Summary report

Wellbore: 15/9-F-11 T2 **Period: 2013-04-23 00:00 - 2013-04-24 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	49
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-03-07 17:30
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2013-05-09

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.55
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2574
Depth mTVD:	2442
Plug Back Depth mMD:	
Depth at formation strength mMD:	1358
Depth At Formation Strength mTVD:	1334
Depth At Last Casing mMD:	1357.7
Depth At Last Casing mTVD:	1334

Summary of activities (24 Hours)

RIH 14" 169.65 kg/m casing from 901 m to 2133 m.

Summary of planned activities (24 Hours)

Run 14" casing to setting depth at 2570 m. Cement casing inplace, set seal assembly and wear bushing.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	901	drilling -- casing	ok	RIH 14" 169.65 kg/m csg from 854 m to 901 m filling every joint with 1.42 sg OBM. Lowered TDS to 3 m above rig floor, tilted bails forward to pick up 14" 169.65 kg/m casing joint. When tilting forward a bolt on one out of four U-clamps sheared off. No personale in the area. Potential 0.12kg*4m*9.81=5J.
01:00	02:30	901	interruption -- repair	ok	Isolated drilling equipment replaced broken U-clamp and inspected remaining three U-clamps. No wear or damage observed.
02:30	03:00	935	drilling -- casing	ok	RIH 14" 169.65 kg/m csg from 901 m to 953 m filling every joint with 1.42 sg OBM. Average running speed 6 jts./hr. Observed link arms pushing against U-clamp bolts on bails when using link tilt drill function.
03:00	04:00	935	interruption -- repair	ok	Isolated drilling equipment and inspected same. Evaluated situation and formulized plan forward to only use link tilt retract function, thereby eliminating the pushing action on the bails.
04:00	06:00	1057	drilling -- casing	ok	RIH 14" 169.65 kg/m csg from 935 m to 1057 m filling every joint with 1.42 sg OBM. Average running speed 6 jts./hr.
06:00	09:00	1247	drilling -- casing	ok	RIH 14" 169.65 kg/m csg from 1057 m to 1247 m filling every joint with 1.42 sg OBM. Average running speed 6 jts./hr. Observed leaking hose power tong.
09:00	10:00	1247	interruption -- repair	ok	Changed out leaking hydraulic hose and connections on power tong.
10:00	12:30	1348	drilling -- casing	ok	RIH 14" 169.65 kg/m csg from 1247 m to 1348 m filling every joint with 1.42 sg OBM. Average running speed 6 jts./hr. Engaged fill up and circulation tool [FAC]. Broke circulation with 200 lpm, 10 bar. Staged up pumps in 100 lpm incriments to 1000 lpm, 14,7 bar. Dis-engaged FAC. Observed connection on pack-off backed out.
12:30	13:00	1348	interruption -- repair	ok	Made up connection on pack-off. Checked and re-tightent allen screw lock keys securing pack-off on FAC.
13:00	15:30	1527	drilling -- casing	ok	RIH 14" 169.65 kg/m csg from 1348 m to 1527 m filling every joint with 1.42 sg OBM. Average running speed 7 jts./hr. Unable to function power tong stabbing guide due to broken fitting on hydraulic hose.
15:30	16:00	1527	interruption -- repair	ok	Removed hydraulic hose on stabbing guide and blanked off fitting on power tong.
16:00	00:00	2133	drilling -- casing	ok	RIH 14" 169.65 kg/m csg from 1527 m to 2133 m filling every joint with 1.42 sg OBM. Average running speed 8 jts./hr.

Drilling Fluid

Sample Time	04:30	12:00
Sample Point	Flowline	Flowline
Sample Depth mMD	2574	2574
Fluid Type	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.42	1.42
Funnel Visc (s)	-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)	34	34
Yield point (Pa)	9	9.5

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