

## Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-04-05 00:00 - 2013-04-06 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:	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):	26
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1365
Depth mTVD:	1345.5
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	1357.7
Depth At Last Casing mTVD:	1334

## Summary of activities (24 Hours)

Cemented 20" casing.  
Released WHH RT and POOH with same.  
Rigged up and prepared for running HPDR.

## Summary of planned activities (24 Hours)

Rig up and prepare for running HPDR.  
Run HPDR.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	1317	drilling -- casing	ok	Picked up and made up cement stand. Not able to spin in TDS.
00:30	01:30	1317	interruption -- repair	ok	Troubleshoot TDS spinning problem.  Meanwhile: Racked back cement stand. Reciprocated 20" casing string. Made up cement stand into string.
01:30	02:00	1358	drilling -- casing	ok	Established circulation in increments of 300 liter/min. Washed down 20" casing from 1344 m to 1358 m with 1000 liter/min, 30 bar. No excessive weight observed. Recorded up / down weights 245 / 183 Ton.
02:00	02:30	1358	drilling -- casing	ok	Landed 20" casing at 1358 meter by setting down 15 Ton on hanger. Performed over pull test to 270 Ton. ( 25 Ton overpull)
02:30	05:00	1358	drilling -- other	ok	Started production on F-12. Circulated 250 m3 with 2300 liter/min, 40 bar. Lined up, flushed and pressure tested surface lines to 345 bar for 10 min.
05:00	11:00	1358	drilling -- other	ok	Dropped ball for bottom wiper plug. Applied 20 bar against lo-torg valve, opened same to verify lineup. Mixed and pumped 308 m3 of 1,56 SG lead cement slurry with 1000-1050 l/min, 22-19 bar. Mixed and pumped 30 m3 of 1,92 SG tail cement slurry with 840 l/min, 17 bar. Released top dart and reset stroke counters.
11:00	13:00	1358	drilling -- other	ok	Displaced 3000 liter SW from cement unit using cement pump. Did not observe top plug shear after +/- 820 liters as prognosed. Continued to displace with SW using rig pumps at 3900 liter/min, 45-50 bar. After 2990 liter pumped observed pressure spike of 111 bar. Indicating top plug sheared. Under displaced with 10 m3, did not bump plug. Total displacement 201 m3 SW. Bleed back pressure to trip tank and monitored for backflow, no flow observed. Disconnected cement hose and removed same.
13:00	13:30	1358	drilling -- other	ok	Released 18 3/4" CART tool from hanger. Performed pre-job meeting prior to laying out cement head and CART.
13:30	15:30	0	drilling -- other	ok	Laid down cement head with 5 1/2" HWDP single down on HTS. Connected TDS and circulated 2 ea. sponge balls through pipe. POOH with 18 3/4" CART on 5 1/2" HWDP from 140 meter to surface. Laid down 18 3/4" CART to cantilever.
15:30	20:00	0	drilling -- bop/wellhead equipment	ok	Held tool box talk with ROV and deck crew. Assisted ROV and deck crew with installing riser guide funnel.  Meanwhile: Dismantled TDS washpipe. Cleaned and cleared rigfloor and prepared to spot equipment for HPDR running. Installed teflon riser guides in hole openings on centralizer and tension decks.
20:00	20:30	0	drilling -- bop/wellhead equipment	ok	Performed pre-job meeting prior to pickup and prepare HPDR equipment.
20:30	22:00	0	drilling -- bop/wellhead equipment	ok	Picked up Claxton tool and torqued up handling pup connection, laid down same to cantilever. Meanwhile: Spotted riser equipment on cantilever, centralizer and tension decks.
22:00	00:00	0	drilling -- bop/wellhead equipment	ok	Installed tension ring on centralizer deck. Meanwhile: Organized riser joints on cantilever. Connected BOP joint to Claxton tool.

## Drilling Fluid

Sample Time	00:00
Sample Point	
Sample Depth mMD	-999.99
Fluid Type	Seawater
Fluid Density (g/cm3)	1.03
Funnel Visc (s)	-999.99
Mf ()	

Pm ()	
Pm filtrate ()	
Chloride ()	
Calcium ()	
Magnesium ()	
Ph	
Excess Lime ()	
<b>Solids</b>	
Sand ()	
Water ()	
Oil ()	
Solids ()	
Corrected solids ()	
High gravity solids ()	
Low gravity solids ()	
<b>Viscometer tests</b>	
Plastic visc. (mPa.s)	-999.99
Yield point (Pa)	-999.99
<b>Filtration tests</b>	
Pm filtrate ()	
Filtrate Lt <sub>hp</sub> ()	
Filtrate H <sub>thp</sub> ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	

#### Casing Liner Tubing

<b>Start Time</b>				
<b>End Time</b>				
<b>Type of Pipe</b>	Casing	Casing	Casing	Casing
<b>Casing Type</b>				
Outside diameter (in)	20	20	20	20
Inside diameter (in)	18.73	18.73	18.73	18.73
Weight (lbm/ft)	133	133	133	133
Grade	N-80	N-80	N-80	N-80
Connection	TenarisER	TenarisER	TenarisER	TenarisER
Length (m)	12.96	12.82	1182.38	10.31
Top mMD	1344.72	1331.9	149.52	139.21
Bottom mMD	1357.68	1344.72	1331.9	149.52
Description				
Comment				