

## Summary report

Wellbore: 15/9-F-12

Period: 2016-08-20 00:00 - 2016-08-21 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	7
Days Ahead/Behind (+/-):	3.3
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
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:	-999.99
Depth mTVD:	
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)

- Tagged cement plug
- Left tubing in hole
- Pulled MS-T seal
- Cut 10 3/4in tie-back csg
- Pull 10 3/4in surface csg hanger and tie-back above the cut
- Attempted to release tie-back adapter

## Summary of planned activities (24 Hours)

- Release tie-back adapter
- Pull tie-back adapter on spear
- 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	2768	plug abandon - trip	ok	M/U TDS and pumped w/ 400 l/min - 3.5 bar, 550 l/m - 5 bar. Up/down weights 202t/126t. Washed down w/ 550 l/min from 2712m to 2768m
01:00	01:30	899	plug abandon - trip	ok	Tagged cement at 2768m w/ 10t, released spear by rotating 2x turns clockwise and observed torque dropped to 6kNm then increased to 9kNm. Observed hook load dropped to 90t. RIH slowly and located top of 7in tubing 7m lower or at 2775m. Set down 10t to repeat tagging of the cement
01:30	03:15	0	plug abandon - trip	ok	Dropped drift and POOH w/ spear on 5.5in DP from 899 m to surface. Avg. tripping speed 730 m/hr Retrieved drift
03:15	03:30	0	plug abandon - other	ok	Pulled spear on surface. Inspected same, ok
03:30	03:45	0	plug abandon - other	ok	Removed PS21s and installed master bushings
03:45	04:00	0	plug abandon - other	ok	Performed Pre-job Meeting to P/U MS-T seal retrieval tool
04:00	04:15	0	plug abandon - other	ok	M/U MS-T seal retrieval tool to 1x joint and 1x pup joint of 5.5in DP
04:15	04:45	0	plug abandon - other	ok	Pulled MS-T seal retrieval tool to surface and connected control lines, function tested tool
04:45	05:00	0	plug abandon - other	ok	RIH w/ MS-T seal retrieval tool and positioned tool stem in correct space out. Meanwhile bled off 5 bar from B-annulus.
05:00	06:00	0	plug abandon - other	ok	Turned string counter clockwise using chain tongs, only able to get 1x turn. Backed out and attempted again, 1x turn only. Tried to turn w/ iron roughneck, no go
06:00	06:30	0	plug abandon - other	ok	POOH and inspected tool, no damage found, observed some minor scratches
06:30	06:45	0	plug abandon - other	ok	L/D MS-T seal retrieval tool on HTS
06:45	07:30	0	plug abandon - other	ok	P/U and M/U jetting tool assembly to 5.5in DP stand
07:30	07:45	0	plug abandon - other	ok	Jetted WH area with 2200 l/min - 60bar - 10 rpm
07:45	08:00	0	plug abandon - other	ok	L/D wash tool and R/B DP stand
08:00	08:30	0	plug abandon - other	ok	P/U MS-T retrieval tool assy
08:30	10:30	0	plug abandon - other	ok	RIH with MS-T seal retrieval tool. Rotated tool 4x turns counter clockwise to engage tool to seal. Released seal assembly w/ 80t overpull
10:30	11:15	0	plug abandon - other	ok	POOH w/ MS-T seal retrieval tool, removed seal assy. Disconnected control lines. L/D tool and landing string
11:15	11:30	0	plug abandon - other	ok	Cleaned and cleared rig floor
11:30	11:45	0	plug abandon - cut	ok	Performed Pre-job Meeting to P/U cutter BHA (run#14)
11:45	12:15	0	plug abandon - cut	ok	P/U premade cutter BHA (run#14), M/U to 5.5in DP and RIH to cutting depth of 124m
12:15	12:45	0	plug abandon - cut	ok	M/U TDS to string, checked and verified depth, filled pipe. Established parameters. 300 l/min - 30bar, 500l/min - 83bar, 100rpm, 1-5 kNm (pumps off), Weights: 73t - up, 69t - down, 70t - rotation
12:45	13:15	0	plug abandon - cut	ok	Cut 10 3/4in surface tie-back at 124m. 80rpm, 300 l/min - 30bar. Observed shock on surface indicating successful cut
13:15	13:45	0	plug abandon - cut	ok	POOH w/ cutter BHA (run#14) to surface and L/D same
13:45	14:00	0	plug abandon - cut	ok	Cleaned and cleared rig floor
14:00	14:30	0	plug abandon - other	ok	Serviced drilling equipment
14:30	14:45	0	plug abandon - other	ok	Performed Pre-job Meeting to P/U spear assembly (run#15)

14:45	15:00	0	plug abandon - other	ok	P/U spear assembly (run#15) from derrick, checked and serviced same
15:00	15:15	0	plug abandon - other	ok	RIH and latched on to 10 3/4in tie-back. Pulled free same w/ 8t overpull
15:15	16:00	0	plug abandon - equipment r ecovery	ok	R/U casing tong for 10 3/4in csg
16:00	16:30	0	plug abandon - equipment r ecovery	ok	Set slips on fish and released spear. R/B spear in derrick
16:30	16:45	0	plug abandon - equipment r ecovery	ok	Changed to BX3 elevators
16:45	17:00	0	plug abandon - equipment r ecovery	ok	Installed elevator on hanger. Broke off and L/D same
17:00	18:15	0	plug abandon - equipment r ecovery	ok	POOH 10 3/4in csg tie-back from 104m to surface
18:15	19:15	0	plug abandon - equipment r ecovery	ok	R/D casing tong. Cleaned and cleared rig floor
19:15	19:30	0	plug abandon - other	ok	Performed Pre-job Meeting to P/U torque tool BHA (run#16)
19:30	19:45	0	plug abandon - other	ok	P/U and M/U torque tool to 3m. Removed FOSV from swedge
19:45	20:30	0	plug abandon - other	ok	P/U 1x stand of 5,5in HWDP and M/U to X-over, RIH w/ 5,5in HWDP from 3m to 117m. Torqued all connections to 67500 kNm
20:30	21:00	0	plug abandon - other	ok	M/U TDS to 5,5in DP, RIH to 140m, started pumping with 1450 l/m, rotated w/ 10rpm. Jetted tie-back adapter area
21:00	21:45	0	plug abandon - other	ok	Stopped pumping and engaged to tie-back adapter at 141.5m. Attempted to back out Tie back adapter with 30k kNm, string backed out at Saver sub. M/U Saver sub to 50 kNm. Tried to break again up 40kNm, something broke below rotary table, after 2 turns measured distance travelled up of string +/-1in. Continued turning out further 4 turns, distance travelled further +/-2in. Assumed as good indication of Tie back adapter loose.
21:45	22:30	0	plug abandon - other	ok	POOH from 141,5m, visually checked all connections. When reached end of last 5,5in HWDP stand observed no BHA. The connection backed out from X-over
22:30	23:30	0	plug abandon - other	ok	RIH with 5,5in HWDP to fish BHA, from surface to 113m. M/U TDS to 5,5in DP and tagged top of fish at 138,5m. Rotate to screw into the fish, string stalled out at 6kNm
23:30	23:45	0	plug abandon - other	ok	POOH w/ BHA to surface, removed and inspect x-over, ok
23:45	00:00	0	plug abandon - other	ok	M/U to X-over. All connections M/U to 67kNm, Saver sub M/U to 50kNm. RIH to 117m

#### Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	2356		pipe handling equ sys t -- elevator	0	00:00	Loose std in Derrick, recovered std using FWD PRS and return to TDS. Hold std with AFT PRS to lower down TDS to inspect Elevator s. Elevators found to be damaged, changed out to spare set.