

WDSS Report

Date: 13/03/98

PB/SKR

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Well no:	Operator:
7122/04-01	ESSO

Well

Coordinates :	71° 44' 50.47" N 22° 05' 06.39" E	UTM coord. :	7961309.5 N 537933.23 E
License no :	178	Permit no :	706
Rig :	ARCADE FRONTIER	Rig type :	SEMI-SUB.
Contractor :	ROSS OFFSHORE A/S		
Bottom hole temp:	102 °C	Elev. KB :	25 M
Spud. date :	91.11.13	Water depth :	343 M
Compl. date :	92.01.13	Total depth :	3015 M
Spud. class :	WILDCAT	Form. at TD :	TRIASSIC
Compl. class :	P&A. GAS SHOWS	Prod.form. :	
Seisloca :	GFW 3 - 117 SP 1113		

Licensees

20.000000 NORSK HYDRO PRODUKSJON AS
50.000000 DEN NORSKE STATS OLJESELSKAP A.S
30.000000 ESSO EXPL. & PROD. NORWAY 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	403.7	36	405.0	
INTERM.	13 3/8	804.0	17 1/2	806.0	1.64
INTERM.	9 5/8	1985.6	12 1/4	1986.0	

Conventional Cores

Core no.	Intervals cored meters	Recovery m	%
1	2333.0 - 2339.0	6.0	100.0
2	2339.0 - 2357.0	18.0	100.0
3	2357.0 - 2382.0	25.0	100.0
4	2382.0 - 2410.0	28.0	100.0

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Mud

Depth	Mud weight	Visc.	Mud type
1676.0	1.32	22.0	WATER BASED
1678.0	1.26	18.0	WATER BASED
1886.0	1.33	20.0	WATER BASED
1966.0	1.33	22.0	WATER BASED
2015.0	1.35	20.0	WATER BASED
2073.0	1.31	19.0	WATER BASED
2075.0	1.30	20.0	WATER BASED
2116.0	1.30	21.0	WATER BASED
2185.0	1.30	21.0	WATER BASED
2327.0	1.30	22.0	WATER BASED
2341.5	1.30	20.0	WATER BASED
2345.0	1.30	21.0	WATER BASED
2372.0	1.30	20.0	WATER BASED
2382.0	1.30	20.0	WATER BASED
2410.0	1.30	21.0	WATER BASED
2450.0	1.30	21.0	WATER BASED
2508.0	1.30	19.0	WATER BASED
2579.0	1.30	19.0	WATER BASED
2648.0	1.30	20.0	WATER BASED
3000.0	1.26	22.0	WATER BASED
3015.0	1.35	19.0	WATER BASED

Drill Stem Test (intervals and pressures)

Test no.	Test interval meter	Choke size	Pressure (psi) WHP	BTHP	FFP

Drill Stem Test (recovery)

Test no.	Oil Sm3/d	Gas Sm3/d	Oil grav. g/cm3	Gas grav. rel. air	GOR m3/m3

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Drill Bit Cuttings and Wet Samples

Sample type	Interval below KB	Number of samples
WET SAMPLES	820 - 3015	180

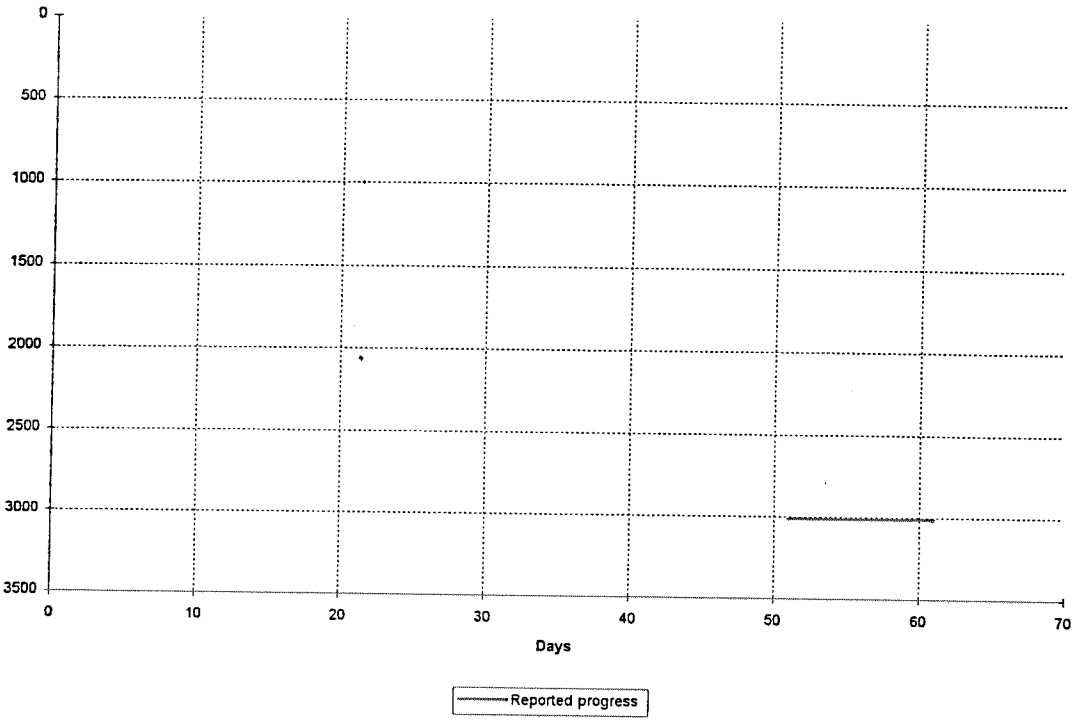
Shallow Gas

Interval below KB	Remarks

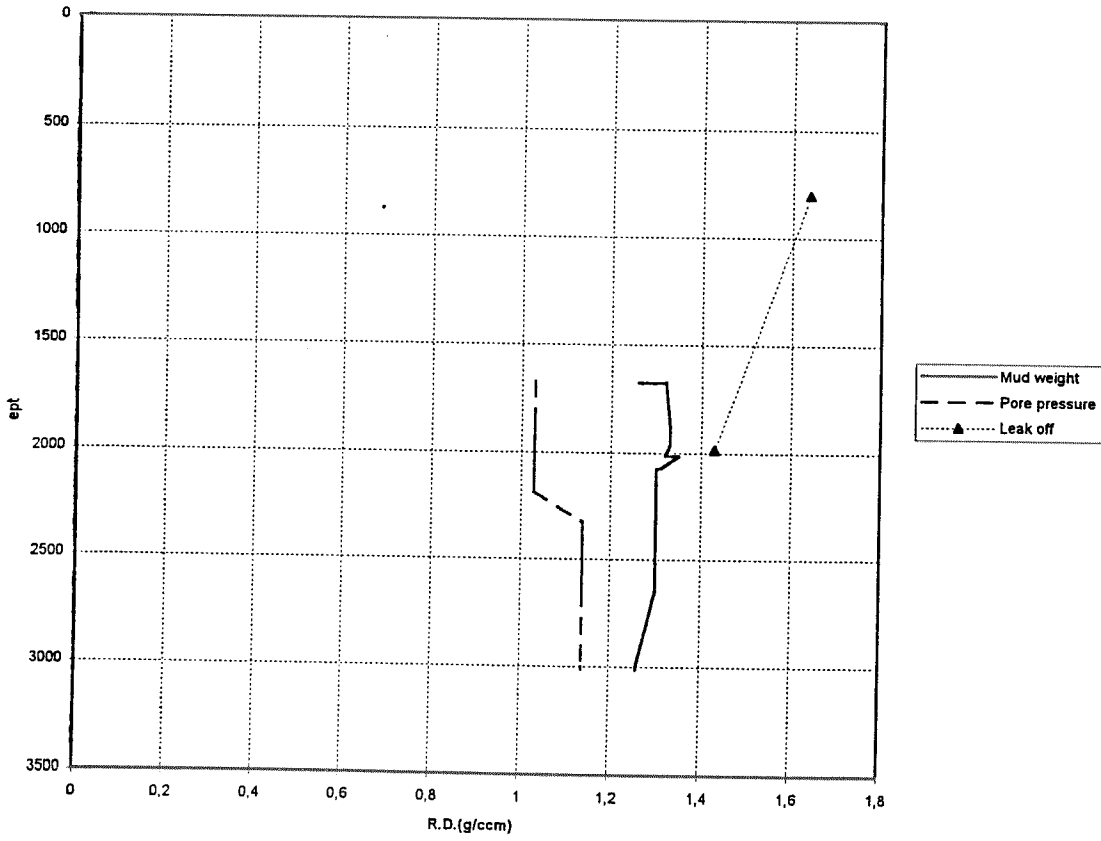
Available Logs

Log type	Intervals logged	1/200	1/500	
CBL VDL GR	1550.0 - 1983.0			
CDM AP	1983.0 - 3012.0			
COMPUTED DIPLOG	1983.0 - 3013.0			
CORGUN	850.0 - 3012.0			
DATA PRESSURE LOG	800.0 - 3015.0			
DIFL BHC ACL GR	804.0 - 2004.0			
DIFL LS AC DLL MLL	804.0 - 3012.0			
FMT	2327.0 - 3005.0			
LS BHC ACL DLL MLL	1983.0 - 3012.0			
MUD	800.0 - 3015.0			
MWD	404.0 - 815.0			
SHDT	1983.0 - 3012.0			
ZCDL GR	804.0 - 2004.0			
ZDL CN CALI GR	804.0 - 3012.0			

Depth v.s. time plot for well: 7122/4-1



Composite plot for well: 7122/4-1



Main operations for well: 7122/4-1**Main operation: DRILLING**

Sub operation:	Minutes:	Hours:	% of total:
BOP ACTIVITIES	1965	32,8	4,64
BOP/WELLHEAD EQ	3090	51,5	7,30
CASING	4550	75,8	10,75
CIRC/COND	1140	19,0	2,69
DRILL	16380	273,0	38,68
HOLE OPEN	1860	31,0	4,39
OTHER	135	2,3	0,32
PRESS DETECTION	45	0,8	0,11
REAM	2835	47,3	6,70
SURVEY	660	11,0	1,56
TRIP	9205	153,4	21,74
WAIT	480	8,0	1,13
Total	42345	705,8	100,00

Main operation: FORMATION EVAL

Sub operation:	Minutes:	Hours:	% of total:
CIRC/COND	1515	25,3	13,38
CORE	2730	45,5	24,11
LOG	2610	43,5	23,05
RFT/FIT	1845	30,8	16,29
TRIP	2625	43,8	23,18
Total	11325	188,8	100,00

Main operation: INTERRUPTION

Sub operation:	Minutes:	Hours:	% of total:
FISH	30	0,5	1,45
MAINTAIN/REP	450	7,5	21,74
OTHER	255	4,3	12,32
WAIT	1335	22,3	64,49
Total	2070	34,5	100,00

Main operation: MOVING

Sub operation:	Minutes:	Hours:	% of total:
ANCHOR	2025	33,8	95,07
POSITION	105	1,8	4,93
Total	2130	35,5	100,00

Main operation: PLUG & ABANDON

Sub operation:	Minutes:	Hours:	% of total:
CEMENT PLUG	2910	48,5	19,56
CUT	1995	33,3	13,41
EQUIP RECOVERY	6225	103,8	41,83
OTHER	1005	16,8	6,75
TRIP	1500	25,0	10,08
WAIT	1245	20,8	8,37
Total	14880	248,0	100,00

Total time used: Hours

WELL HISTORY 7122/4-1

GENERAL:

Well 7122/4-1 was an exploration well to be drilled in the Northern part of the Hammerfest Basin. The objective was the Mid to Lower Jurassic Stø Formation. The hydrocarbon trap is formed by a rotated horst structure dipping toward North-Northwest.

OPERATION:

Well 7122/4-1 was spudded on the 13th November 1991 by the semi submersible rig "Sonate Arcade Frontier" and was completed 14th January 1992.

The well was drilled to a total depth of 3015m RKB into the Triassic Snadd Formation. The Stø Formation was encountered at 2326.5m RKB, but was proven to be 100% water wet.

The well was plugged and abandoned as a dry hole.

TESTING:

No DST test was performed in this well.

Geological Tops.

Well: 7122/4-1.

	Depth m (RKB)
Nygrunnen Group	820.0
Kviting Fm	820.0
Nordvestbanken Group	910.0
Kolmule Fm	910.0
Kolje Fm	1790.0
Knurr Fm	2112.0
Teistengrunnen Group	2203.0
Hekkingen Fm	2203.0
Realgrunnen Group	2327.0
Stø Fm	2327.0
Nordmela Fm	2385.0
Tubåen Fm	2430.0
Fruholmen Fm	2463.0
Ingøydjupet Group	2635.0
Snadd Fm	2635.0
T.D.	3015.0