

Summary report

Wellbore: 15/9-F-12

Period: 2008-01-02 00:00 - 2008-01-03 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	100
Days Ahead/Behind (+/-):	109.2
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:	
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)

RIH with Adjustment sub setting tool and made up the Adjustment sub. Installed the secondary Bowl protector. Picked/made up 9.567" drift. RIH with 9.567" drift from surface to 150 m. POOH with same. RIH with the GTV plug retrieving tool from surface and tagged GTV plug at 635.4 m. Circulated out the HI-vis pill over shakers.

Summary of planned activities (24 Hours)

Retrieve the GTV plug. RIH with Clean out assy and wash the well. RIH and install the 10 3/4" MS seal.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	139	drilling - c asing	ok	Flushed cement line and pressure tested line to 50/345 bars 5/10 mins.
00:45	01:15	139	drilling - c asing	ok	Pressure tested Tie-Back connector to 50/345 bars 10/10 mins. Volume pumped 82 litres bled off 80 litres. Observed no pressure building up in B-annulus.
01:15	03:15	0	drilling - c asing	ok	Rigged down cement hose and pump in sub. POOH with Straddle cup tester from 139 m to surface. Hung up at 22 m. OOH with the Straddle cup tested. The lower cup tester had minor damage. Changed out same. Laid out the Stardle cup test assy.
03:15	03:30	0	drilling - c asing	ok	Held tool box talk prior to making up the Adjustment sub setting tool.
03:30	04:30	27.5	drilling - c asing	ok	Picked/made up the Adjustment sub setting tool. RIH from surface to 21 m. Took weight. Turned string 90° and passed obstruction. Continued RIH to 27.5 m.
04:30	05:30	27.1	drilling - c asing	ok	Applied 140 bars to the Adjustment sub setting tool. Slowly pulled up to land in Latching ring groove and took over pull of 30 MT. String at ±27.1 m. Bled off the pressure in the string and kept the tension. Rotated the string at 2700 - 3000 Nm 17 turns. No travelling movement of the casing hanger. Observed through the B-annulus valve. When picked up the 30 MT over pull the casing hanger moved ± 2 cm up.
05:30	06:00	0	drilling - c asing	ok	POOH with Adjustment sub setting tool. Checked and function tested the Adjustment sub setting tool. No marks operated ok.
06:00	07:30	0	drilling - c asing	ok	Changed out to back up Adjustment sub setting tool.
07:30	11:30	0	drilling - c asing	ok	Evaluation meeting with onshore organisation. Meanwhile performed general maintenance on the rig floor.
11:30	11:45	0	drilling - c asing	ok	Held tool box talk prior to RIH with the Adjustment sub setting tool.
11:45	13:00	27	drilling - c asing	ok	Attempted to turn the Adjustment sub setting tool string using chain tongs. Made up TDS: RIH with Adjustment sub setting tool. Engaged the Adjustment sub setting tool in the vertical key slots. Turned string 10 turns to the right using the TDS, with 6000 Nm torque. Landed off the casing hanger, verified the Adjustment sub travel of 17 cm. By observation through B-annulus at WH. Released torque. Applied 140 bars to the Adjustment sub setting tool. Picked up 30 MT over pull, bled off the pressure. Turned the Adjustment sub setting tool 4 turns with 2 - 3 kNm, unable to engage the vertical key slots to torque up the casing hanger. Retracted the Adjustment sub setting tool. POOH with the Adjustment sub setting tool.
13:00	16:15	0	drilling - c asing	ok	Evaluation meeting with onshore organisation. Meanwhile performed general maintenance on the rig floor.
16:15	17:30	27	drilling - c asing	ok	RIH with Adjustment sub setting tool. Applied 140 bars to the Adjustment sub setting tool. Took 10 MT over pull. Bled off the pressure. Ran back in 1cm, and pulled up slowly with 2 RPM rotation and engaged the vertical key slots. Applied 140 bars to the Adjustment sub setting tool. Took 30 MT over pull, bled off the pressure. Turned the string 1 turn to the right, and made up the casing hanger sleeve to 9500 Nm, total 11 turns. Retracted the Adjustment sub setting tool. POOH with the Adjustment sub setting tool.
17:30	19:00	29	drilling - c asing	ok	Made up the Straddle cup tester. RIH and positioned the straddle cup tester across the Adjustment sub. Pressure tested same 20/345 bars 5/10 mins.
19:00	20:15	29	drilling - c asing	ok	Held tool box talk prior to POOH with Straddle cup tester and lay out same. Performed same.
20:15	21:15	0	drilling - c asing	ok	Held tool box prior to lay out Red Baron Spear assy. Performed same.
21:15	22:15	20	drilling - b op/wellhead equipment	ok	RIH and installed secondary Bowl protector at 20 m.
22:15	22:45	0	drilling - c asing	ok	Cleared the rig floor. Held tool box talk prior to pick/make up 9.567" drift.
22:45	00:00	45	drilling - c asing	ok	Picked/made up 9.567" drift. RIH with 9.567" drift from surface to 45 m.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	27.5		miscellaneous equ syst -- wellhead subsea run test	0	00:00	Unable to make the Adjustment sub.

Drilling Fluid

Sample Time	15:00
Sample Point	Active pit

Sample Depth mMD	3520
Fluid Type	Packer fluid
Fluid Density (g/cm3)	1.03
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)	-999.99
Yield point (Pa)	-999.99
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3520		1.03	estimated