

Summary report

Wellbore: 15/9-F-11 B

Period: 2013-06-16 00:00 - 2013-06-17 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	20
Days Ahead/Behind (+/-):	11.4
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-05-28 14:30
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature (°):	
Pressure (°):	
Date Well Complete:	2013-06-12

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (°):	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.65
Dia Last Casing (°):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	4770
Depth mTVD:	3258
Plug Back Depth mMD:	
Depth at formation strength mMD:	3192
Depth At Formation Strength mTVD:	2780
Depth At Last Casing mMD:	4768.7
Depth At Last Casing mTVD:	3257

Summary of activities (24 Hours)

Set liner packer and pressure tested same to 200 bar for 5 minutes - ok.  
Pulled out of hole with liner hanger running tool on 5 1/2" drill pipe from 3100m MD.  
Rigged up flush BHA and ran in hole to 167m MD.  
Troubleshoot top drive brake release failure.

Summary of planned activities (24 Hours)

Performed flushing of BOP and riser.  
Pressure test well to 270 bar.  
Perform Cleanout run.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	4770	drilling -- casing	ok	Lined up to cement unit and verified line up. Closed upper annular and tested annulus and liner packer to 200 bar for 10 min - ok.
00:45	01:00	4770	drilling -- casing	ok	Stung out of PBR with liner hanger running tool by pressuring up liner to 70 bar, pulling out 5m and observed pressure drop.
01:00	03:15	4770	drilling -- casing	ok	Established circulation with 2000 lpm and 110 bar. Circulated out spacer and excess cement. Transferred a total of 40m3 of slops.
03:15	04:00	4770	drilling -- casing	ok	Broke out and laid down cement head and racked back.
04:00	05:00	3100	drilling -- casing	ok	Installed 2 x sponge balls and circulated 2 x string volumes at 2000 lpm and 96 bar.
05:00	06:30	3100	drilling -- casing	ok	Pumped slug. Laid out cement stand to deck.
06:30	07:00	3100	drilling -- casing	ok	Attempted to pressure test well to 270 bar. Inconclusive test due to slug and air in pipe.
07:00	11:00	620	drilling -- casing	ok	Pulled out of hole with liner hanger running tool on 5 1/2" drill pipe from 3100m MD to 620m MD.  Average: 620 m/hr.
11:00	11:15	620	drilling -- casing	ok	Picked up 2 x single joints from deck.
11:15	12:30	13	drilling -- casing	ok	Pulled out of hole with liner hanger running tool on 5 1/2" drill pipe from 620m MD to 13m.  Average: 496 m/hr.
12:30	13:15	0	drilling -- casing	ok	Changed handling equipment. Laid out liner hanger running tool to deck.
13:15	13:30	0	drilling -- casing	ok	Cleaned and tidied rig floor.
13:30	13:45	0	completion -- circulating conditioning	ok	Performed prejob meeting prior to pick up and make up flushing BHA.
13:45	15:15	167	completion -- circulating conditioning	ok	Picked up and made up well protector. Ran in hole to 167m MD.
15:15	00:00	167	interruption -- other	ok	Troubleshoot brake release failure on top drive. Closed out fault seeking on electrical control system.  Meanwhile: Performed kick drill, rigged down drifting equipment from derrick. Serviced top drive / travelling block and dolly. Inspected and serviced PS21 slips. Prepared handling equipment for next BHA. Performed general maintenance.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	2808		pipe handling equ syst -- other	0	00:00	Trolley belt failure
00:00	4696		service equ -- special service equ	0	00:00	To be updated when - Preliminary description After 3 sudden SPP increase of 5 bar and drop (volume in active pits increased and dropped at the same time) lost signal from all tools (no pulsing) at 20:45 10.06.2013 (depth-4519m MD). After recycling pumps

Drilling Fluid

Sample Time	15:00
Sample Point	Active pit
Sample Depth mMD	4770
Fluid Type	Enviromul Yellow
Fluid Density (g/cm3)	1.32
Funnel Visc (s)	-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)	37
Yield point (Pa)	13
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT (degC)	120
Comment	