

Summary report

Wellbore: 15/9-F-11

Period: 2013-03-16 00:00 - 2013-03-17 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	10
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 (I):	
Pressure (I):	
Date Well Complete:	

Dist Drilled (m):	16
Penetration rate (m/h):	-999.99
Hole Dia (in):	26
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	224
Depth mTVD:	224
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	202.3
Depth At Last Casing mTVD:	202

Summary of activities (24 Hours)

Drilled 26" hole from 208 m to 224 m. POOH from 224 m to surface due to MWD tool failure.
Next 24 hrs. M/U new 26" motor steerable BHA. RIH drill and orientate 26" hole from 224 m.

Summary of planned activities (24 Hours)

M/U 26" motor steerable BHA

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	197	drilling -- survey	ok	POOH with wireline gyro.
00:30	01:00	210	drilling -- survey	ok	Drilled 26" hole from bottom of rat hole at 208 m to 210 m, 4470 lpm, 133 bar, 60 rpm, 2-3 KNm. Made several attempts to take survey with MWD -No Go.
01:00	01:15	213	drilling -- drill	ok	Drilled 26" hole from 210 m to 215 m, 4450 lpm, 132 bar, 90 rpm, 6-9KNm.
					At 1:15hrs while drilling 26" hole at 215 m one half (5 kg) of a 2 piece Top Drive Pipe Handler Stabbing Guide and three (3 x 200 grm) of the seven bolts securing same to Top Drive fell down 8 m from the top dive to the drill floor.
01:15	01:30	213	interruption -- oth er	ok	Impact of the dropped 5kg part of the stabbing guide was estimated as 400 joules. Barriers were in place at the rig floor, no personal were on the rig floor, and the objects fell down within the Red Zone. No personnel injury took place. Notification was given to Statoil and MDN offshore and onshore management.
					Picked up off bottom from 215 m to to 213 m and held Time Out For Safety (TOFS) meeting.
01:30	02:00	213	interruption -- oth er	ok	Evaluated situation and formulated forward plan.
02:00	03:00	213	interruption -- oth er	ok	Held pre-job meeting. Prepared permits and isolated drilling equipment on drill floor. Used work basket to inspect Top drive.
03:00	03:30	184	interruption -- oth er	ok	Pulled back 26" BHA from 213 m to inside 30" conductor shoe at 202 m to 184 m. Racked back one 5 1/2" DP stand.
03:30	05:00	184	interruption -- oth er	ok	Lowered top drive to rig floor inspected same. Recorded details of dropped object incident. Re-installed Pipe Handler Stabbing Guide onto Top drive.
05:00	06:00	185	interruption -- re pair	ok	M/U 5 1/2" DP stand and attempted to test communication to MWD tools, no go.
06:00	07:00	224	drilling -- drill	ok	Drilled 26 hole from 215 m to 224 m,4500 lpm, 147 bar, 60 rpm, 3-6 KNm, Gross ROP: 11 m/hr, WOB 1-2 MT. Evaluated situation and prepared to POOH.
					Meanwhile: Baker discussed MWD operational problems with onshore support and reported the MWD tool failure mode to be a "De-Sync" failure that would not be possible to solve with the MWD tools in hole. Prepared to inspect drilling equipment in derrick prior to POOH 26" BHA to change out MWD tools.
07:00	10:00	224	interruption -- oth er	ok	Performed full derick and equipment inspection prior to POOH.
					Meanwhile: Mixed 1.40 sg mud.
10:00	11:00	144	interruption -- re pair	ok	Displaced well with 30 m3, 1.40 sg mud, 2500 lpm, 40 bar, 10 rpm, 1-2 KNm. POOH from botton at 224 m to 144 m.
11:00	11:30	144	interruption -- re pair	ok	Topped up well with 10 m3, 1.40 sg mud, 2000 lpm, 40 bar.
11:30	12:00	144	interruption -- re pair	ok	Waited on prodution to complete shuting-in wells.
12:00	14:00	37	interruption -- re pair	ok	At 12:06hrs Production confirmed wells F-7, F-12 and F-14 shut-in. POOH 26" BHA from CTS funnel at 144 m to 37 m, observed by ROV.
14:00	15:00	0	interruption -- re pair	ok	Chanded handling equipment. POOH 26" BHA and inspected bit, observed no indication of junk in hole.
15:00	17:30	22	interruption -- re pair	ok	RIH 26" motor steerable BHA to 32 m and resumed braking down same to 22 m. GyroTrack tested and found to be re-runable
17:30	19:00	22	interruption -- oth er	ok	Seal ring between top of OnTrack and modular stabilizer observed to be out of position. Directional Driller advised that this could be caused by a leaking and/or exploded lithium battery within the OnTrak tool, with risk of personal being exposure to toxic gas and liquids. All personnel were immediately moved off the drill floor to a safe area in the dog house. Barriered off rig floor. Evaluated situation Baker discussed with onshore HSE organisation. Informed offshore and onshore management.
19:00	23:00	22	interruption -- oth er	ok	Performed SJA meeting and formulated plan with involvement of Baker onshore organization and technical management.
23:00	00:00	0	interruption -- oth er	ok	Prepared permits and held pre-job/SJA meeting with all involved personal.

Drilling Fluid

Sample Time	10:00	20:00
Sample Point	Reserve pit	Active pit
Sample Depth mMD	282	282
Fluid Type	Spud Mud	Spud mud
Fluid Density (g/cm3)	1.4	1.03

Funnel Visc (s)	100	120
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
Yield point (Pa)	-999.99	-999.99
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT ()		
Comment		

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
100	Baker Hughes Inteq	208	224	OnTrak	-999.99