
IV MARINE REPORT

IV 1. WEATHER AND ANCHOR TENSION 15/9-10

This well was drilled in the autumn season and there was 83 hrs downtime due to weather conditions.

The main wind directions were E and S.

Wind speed did exceed 30 m/s two times, and a maximum of 39 m/s was reported.

Main wave directions were E, S and SW.

Maximum wave high was measured to 11-9 from SW.

Maximum experienced anchor tension was 132 ton on anchor no. 4.

LOCATION WEATHER DATA SUMMARY



WELL: 15/9-10 RIG: Nordraug
 TIME PERIOD: FROM 13.9 TO 6.11 -19 81
 READINGS PR. MONTH: One reading pr. day.

WIND

dir. \ m/sec.	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 30	> 30	total
N		1	1					2
NNE			1					1
NE				1				1
ENE				1				1
E	1	2	5	1	1			10
ESE								
SE				1				1
SSE				2				2
S		2	3	3	1	1		10
SSW		1	1	2				4
SW		2	2	2		1		7
WSW								
W			1	1	1			3
WNW		1		1	1	1	2	6
NW			3	3	1			7
NNW								
total	1	9	17	18	5	3	2	

WAVE

dir. \ height (m)	0 - 1	1 - 2	2 - 3	3 - 5	5 - 7	7 - 10	> 10	total
N				3				3
NNE								
NE			1		1			2
ENE								
E		4	1	3	1			9
ESE								
SE			1	4				5
SSE								
S		1	4	3	1			9
SSW								
SW			3	7		2		12
WSW								
W				2	1	3		6
WNW					2			2
NW			1	4	2			7
NNW								
total		5	11	26	8	5		

NAVIGATION REPORT

RIG MOVE OF "NEPTUNO NORDRAUG" TO WELL 15/9-10

1. Final position (ED 1950)

58° 19' 42.92"N, 01° 46' 20.61"E

Accuracy: 10 meters

Rig heading: 315°

Deviation from intended position: 23m - 096°

2. Observed Decca Main Chain Readings

Chain	:	Vestlandet OE	North Schottish
Red	:	-	-
Green	:	I 32,1	J 44,0
Purple	:	B 75,7	C 60,1

3. Navigation/Positioning Method

- a) Navigation : Pulse/8 navigation system with HP computer and plotter.
Navigation contractor : Racal - Decca Survey Norge A/S, Bergen.
Personnel : Lars Paul Foldnes.
- b) Positioning : MX-1502 Satellite positioning system.
Position contractor : A/S Geoteam, Oslo.
Personnel : Dave Philips.

4. Duration of the rig move

Personnel and equipment onboard : 13. Sept. 1981 at 09.00 hrs
Rig left 34/10-12 location : 13. " 1981 at 20.00 hrs
Start run in : 14. " 1981 at 20.30 hrs
Dropped first anchor : 14. " 1981 at 21.45 hrs
Dropped last anchor : 15. " 1981 at 06.18 hrs
All anchors pretensioned to
300 000 lbs. Ready for drilling: 15. Sept. 1981 at 20.40 hrs

5. Techniques/problems

The operation was performed according to Statoil's procedures without navigational problems.

Discrepancy between Pulse/8 position and Sat. nav. position was 26m - 311⁰ (Pulse/8 position NW of Sat. nav. position).
