

Well no : 7120/ 8-03

Operator : STATOIL

Coordinates	: 71 27 48.77 N 20 36 09.47 E	UTM coord.	: 7929358 N 485899 E
Licence no	: 064	Permit no	: 368
Rig	: WEST VANGUARD	Rig type	: SEMI-SUB.
Contractor	: A/S SMEDVIK DRILLING CO.		
Bottom hole temperature	: 58 deg.C	Elev. KB	: 22 M
Spud. date	: 83.04.07	Water depth	: 280 M
Compl. date	: 83.05.24	Total depth	: 2333 M
Spud. class	: APPRAISAL	Form. at TD	: L.JURASSIC
Compl. class	: P&A. DRY HOLE	Prod. form	:
Seisloca	: 513 - 138 SP 590		

## LICENSEES

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5,000 ELF AQUITAINE NORGE A/S  
 25,000 ESSO NORGE A.S  
 15,000 NORSK HYDRO PRODUKSJON A.S  
 5,000 PHILLIPS PETROLEUM CO NORWAY  
 50,000 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/cm <sup>3</sup>
CONDUCTOR	30	366,0	36	366,0	
SURF.COND.	20	671,0	26	686,0	1,67
INTERM.	13 3/8	1500,0	17 1/2	1515,0	1,65
OPEN HOLE			12 1/4	2335,0	

## CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery M	%	Series
1	2198.0 - 2216.0	18.0	100.0	M/L. JURASSIC
2	2216.0 - 2234.8	18.8	100.0	M/L. JURASSIC

DRILL STEM TEST									
TEST NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY					PRESS. (psi)	
			OIL Sm <sup>3</sup> /d	GAS M Sm <sup>3</sup> /d	OIL GRAV. g/cm <sup>3</sup>	GAS GRAV. rel.air	GOR m <sup>3</sup> /m <sup>3</sup>	FSIP	WHP
	NONE								

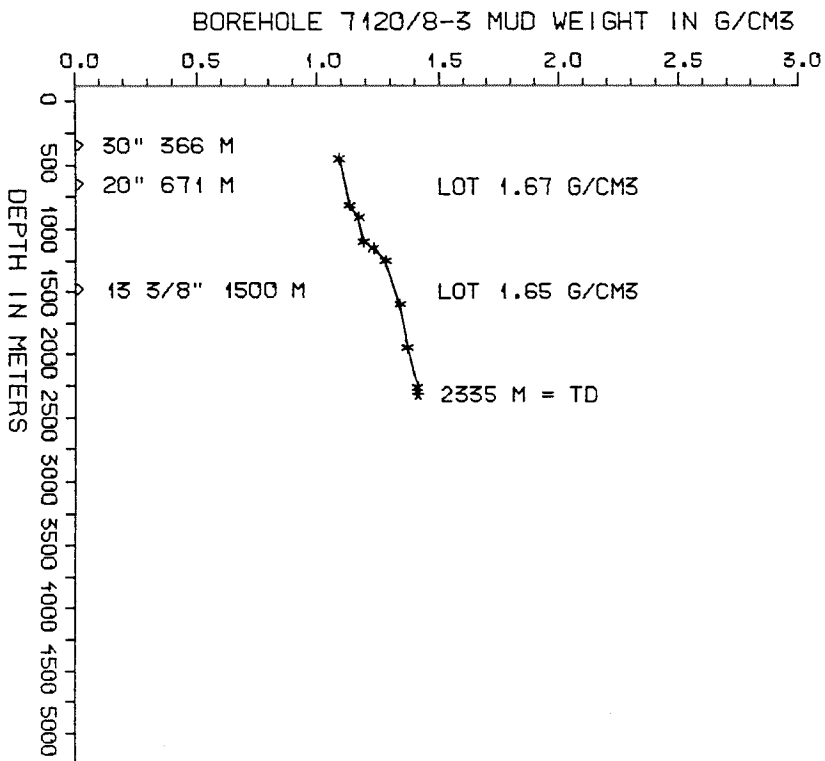
AVAILABLE LOGS			
LOG TYPE	INTERVALS	1/200	1/500
ISF BHC GR	365 - 682	X	X
ISF BHC	671 - 1511	X	X
ISF BHC MSFL	1498 - 2229	X	X
ISF BHC MSFL	2270 - 2333	X	X
LDL	365 - 683	X	X
LDL	671 - 1513	X	X
LDL CNL	1498 - 2334	X	X
CDM	671 - 1070	X	
CDM	1498 - 2334	X	
CDM AP	674 - 1070	X	X
CDM AP	1501 - 2334	X	X
RFT	2194 - 2305	X	
CBL VDL	305 - 1497	X	
PLUG AND ABANDON	1300 - 1300	X	
CST	1517 - 2330	X	
MUD	370 - 2335		X
VELOCITY (S.C.L.)	365 - 2335		X

(Geogram Synthetic Seismogram, 10 cm/s, zero/min. phase, normal/reverse polarity, 4 stk)  
(VSP, 370-2330 m, 1 stk)  
(Time Indexed Playback, 365-2330 m, 1 stk)

MUD PROPERTIES			
DEPTH BELOW KB m	WEIGHT g/cm <sup>3</sup>	FUNNEL VISC. sec	FILTRATE LOSS cm <sup>3</sup>
375	1.06		
735	1.10		
835	1.14		
1025	1.16		
1075	1.20		
1180	1.25		
1520	1.31		
1865	1.34		
2180	1.38		
2335	1.38		

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	370 - 2286	320
WET SAMPLES	370 - 2331	280

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE



## WELL HISTORY - 7120/8-3

### GENERAL:

The purpose of appraisal well 7120/8-3 was to test the extension of the Askeladden North structure in the north-east direction. The Jurassic reservoir interval was found to be below the gas/water contact known from well 7120/8-1 (see WDSS vol.12), and thus water bearing.

### OPERATIONS:

The well was spudded 07.04.83 by the semi-submersible rig West Vanguard. Two cores were cut in the Middle to Lower Jurassic sequence. No major problems occurred during drilling. The well was drilled using waterbased mud.

### TESTING:

The well was not tested.

GEOLOGICAL TOPS  
WELL 7120/8-3

	Depth m (RKB)
Nordland Group	302,0
Sotbakken Group	370,0
Nygrunnen Group	1070,0
Nordvestbanken Group	1190,0
Teistengrunnen Group	2105,0
Hekkingen Fm	2105,0
Fuglen Fm	2187,0
Realgrunnen Group	2190,0
Stø Fm	2190,0
Nordmela Fm	2278,0
TD =	2333,0