

Summary report

Wellbore: 15/9-F-14

Period: 2016-08-13 00:00 - 2016-08-14 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	15
Days Ahead/Behind (+/-):	2.5
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2007-11-04 00:00
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:	2008-06-15

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.56
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	-999.99
Depth mTVD:	
Plug Back Depth mMD:	2456.5
Depth at formation strength mMD:	2788
Depth At Formation Strength mTVD:	2728.4
Depth At Last Casing mMD:	140.5
Depth At Last Casing mTVD:	140.5

Summary of activities (24 Hours)

- Tested well w/ RTTS packer, located loss area (Utsira)
- Mixed and pumped LCM pill. Monitored well

Summary of planned activities (24 Hours)

- Set RTTS below wellhead
- Nipple down BOP and retrieve HP riser
- Skid rig to F-12
- R/U WL pressure control equipment

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:15	0	plug abandon -- cut	ok	Cleaned and cleared rig floor
00:15	00:30	0	interruption -- other	ok	Changed BX inserts to 5in and prepared RTTS BHA components to P/U
00:30	01:45	74	interruption -- other	ok	M/U RTTS BHA and RIH with 2x stands of 8,25 DC to 74m
01:45	02:00	147	interruption -- other	ok	RIH w/ 2x stands of DP from 74m to 147m
02:00	02:15	147	interruption -- other	ok	M/U TDS and set RTTS packer at 147m
02:15	02:45	147	interruption -- other	ok	Filled riser w/ 7.3m3. Observed level dropped in riser +/- 1 meter before stabilizing. Lined up TT pump and observed well - static
02:45	03:00	147	interruption -- other	ok	Performed line test and closed BOP prior to pressure test above RTTS. Pressured up well to 6 bar and observe pressure bleeding off. Stop cement pump - pressure dropped to zero
03:00	03:30	147	interruption -- other	ok	Opened BOP and monitored well on TT. TT level drop +/-1m3 over 20 min before stabilizing
03:30	04:00	147	interruption -- other	ok	Attempted to pressure test again. Good low pressure test at 20bar/5min. Continued to pressured up to 25 bar and observed pressure bleeding off. Stopped cement pump and pressure dropped to zero
04:00	04:30	147	interruption -- other	ok	Opened BOP and monitored well on TT. Observed loss rate 4.8m3/hr. Released RTTS packer, loss rate increased to 10.8m3/hr
04:30	05:00	142.5	interruption -- other	ok	Picked up w/ RTTS packer to 142.5m (the depth above top shot of 10 3/4in csg perforation) Set RTTS at 142.5m. Well static. Pressure tested above RTTS to 20bar/5min and 50bar/5min. Good test. Released RTTS. Loss rate 10m3/hr
05:00	05:45	155	interruption -- other	ok	M/U new stand. RIH and RTTS packer at 155m. (the depth below bottom shot of 10 3/4in csg perforation) Loss rate 10m3/hr. Stopped TT pump and let level drop
05:45	06:15	155	interruption -- other	ok	Filled pipe, performed line test. Attempted to pressure test below RTTS. No success. Pumped 1 m3, not able to achieve pressure build up
06:15	06:30	155	interruption -- other	ok	Released RTTS
06:30	07:30	8	interruption -- other	ok	POOH on DP from 155m to 8m
07:30	07:45	0	interruption -- other	ok	Changed inserts in elevator
07:45	08:00	0	interruption -- other	ok	L/D RTTS BHA
08:00	08:15	0	interruption -- other	ok	Cleaned and cleared rig floor
08:15	11:30	0	interruption -- lost circulation	ok	Evaluated situation. Discussed situation w/ onshore organisation. Agreed way forward to attempt to cure losses w/ LCM pill Meanwhile serviced drilling equipment. Housekeeping. Adjusted link tilt, Performed maintenance on PS21, TDS, greased both PRSs.
11:30	12:00	0	interruption -- lost circulation	ok	Filled the well w/ sea water, observed returns at surface after 8,7 m3 pumped. Prepared and start mixing 400kg/m3 LCM pill in pump room
12:00	12:15	0	interruption -- lost circulation	ok	Continued mixing 400kg/m3 LCM pill in pump room. Hopper is packing off while mixing. Continued to mix manually. Worked good Flow checked on TT. Loss rate 10m3/hr
12:15	12:45	0	interruption -- lost circulation	ok	Continued mixing 400kg/m3 LCM pill in pump room Changed handling equipment and prepared to RIH w/ drill pipe
12:45	14:00	845	interruption -- other	ok	Continued mixing 400kg/m3 LCM pill in pump room RIH w/ 5,5in DP from surface to 845m
14:00	19:30	845	interruption -- lost circulation	ok	Continued mixing LCM pill while monitoring well. Loss rate 11m3/hrs. Meanwhile isolated and removed suction strainers in MP#2
19:30	21:30	900	interruption -- lost circulation	ok	Pumped 15m3 1.3sg 400kg/m3 LCM pill @ 550 LPM. When pill starts to exit string, decreased pump rate to 160l/min. Lined up TT and kept volume in TT static by adjusting pump rate between 160-200l/min to avoid LCM going up annulus and avoid SW from annulus dropping down and mix with LCM. Pumped and pulled to top of stand when +/- 2 m3 LCM left in the DP string. Stopped pumping after all LCM volume out of the DP string. Loss rate during pumping and displacing LCM pill +/- 11m3/hr
21:30	22:15	900	interruption -- lost circulation	ok	Stop pumping and monitor well on TT for 30 min. Loss rate +/- 10 m3/hr
22:15	23:00	0	interruption -- other	ok	POOH w/ 5,5in DP from 900m to surface. Average pulling speed 1200 m/hour
23:00	23:15	0	interruption -- other	ok	Removed PS21, installed master bushing
23:15	23:30	0	interruption -- other	ok	Performed Pre-job Meeting to RIH w/ RTTS
23:30	00:00	88	interruption -- other	ok	M/U RTTS BHA from surface to 88m