

## Summary report

Wellbore: 15/9-F-14

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	9
Days Ahead/Behind (+/-):	2.2
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 ():	
Pressure ():	
Date Well Complete:	2008-06-15

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

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:	3695
Depth At Last Casing mTVD:	3123.4

## Summary of activities (24 Hours)

- Tagged cement plug in 9 5/8in csg
- Released spear and POOH, leaving 7in tbg in well
- Pulled MS-T seal
- Cut 10 3/4in surface tie back csg
- Pulled 10 3/4in surface tie back csg hanger

## Summary of planned activities (24 Hours)

- Release 10 3/4in surface tie back adapter
- Pull 10 3/4in surface tie back csg
- Punch below 10 3/4in subsea csg hanger
- Mill 10 3/4in subsea csg hanger

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	2398	plug abandon -- other	ok	Evaluated situation. Discussed situation w/ cementing support onshore organisation. 24 hours WOC by now. Agreed to continue attempting to tag cement
01:00	02:30	2456.5	plug abandon -- trip	ok	Continued to wash down from 2398m with 560l/min 20-25bar, observed pressure spikes up to 85 bar. Tagged hard cement at 2456.5m with 12l, 530l/min, 22bar. Length of cement plug 123.5m (2456.5m - 2580m)
02:30	02:45	1096.5	plug abandon -- trip	ok	Released spear from tubing: set down 30ton, 2x turns right, pull up 200m to confirm free. Top of tubing in the well at 1096.5m
02:45	04:15	0	plug abandon -- trip	ok	POOH w/ spear BHA (run#16) on 5.5in DP to surface. Average pulling speed 703m/hour
04:15	04:45	0	plug abandon -- other	ok	POOH w/ spear BHA (run#16), inspected and R/B same
04:45	05:00	0	plug abandon -- other	ok	Removed PS 21 and installed master bushing
05:00	05:15	0	plug abandon -- other	ok	Performed pre-job meeting for retrieve MS-T surface seal assy
05:15	06:45	0	plug abandon -- other	ok	P/U MS-T seal retrieving tool. M/U to stand and function tested tool
06:45	07:00	21	plug abandon -- other	ok	RIH w/ MS-T seal retrieving tool. Landed at 20, 5m
07:00	07:15	21	plug abandon -- other	ok	Performed pre-job meeting for retrieve MS-T surface seal assy w/ new crew
07:15	08:00	21	plug abandon -- other	ok	Attempted to engage tool by rotating 5 turns to the left with chain tongs. No go
08:00	09:00	21	plug abandon -- other	ok	Discussed forward plan, removed double from stand above retrieval tool, picked up 1.5m pup and 3m pup
09:00	09:30	0	plug abandon -- other	ok	Attempted to engage tool by rotating 5 turns to the left using chain tongs. Only able to get Approx. 1 ¼ turns
09:30	10:00	0	plug abandon -- other	ok	Rotated tool out and retrieved to surface, inspected same. Marks observed on the outside of the tool
10:00	10:30	0	plug abandon -- other	ok	Evaluated situation
10:30	12:00	0	plug abandon -- other	ok	P/U wash tool, M/U to FOSV then to double and measured in hole. Jetted BOP 1500 l/min, 8.7 Bar, 5 RPM, TQ 0-1 KNM. Function tested BOP
12:00	12:15	0	plug abandon -- other	ok	Continued to jet BOP after function test. 1500 l/min, 8.7 Bar, 5 RPM, TQ 0-1 KNM
12:15	13:00	0	plug abandon -- other	ok	B/O TDS and measured in to top of well head, M/U to TDS and jetted wellhead seal area 1500 l/min, 8.7 Bar, 5 RPM, TQ 0-1 KNM
13:00	13:30	0	plug abandon -- other	ok	POOH with wash tool and lay out same
13:30	13:45	0	interruption -- repair	ok	Repaired elevator leak. Replaced valve on same
13:45	14:00	0	plug abandon -- other	ok	Transferred MS-T seal retrieval tool to TDS and re-positioned hose spools
14:00	15:00	0	plug abandon -- other	ok	RIH with retrieval tool and attempted to engage tool by rotating 5 turns to the left. Approx. 3.5 - 3.75 turns
15:00	15:30	0	plug abandon -- other	ok	Released tool and POOH, inspected same. Marks observed on the outside of the tool
15:30	17:45	0	plug abandon -- other	ok	Contacted wellhead support organization regarding forward plan for pulling the MS-T seal. Meanwhile inspect TDS, covered electrical equipment on drill floor in preparation for deluge test. Performed deluge test on rig floor. Crane operator moved equipment to rig floor due to high wind forecast in preparation for next ops. Re-arranged link tilt arms on TDS
17:45	19:00	0	plug abandon -- other	ok	RIH and engaged by rotating the retrieval tool 3.75 turns to the left. Connected hose to pump and energize lock ring and bled off pressure. Then pressured up MS-T seal. M/U TDS and retrieved MS-T seal w/ 87T overpull observed. POOH with MS-T seal
19:00	20:30	0	plug abandon -- other	ok	Released seal assembly from tool. L/D retrieval tool
20:30	21:00	0	interruption -- waiting on weather	ok	WOW due to high winds (48knot) for crane operations. Meanwhile serviced drilling equipment and performed housekeeping. Prepared work permits for crane work in high winds
21:00	21:15	0	plug abandon -- cut	ok	P/U cutter assembly and inspected same (BHA#18)
21:15	22:00	0	plug abandon -- cut	ok	M/U to 5.5in DP stand and TDS and RIH to position cutters at 23.6m , recorded drilling parameters 300l/min - 29bar, 500l/min - 90bar, 70t up / 65t down
22:00	22:15	0	plug abandon -- cut	ok	Cut 10 3/4in surface tie back at 23.6m with 300l/m and 80 rpm 2 - 12 torque. Good sound indication of successful cut heard on surface

22:15	22:30	0	plug abandon -- cut	ok	POOH with cutter (BHA#18) from 23.6m, inspect knives, L/D BHA
22:30	23:30	0	plug abandon -- othe r	ok	P/U and M/U w/ ITCO spear (BHA#19). RIH, took up/down weights: 70t up/67t down. Engaged fish
23:30	00:00	0	plug abandon -- othe r	ok	Released spear from fish and R/B same, L/D fish

#### Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	0		drillstring downhole -- other	0	00:00	M/U wrong XO. XO broken.