. 495		

LICENSEES

5.000000	AMERADA HESS NORGE A/S
10.000000	NORSKE CONOCO A/S
20.000000	ELF AQUITAINE NORGE A/S
5.000000	NORSKE FINA A/S
10.000000	NORSK HYDRO PRODUKSJON A.S
50.000000	DEN NORSKE STATS OLJESELSKAP A.S

CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
CONDUCTOR	30	381.0	36	386.0	
SURF.COND.	20	850.0	26	865.0	1.55
INTERM.	13 3/8	1975.0	17 1/2	1988.0	1.47
OPEN HOLE			12 1/4	2700.0	

CONVENTIONAL CORES

Core no.	Intervals cored meters		Recovery M	Recovery %	Series
1	2286.0 -	2313.0	26.8	99.0	U/M/L JURASSIC
2	2313.0 -	2323.0	10.0	100.0	U/M/L JURASSIC
3	2323.0 -	2351.0	28.0	100.0	U/M/L JURASSIC
4	2351.0 -	2378.0	26.4	98.0	LOWER JURASSIC
5	2378.0 -	2398.0	20.0	100.0	LOWER JURASSIC
6	2398.0 -	2425.0	26.5	98.0	LOWER JURASSIC

MUD PROPERTIES

Depth below KB meter	Mud weigth g/cm3	Plastic viscosity mPa.s	Mud type
382.000	1.06	10.0	WATER BASED
865.000	1.07	6.0	WATER BASED
885.000	1.05	8.0	WATER BASED
1082.000	1.08	13.0	WATER BASED
1299.000	1.10	12.0	WATER BASED
1440.000	1.11	11.0	WATER BASED
1637.000	1.17	12.0	WATER BASED
1666.000	1.22	12.0	WATER BASED
2089.000	1.15	11.0	WATER BASED
2286.000	1.24	11.0	WATER BASED

DRILL STEM TEST

NO DST's WERE PERFORMED IN THIS WELL

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
Cutting	386 - 2700	300
Wet Samples	380 - 2696	480

SHALLOW GAS

Interval below KB	REMARKS
	NONE

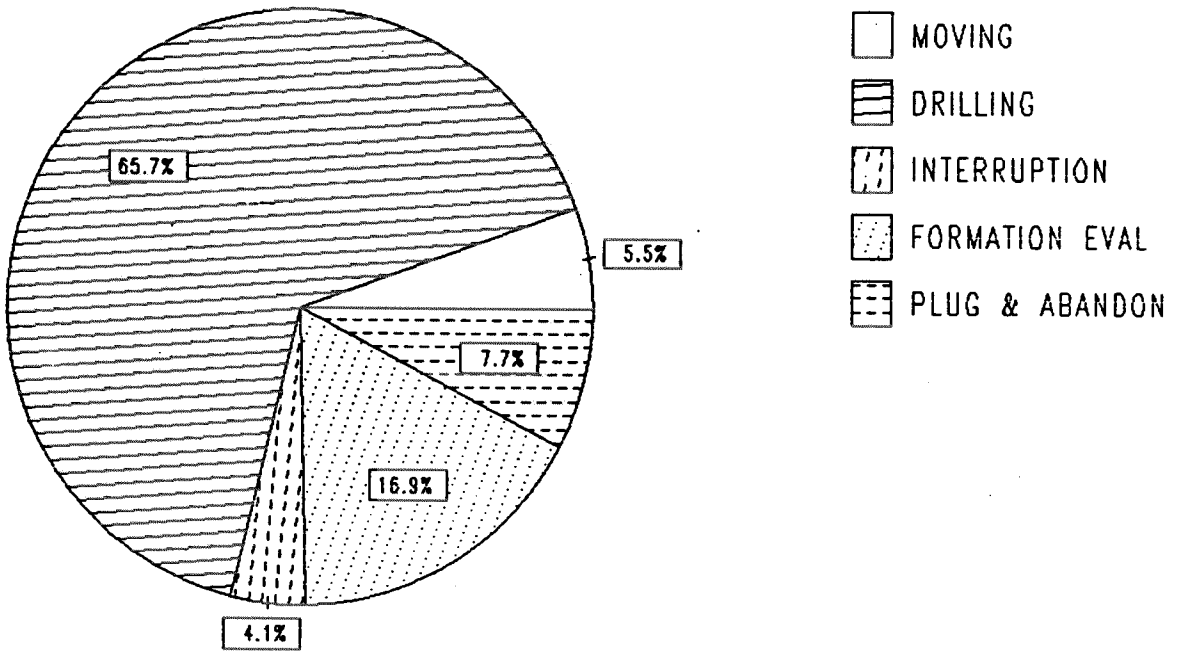
AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500
ISF BHC MSFL GR	381 - 862	X	X
ISF BHC MSFL	850 - 1983	X	X
ISF BHC MSFL	1975 - 2420	X	X
ISF BHC MSFL	2420 - 2700	X	X
LDL CNL	381 - 863	X	X
LDL CNL	850 - 1979	X	X
LDL CNL NGS	1975 - 2700	X	X
DLL SP	2274 - 2695	X	X
CDM AP/SHDT	850 - 1969	X	X
CDM AP/SHDT	1675 - 2702	X	X
CDM AP/SHDT	2505 - 2702	1:50	
NGS	1975 - 2701	X	X
RFT HP	2286 - 2670	X	
RFT HP	2286 - 2416	X	
RFT STRAIN GAUGE	2286 - 2670	X	
RFT STRAIN GAUGE	2286 - 2416	X	
CBL VDL	340 - 1975	X	
MUD	385 - 2700		X
VELOCITY	385 - 2697		X

(+ Synthetic Seismogram, Geogram, 10 cm/s, 8 stk)
(+ V.S.P., zero offset vsp, 8 stk)

DAILY DRILLING REPORT SYSTEM

Main operation : 7120/05-01



Total : *1248 HRS*

Main operation	*Minutes*	*Hours*	*% of total*
MOVING	*4110*	*68.50*	*5.49*
DRILLING	*49230*	*820.50*	*65.75*
INTERRUPTION	*3090*	*51.50*	*4.13*
FORMATION EVAL	*12690*	*211.50*	*16.95*
PLUG & ABANDON	*5760*	*96.00*	*7.69*

MAIN OPERATIONS WELL : 7120/05-01

MAIN OPERATION: DRILLING

Sub operations	Min	Hrs	% of total
OTHER	510	8.50	1.04
DRILL	19140	319.00	38.88
SURVEY	540	9.00	1.10
TRIP	12270	204.50	24.92
HOLE OPEN	510	8.50	1.04
CIRC/COND	2940	49.00	5.97
CASING	5220	87.00	10.60
BOP/WELLHEAD EQ	3240	54.00	6.58
UNDERREAM	2970	49.50	6.03
REAM	1440	24.00	2.93
BOP ACTIVITIES	450	7.50	0.91
TOTAL	49230	820.50	

MAIN OPERATION: MOVING

Sub operations	Min	Hrs	% of total
TRANSIT	480	8.00	11.68
ANCHOR	3630	60.50	88.32
TOTAL	4110	68.50	

MAIN OPERATION: FORMATION EVAL

Sub operations	Min	Hrs	% of total
LOG	4710	78.50	37.12
OTHER	90	1.50	0.71
CIRC SAMPLES	270	4.50	2.13
CORE	4320	72.00	34.04
TRIP	2160	36.00	17.02
CIRC/COND	300	5.00	2.36
RFT/FIT	840	14.00	6.62
TOTAL	12690	211.50	

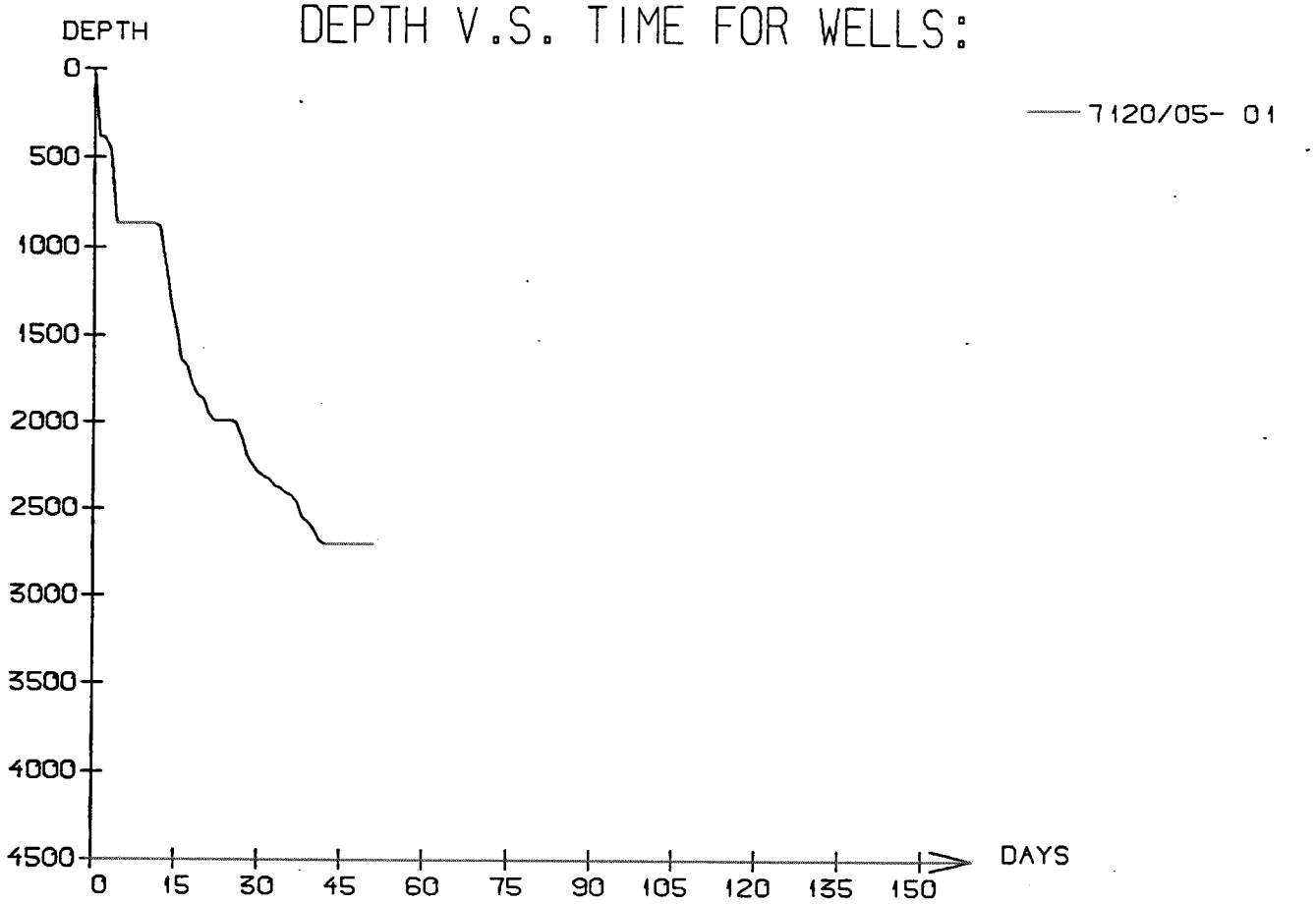
MAIN OPERATION: INTERRUPTION

Sub operations	Min	Hrs	% of total
OTHER	1200	20.00	38.83
MAINTAIN/REP	1890	31.50	61.17
TOTAL	3090	51.50	

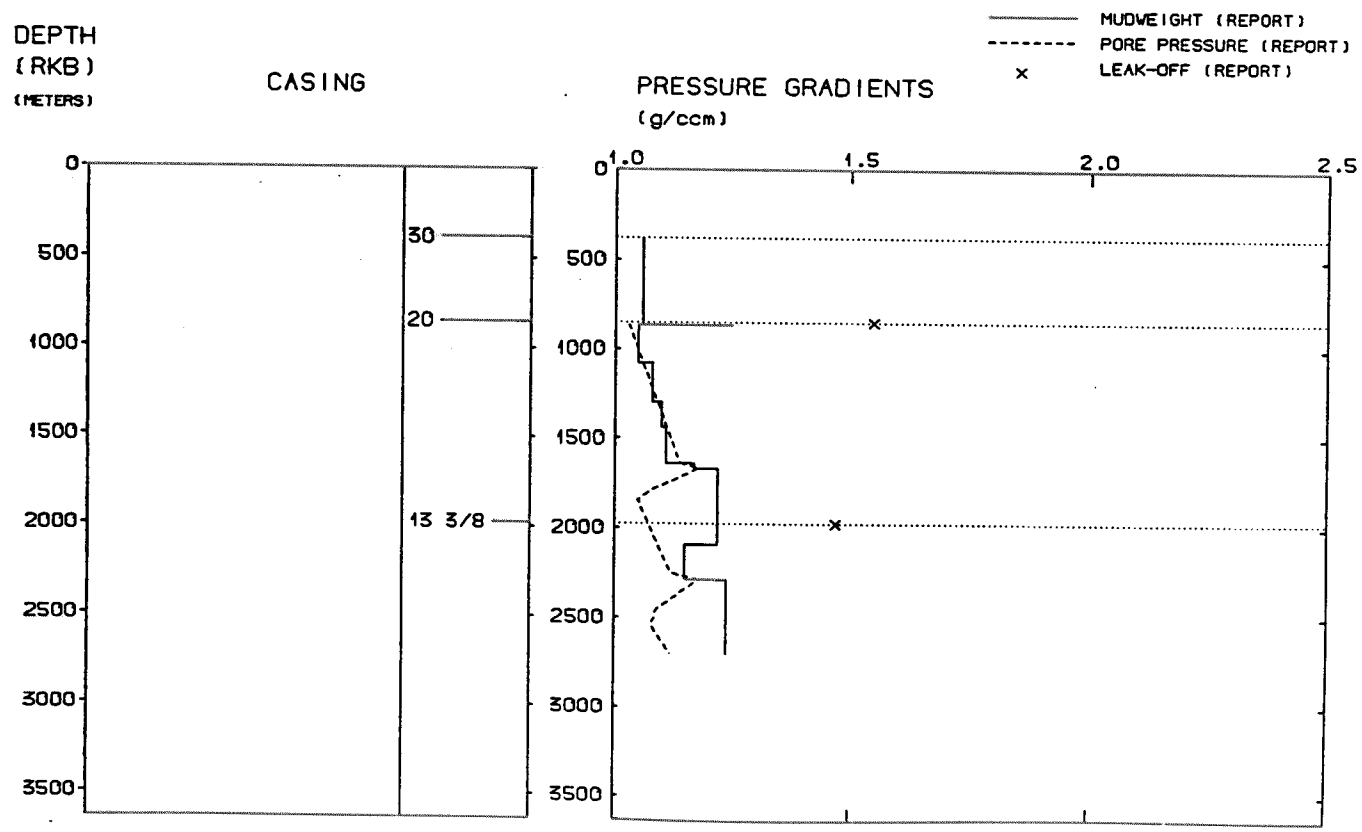
MAIN OPERATION: PLUG & ABADNON

Sub operations	Min	Hrs	% of total
TRIP	2580	43.00	44.79
CIRC/COND	570	9.50	9.90
CEMENT PLUG	750	12.50	13.02
MECHANICAL PLUG	360	6.00	6.25
PERFORATE	270	4.50	4.69
EQUIP RECOVERY	1050	17.50	18.23
CUT	60	1.00	1.04
OTHER	120	2.00	2.08
TOTAL	5760	96.00	

DEPTH V.S. TIME FOR WELLS:



WELL: 712005 01 PRESSURE COMPOSITE PLOT



Well History 7120/ 5-1.

General:

The wildcat well 7120/5-1 was drilled west of the Snøhvit Field on a separat structure, the Alpha structure in the Hammerfest Basin. The main objective of the well, was to test possible hydrocarbon accumulations in the Alpha structure of Middle to Lower Jurassic age. A secondary objective was to drill into rocks of Upper Triassic age at a projected depth of 3047 m.

Operations:

Well 7120/5-1 was spudded by Smedvigs semi-submer sibel rig West Vanguard 17 April 1985, and completed 6 June 1985. While drilling through a fault at a depth of 954 m, significant high background gas with heavy components was encountered. Drilling went on without any serious problems.

The lithology comprise clay with scattered Lime-, Dolomite- and Siltstone layers. The Stø Formation was encountered at 2285 m represented by clayey sands, while the clean part of that formation came in at 2341 m. Nordmela Formation was found at 2428 m, and top of Triassic rocks, Ytterøy Formation, came in at 2662 m. Both Stø- and Nordmela Formation was waterbearing. In a sandy zone between 2405-2420 m high resistivity values were encountered, but RFT tests and pressure measurements provided negative results. Top reservoir was encountered at 2283.5 m.

5 cores was taken in the interval 2286- 2397 m, with some hydrocarbon shows from residuals.

Plugged and abandoned as dry well.

Testing:

No DST tests were performed.

GEOLOGICAL TOPS

WELL: 7120-5-1

	Depth m (RKB)
Nordland Group	*318*
Sotbakken Group	*410*
Torsk Fm.	*410*
Nygrunnen Group	*1193*
Kveite/Kvitting Fm.	*1193*
Nordvestbanken Group	*1220*
Kolmule Fm.	*1220*
Kolje Fm.	*1805*
Knurr Fm.	*2207*
Teisten Group	*2248*
Hekkingen Fm	*2248*
Fuglen Fm	*2271*
Realgrunnen Group	*2285*
Stø Fm.	*2285*
Nordmela Fm.	*2427*
Tubåen Fm.	*2515*
Fruholmen Fm.	*2648*
T.D.	*2700*