

Summary report

Wellbore: 15/9-F-12

Period: 2007-07-13 00:00 - 2007-07-14 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	31
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-03-15 00:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature (I):	
Pressure (I):	
Date Well Complete:	2007-08-26

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	26
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.2
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1369
Depth mTVD:	0
Plug Back Depth mMD:	
Depth at formation strength mMD:	251
Depth At Formation Strength mTVD:	251
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

Summary of activities (24 Hours)

RIH w/ 20" CSG F/812m T/1203m. R/D 20" CSG handling equipment and R/U 5½" HWDP handling equipment. P/U and ran in w/ 18 3/4" Subsea well head and positioned same below the celler deck for attaching of the DCI frame.

Summary of planned activities (24 Hours)

Complete attaching DCI frame to 18 3/4" Subsea well head. RIH and land of 18 3/4" Subsea well head. Prepare and cement 20" CSG. Release R/T from 18 3/4" Subsea well head, pull out of the water and rack back same. Prepare for running HP riser.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	812	drilling -- casing	ok	Continued RIH with 20" CSG. F/460m T/812m.
06:00	07:00	838	drilling -- casing	ok	Continued RIH w/ 20" CSG F/812m T/838m
07:00	07:15	838	drilling -- casing	ok	Due to incorrect torque, broke CSG jnt out and inspected threads. Meanwhile held tool box meeting with day shift.
07:15	10:15	1045	drilling -- casing	ok	Continued RIH w/ 20" CSG F/838m T/1045m. Tight spot F/923m T/937m, set off 7 - 10 MT and washed through. Started investigating problems with casing tong load sensor.
10:15	12:45	1045	drilling -- casing	ok	Unable to make up CSG properly, investigated CSG tong, found fault in load censor and in software. Laid out two jnt w/ overtorqued threads, Replaced same w/ jnts from deck
12:45	13:45	1083	drilling -- casing	ok	Continued RIH w/ 20" CSG F/1045m T/1083m
13:45	15:45	1095	drilling -- casing	ok	At 1083m met obstruction. Worked casing down w/ 1200 - 200 lpm and 5 - 50 MT to 1095m.
15:45	18:15	1120	drilling -- casing	ok	Continued to wash CSG down F/1095m T/1106m. Hit obstruction at 1106m washed down from 1106m to 1120m.
18:15	20:15	1203	drilling -- casing	ok	RIH w/ 20" CSG F/ 1120m T/1203m.
20:15	23:00	1203	drilling -- casing	ok	Removed 20" CSG automatic slips and installed manuel 20" CSG slips. Modified automatic slips to 5½" DP slips. Removed 20" CSG elevator, bails and FAC tool. In stalled bails and 5½" DP elevator.
23:00	23:15	1203	drilling -- casing	ok	Held tool box meeting prior to pick up and run in w/ 18 3/4" Subsea well head.
23:15	00:00	1203	drilling -- casing	ok	Picked up 18 3/4" Subsea well head, attempted to make up same, had problems getting 18 3/4" Subsea well head vertical without the possibility of damaging the threads.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	0		well control equ syst -- diverter	0	00:00	Lifting bolt for diverter broke.
00:00	12		pipe handling equ syst -- elevator	0	00:00	-
00:00	214		pipe handling equ syst -- other	0	00:00	-
00:00	36		pipe handling equ syst -- elevator	0	00:00	-
00:00	52		pipe handling equ syst -- other	0	00:00	-
00:00	0		pipe handling equ syst -- drill floor tube handl syst	0	00:00	-

Drilling Fluid

Sample Time	01:00	10:00	22:00
Sample Point	Reserve pit	Reserve pit	Reserve pit
Sample Depth mMD	1369	1369	1369
Fluid Type	Spud Mud	HPWBM	HPWBM
Fluid Density (g/cm3)	1.4	1.34	1.35
Funnel Visc (s)	90	-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)	-999.99	-999.99	-999.99
Yield point (Pa)	-999.99	-999.99	-999.99
Filtration tests			
Pm filtrate ()			
Filtrate Lthp ()			
Filtrate Hthp ()			
Cake thickn API ()			
Cake thickn HPHT ()			
Test Temp HPHT ()			
Comment			