Well no : 7120/ 7-03   **Operator :** STATOIL

Coordinates	: 71 27 43.31 N		UTM coord.	: 7929340 N
	20 10 46.44 E		UTM zone 34	470886 E
Licence no	: 077		Permit no	: 408
Rig	: WEST VANGUARD		Rig type	: SEMI-SUB.
Contractor	: A/S SMEDVIK DRILLING CO.			
Bottom hole temperature	: 97 deg.C		Elev. KB	: 22 M
Spud date	: 84.03.18		Water depth	: 258 M
Compl. date	: 84.06.09		Total depth	: 3062 M
Spud class.	: WILDCAT		Age at TD	: JURASSIC
Compl. class.	: P&A. DRY HOLE			
Seis. loc.	: 8106 - 342 SP. 164			

LICENSEES

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15.000   NORSK HYDRO PRODUKSJON A.S
10.000   PHILLIPS PETROLEUM CO NORWAY
 5.000   SAGA PETROLEUM A.S.
50.000   DEN NORSKE STATS OLJESELSKAP A.S
10.000   TEXACO EXPLORATION NORWAY A/S
10.000   TOTAL MARINE NORSK A/S
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CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
CONDUCTOR	30	331.5	36	331.5	
SURF.COND.	20	700.0	26	715.0	1.56
INTERM.	13 3/8	1700.0	17 1/2	1720.0	1.79
INTERM.	9 5/8	2605.0	12 1/4	2625.0	1.59
OPEN HOLE			8 1/2	3062.0	

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery M	%	Series
1	2867.0 - 2885.0	17.9	99.4	UPPER JURASSIC
2	2885.0 - 2899.0	13.5	96.4	U/M JURASSIC
3	2899.0 - 2910.0	10.5	95.5	MIDDLE JURASSIC

MUD PROPERTIES

Depth below KB meter	Mud weigth g/cm3	Plastic viscosity mPa.s	Mud type
365.0	1.05	8.0	WATER BASED
450.0	1.06		WATER BASED
550.0	1.08		WATER BASED
725.0	1.10	8.0	WATER BASED
950.0	1.14	16.0	WATER BASED
1025.0	1.15	12.0	WATER BASED
1230.0	1.21	17.0	WATER BASED
1600.0	1.20	16.0	WATER BASED
1730.0	1.30	15.0	WATER BASED
1930.0	1.48	13.0	WATER BASED
2145.0	1.30	12.0	WATER BASED
2225.0	1.40	13.0	WATER BASED
2635.0	1.20	17.0	WATER BASED
2815.0	1.25	18.0	WATER BASED
2855.0	1.35	21.0	WATER BASED
2910.0	1.38	21.0	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
CUTTINGS	340 - 3061	330
WET SAMPLES	332 - 3058	440

SHALLOW GAS

INTERVAL BELOW KB	REMARKS
	NONE

AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500
ISF BHC GR	332 - 714	X	X
ISF BHC	700 - 1718	X	X
ISF BHC	1699 - 2621	X	X
ISF BHC MSFL	2606 - 3060	X	X
LDL CNL	332 - 715	X	X
LDL	700 - 1719	X	X
LDL CNL	1699 - 2621	X	X
LDL CNL SGR	2606 - 3060	X	X
CDM	700 - 1712	X	
CDM AP	701 - 1709	X	X
SHDT	1699 - 2623	X	
SHDT	2606 - 3059	X	
CYBERDIP	2000 - 2300		X
NGS	2606 - 3050	X	X
RFT	2887 - 2998	1:100	
CBL VDL	281 - 700	X	
CBL VDL	550 - 1698	X	
CBL VDL	1350 - 2605	X	
MUD	331 - 3060		X
VELOCITY	332 - 3060		X

(+ Synthetic Seismogram, Marine, 10 cm/s,   1 stk)
(+ Two-way travel time, 10 cm/s,   1 stk)
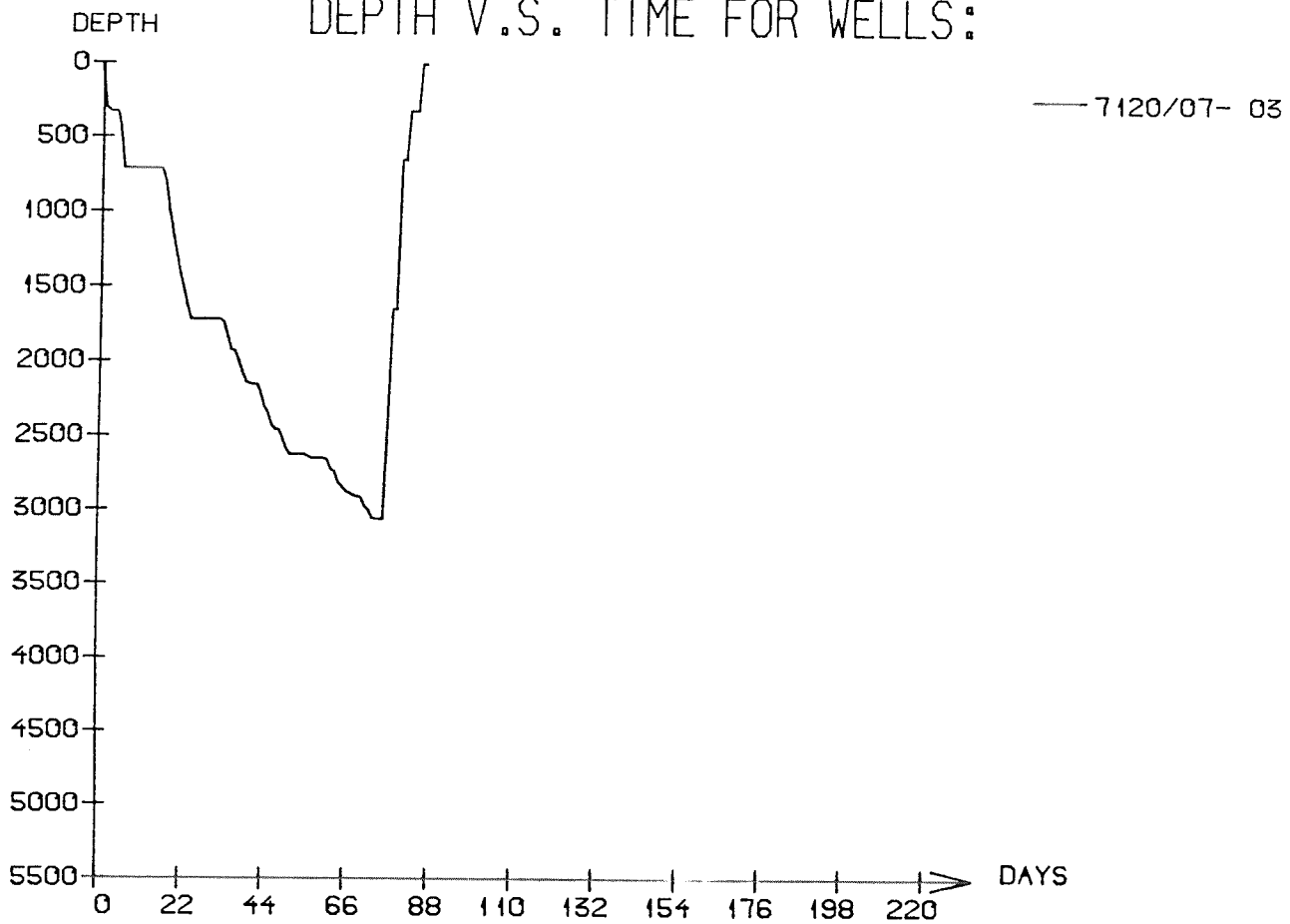
DAILY DRILLING REPORT SYSTEM

Main operation : 7120/07-03
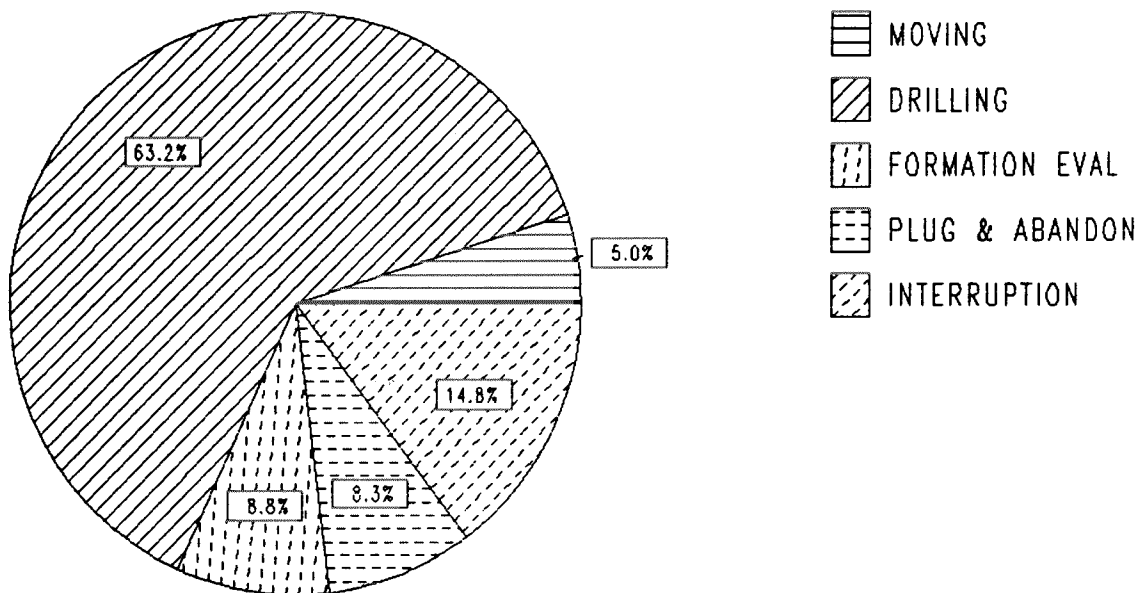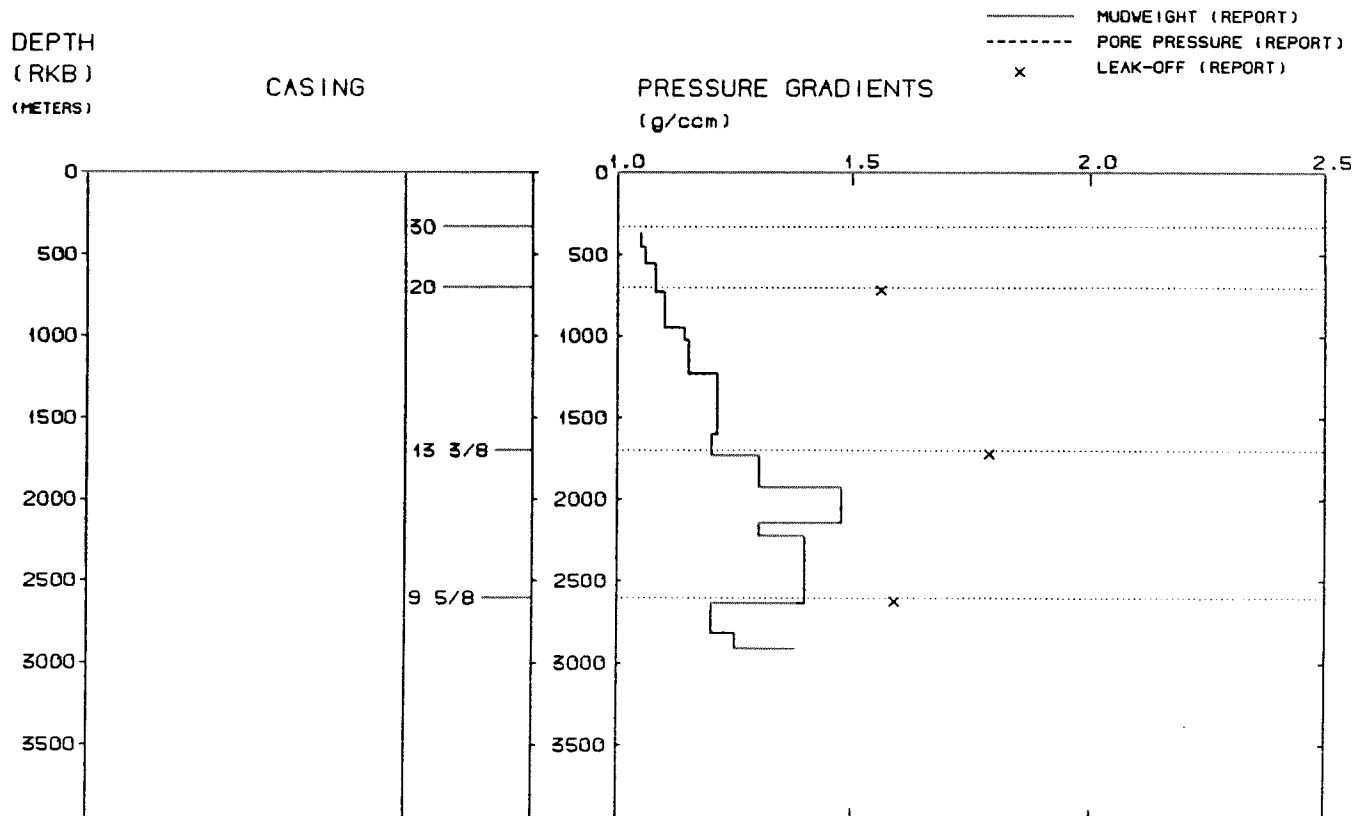

Total :   2103,00 HRS

Main operation	Hours	% of total
MOVING	105,50	5,02
DRILLING	1327,50	63,12
FORMATION EVAL	184,00	8,75
PLUG & ABANDON	174,50	8,30
INTERRUPTION	311,50	14,81

DEPTH V.S. TIME FOR WELLS:

DEPTH

——— 7120/07- 03

DAYS

WELL: 712007 03   PRESSURE COMPOSITE PLOT

DEPTH
(RKB)
(METERS)

CASING

PRESSURE GRADIENTS
(g/ccm)

——————— MUDWEIGHT (REPORT)
-------- PORE PRESSURE (REPORT)
×   LEAK-OFF (REPORT)

30
20
13 3/8
9 5/8

WELL HISTORY - 7120/7-3

GENERAL:

The primary objective of the wildcat 7120/7-3 was to test possible hydrocarbon accumulations in sandstones of Middle to Lower Jurassic age. No hydrocarbon accumulations were encountered by this well.

OPERATIONS:

The well was spudded 18.03.84 by the semi-submersible rig West Vanguard. Three cores were cut from the Upper into the Middle Jurassic.
The 36" hole had to be reamed before setting of the 30" casing. During cementing of 20" casing returns were lost. Technical problems occured when testing the BOP stack before drilling out of the 20" casing shoe, and after the 13 3/8" casing job. Mud problems occured when drilling out of the 20" casing shoe due to cement contamination. Because of tilted wellhead two attempts to run in the casing was needed. When running in a 8 1/2" bit to perform leak off test below the 9 5/8" casing shoe, problems occured getting the bit through wearbushing in wellhead. After this 4 kg junk was recovered from the hole.
The well was drilled using water based mud.

TESTING:

The well was not tested.

GEOLOGICAL TOPS

WELL: 7120/ 7-03

	Depth m (RKB)
Nordland Group	331.000
Sotbakken Group	381.000
Torsk Fm	381.000
Nygrunnen Group	1350.000
Kveite Fm	1350.000
Nordvestbanken Group	1499.000
Kolmule Fm	1499.000
Kolje Fm	2089.000
Knurr Fm	2679.000
Teistengrunnen Group	2754.000
Hekkingen Fm	2754.000
Fuglen Fm	2863.000
Realgrunnen Group	2889.000
TD =	3062.000