Summary report

Wellbore: 15/9-F-14 **Period: 2008-05-23 00:00 - 2008-05-24 00:00**

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	38
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-11-04 00:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2008-06-15

Dist Drilled (m):	197
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.74
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2788
Depth mTVD:	2728.4
Plug Back Depth mMD:	
Depth at formation strength mMD:	2284
Depth At Formation Strength mTVD:	2281
Depth At Last Casing mMD:	2275.4
Depth At Last Casing mTVD:	2274.1

Summary of activities (24 Hours)

Drilled 12 1/4" hole section from 2666 m to TD at 2788 m MD. Circulated hole clean and dropped gyro. POOH from 2785 m to 133 m. Removed gyro tool string and LD 12 1/4" BHA from 133 m to 88 m MD.

Summary of planned activities (24 Hours)

Continue LD 12 1/4" BHA. RU 9 5/8" csg running equipment. RIH 700 m of 9 5/8" csg.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	2593	drilling -- drill	ok	Used 4 attempts to downlink to Schlumberger powerdrive. Meanwhile drilled ahead with limited ROP from 2591 m to 2593 m.
00:45	03:15	2638	drilling -- drill	ok	Drilled 12 1/4" hole section from 2593 m to 2638 m MD. Drilling parameters : Flow 3500 lpm / SPP 249 bar / String RPM 140 / Bit RPM 240 / WOB 6-11 MT / Torque 13-18 kNm / ECD 1,32-1,33 / ROP 40-50 m/hr in Ty formation and 10-25 m/hr in Ekofisk formation.
03:15	04:00	2648	drilling -- drill	ok	Used 5 attempts to downlink to Schlumberger powerdrive. Meanwhile drilled ahead with limited ROP from 2638 m to 2648 m. Performed downlink with bit off botm.
04:00	06:00	2666	drilling -- drill	ok	Drilled 12 1/4" hole section from 2648 m to 2666 m MD. Drilling parameters : Flow 3500 lpm / SPP 240-246 bar / String RPM 140 / Bit RPM 240 / WOB 11 MT / Torque 14-16 k Nm / ECD 1,32 / ROP 10-15 m/hr in Ekofisk formation. Up weight 168 mT / Down weight 150 mT / Rotating weight 157 mT.
06:00	10:15	2704	drilling -- drill	ok	Drilled 12 1/4" hole section from 2666 m to 2704 m MD. Drilling parameters : Flow 3100 lpm / SPP 233-235 bar / String RPM 140 / Bit RPM 240 / WOB 11 MT / Torque 13-14 k Nm / ECD 1,32 / ROP 9-10 m/hr in Ekofisk formation. Up weight 171 mT / Down weight 147 mT / Rotating weight 157 mT.
10:15	11:30	2713	drilling -- drill	ok	Used 4 attempts to downlink to Schlumberger powerdrive. Meanwhile drilled ahead with limited ROP from 2704 m to 2713 m.
11:30	13:30	2754	drilling -- drill	ok	Drilled 12 1/4" hole section from 2713 m to 2754 m MD. Drilling parameters : Flow 3500 lpm / SPP 250 bar / String RPM 155 / Bit RPM 255 / WOB 11-12 MT / Torque 19-25 kN m / ECD 1,33-1,34 / ROP 35-40 m/hr
13:30	14:45	2772	drilling -- drill	ok	Used several attempts to downlink to Schlumberger powerdrive. Meanwhile drilled ahead with limited ROP from 2754 m to 2772 m.
14:45	15:30	2788	drilling -- drill	ok	Drilled 12 1/4" hole section from 2772 m to 2788 m MD. Drilling parameters : Flow 3200 lpm / SPP 225 bar / String RPM 155 / Bit RPM 255 / WOB 11 MT / Torque 15-35 kNm / ECD 1,33-1,34 / ROP 50 m/hr. Up weight 175 mT / down weight 147 mT / rotating weight 158 mT.
15:30	16:00	2770	drilling -- drill	ok	Performed final downlink and took final survey. RB one std.
16:00	21:00	2785	drilling -- circulating conditioning	ok	Circulated well clean while reciprocated drill string. Pumped 4 x BU at: Flow 3300 lpm / SPP 124 bar / Upwards RPM 40 / Downwards RPM 120. Meanwhile MU and checked gyro tools on main deck. PU and MU gyro tool on drill floor.
21:00	21:45	2785	drilling -- survey	ok	Installed battery and dropped gyro tool string inside DP. Pumped down tool with 500-660 lpm and landed gyro on totco ring at 2659,9 m. Performed rotational shots and gyro tool QC at 2655,9 m.
21:45	00:00	2583	drilling -- trip	ok	Flow checked well for 15 min. Ok. POOH 5 stds wet from 2785 m to 2583 m. Flow checked well. Ok. Pumped 5 m3 slug. Meanwhile performed gyro survey on connection while POOH.

Drilling Fluid

Sample Time	03:30	11:00	16:00	21:00
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	2647	2707	2788	2788
Fluid Type	OBM-Standard	OBM-Standard	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.3	1.31	1.3	1.3
Funnel Visc (s)	-999.99	-999.99	-999.99	-999.99
Mf ()				
Pm ()				
Pm filtrate ()				
Chloride ()				
Calcium ()				
Magnesium ()				
Ph				
Excess Lime ()				
Solids				
Sand ()				
Water ()				
Oil ()				
Solids ()				
Corrected solids ()				
High gravity solids ()				
Low gravity solids ()				
Viscometer tests				
Plastic visc. (mPa.s)	23	25	25	23
Yield point (Pa)	11	10	9.5	10.5

Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				
Cake thickn API ()				
Cake thickn HPHT ()				
Test Temp HPHT (degC)	120	120	120	120
Comment				

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2788		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2626.4	2604.4	33.11	55.23	
2673.9	2643.2	37.39	54.82	
2707	2669	39.85	55.29	
2747.2	2699.8	40.19	55.74	
2788	2731	40.19	55.74	