

## Summary report

Wellbore: 15/9-F-12

Period: 2008-01-11 00:00 - 2008-01-12 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	109
Days Ahead/Behind (+/-):	101.1
Operator:	StatoilHydro
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 ():	
Pressure ():	
Date Well Complete:	2007-08-26

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia ():	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.6
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	3520
Depth mTVD:	3107.4
Plug Back Depth mMD:	3480
Depth at formation strength mMD:	3116
Depth At Formation Strength mTVD:	2863
Depth At Last Casing mMD:	3519
Depth At Last Casing mTVD:	3107.8

## Summary of activities (24 Hours)

Calibrated rig equipment after power shut down(s). Resumed well cleaning operation and RIH with cleaning string. Scraped and cleaned packer setting areas as required. Dressed of 7" liner PBR. Displaced well to 1,03 sg packer fluid. Flowchecked well. POOH with cleaning string to 3200 m MD.

## Summary of planned activities (24 Hours)

POOH with cleaning string. Set and test seal assembly in 10 3/4" hanger. Test BOP.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:30	2235	interruption -- other	ok	Continued to secure FWD PRS.
02:30	02:45	2235	interruption -- other	ok	Held toolbox talk prior to removing scaffolding from derrick.
02:45	05:45	2235	interruption -- other	ok	Removed scaffolding from derrick.
05:45	06:00	2235	interruption -- other	ok	Calibrated block height after ESD power shut down.
06:00	09:15	2235	interruption -- other	ok	Calibrated crown block. Re-set I-VICIS software for rig equipment after power shut down(s).
09:15	09:30	2235	interruption -- other	ok	Held toolbox talk prior to installing PS-21 automatic slips and RIH. Installed PS-21.
09:30	10:15	2376	completion -- circulating conditioning	ok	RIH with clean out assemblies on 5 1/2" DP from 2235 m to 2376 m MD.
10:15	11:00	2407	completion -- circulating conditioning	ok	Made up TDS to cleaning string. Scraped and cleaned FLX packer area from 500 m to 520 m MD with 10 3/4" scraper. Pumped 80 m3 contaminated brine at 2500 lpm while reciprocating and rotating pipe at 60 RPM. Max torque 9 kNm. Up/down weights 146/117 MT.
11:00	11:45	2578	completion -- circulating conditioning	ok	RIH with clean out assemblies on 5 1/2" DP from 2407 m to 2578 m MD. Could not release PS-21 slips after connection.
11:45	17:00	2578	interruption -- other	ok	Repaired on PS-21 slips. Released slips. Exchanged PS-21 with PS-30 slips.
17:00	19:45	3080	completion -- circulating conditioning	ok	RIH with scraper assemblies from 2578 m to 3080 m MD.
19:45	21:15	3107	completion -- circulating conditioning	ok	Made up TDS to cleaning string. Scraped and cleaned gun hanger area from 3080 m to 3100 m MD with 7" scraper. Pumped SW at 1500 lpm while reciprocating and rotating pipe at 60 RPM. Max torque 17 kNm. Up/down weights 144/125 MT. Made connection and observed U-tube from well due to overweight brine pumped at an earlier stage. Scraped and cleaned area from 3100 m to 3105 m MD. Total volume pumped approx 30 m3.
21:15	23:00	3425	completion -- circulating conditioning	ok	RIH with scraper assemblies from 3107 m to 3425 m mD.
23:00	23:30	3442	completion -- circulating conditioning	ok	Made up TDS to cleaning string. Scraped and cleaned production packer setting area from 2980 m to 3000 m MD with 9 5/8" scraper. Pumped 30 m3 of SW at 1500 lpm while reciprocating and rotating pipe at 60 RPM.
23:30	00:00	3458	completion -- circulating conditioning	ok	Recorded parameters while circulating and rotating : Flow 1100 lpm / 50 RPM / Up weight 167 MT / Down weight 145 MT / Torque 25 kNm / SPP 72 bar. Took Up/down weight without circulation and rotation : Up weight 190 / Down weight 134 MT. Set torque limit to 27 kNm. RIH while circulating at 1100 LPM and rotating 50 RPM. Tagged top of PBR at 3026.2 m MD (bit depth 3457.9 m MD). String stalled out due to excessive torque, relaxed weight to regain rotation, which fluctuated between 20-50 RPM. Picked up above PBR. Ran back in to 3026 m (bit depth 3457.7 m MD) and dressed PBR for 1 min. Max torque 27 kNm.

## Drilling Fluid

Sample Time	00:00
Sample Point	Reserve pit
Sample Depth mMD	-999.99
Fluid Type	Packer fluid
Fluid Density (g/cm3)	1.03
Funnel Visc (s)	-999.99
Mf ()	
Pm ()	
Pm filtrate ()	

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

#### Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	140		1.03	estimated