Summary report

Wellbore: 15/9-F-14 **Period: 2016-09-14 00:00 - 2016-09-15 00:00**

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	20
Days Ahead/Behind (+/-):	1.4
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:	140.5
Depth At Last Casing mTVD:	140.5

Summary of activities (24 Hours)

- Cut 14" casing at 878 mMD.
- Installed 14" EZSV plug above cut at 868 mMD.
- Attempted to perform injection test through cut
- Pressure tested cement in annulus between 14" and 20" casing to 31 bar
- Placed 100m balanced cement plug on top of 14" EZSV plug
- N/D BOP
- Skidded rig to well F-15 D

Summary of planned activities (24 Hours)

- Continue the following operations on F-15 D:
- N/U BOP
- Retrieve RTTS packer
- Attempt to pressure test OH to surface cement plug
- Cut 13 3/8" casing
- Install 13 3/8" EZSV plug
- Pressure test OH to surface cement plug from below

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:15	0	interruption -- repair	ok	Continued M/U 14" cutter BHA
00:15	00:30	0	interruption -- repair	ok	Removed master bushing. Installed PS-21 slips.
00:30	01:00	170	interruption -- repair	ok	RIH w/ 14" cutter BHA on 5 1/2" DP from surface to 170m. RIH restricted until BHA below 14" subsea casing hanger.
01:00	02:00	868	interruption -- repair	ok	RIH w/ 14" cutter BHA on 5 1/2" DP from 170 m to 868 m. Avg running speed 840 m/hr.
02:00	02:30	868	interruption -- repair	ok	M/U TDS and filled pipe. Recorded up/down weight 96/92 ton. Recorded paramters.
02:30	02:45	878	interruption -- repair	ok	Positioned cutter at 878m. Cut 14" casing at 878m, 450 lpm / 43 bar. Observed pressure drop in SPP, good indication of cut. Pulled up 1m with flow, observed pressure increased. RIH slowly and measured 10 cm window.
02:45	03:00	878	interruption -- repair	ok	Filled well from trip tank Flowchecked well, 12m3/hr static losses.
03:00	03:45	170	interruption -- repair	ok	POOH w/ 14" cutter BHA on 5 1/2" DP from 878 m to 170 m . Avg. pulling speed 700 m/hr.
03:45	04:00	0	interruption -- repair	ok	Continued POOH restricted until BHA at surface.
04:00	04:15	0	interruption -- repair	ok	Removed PS-21 slips. Installed master bushing
04:15	04:30	0	interruption -- repair	ok	L/D cutter BHA
04:30	05:30	0	interruption -- other	ok	P/U and M/U 14" EZSV plug. Inspected packer element.
05:30	05:45	0	interruption -- other	ok	Installed PS-21 slips.
05:45	07:00	666	interruption -- other	ok	RIH w/ 14" EZSV plug on 5 1/2" DP from surface to 666 m. Restricted running speed 2 min/std.
07:00	07:15	827	interruption -- other	ok	Continued RIH w/ 14" EZSV plug on 5 1/2" DP from 666 m to 827 m. Restricted running speed 2 min/std.
07:15	07:45	868	interruption -- other	ok	Established circulation and washed the setting area, 800 lpm. Installed 14" EZSV plug at 868 m. Load tested the plug with 5 T down weight.
07:45	08:30	868	interruption -- other	ok	B/O and R/B 1 stand. P/U and M/U pump-in sub. Stung into EZSV plug. Meanwhile: Filled well with trip tank.
08:30	09:00	868	plug abandon -- mechanical plug	ok	Performed TBT for injection test and cement job Meanwhile: Leak tested cement hose to 100 bar.
09:00	09:45	868	plug abandon -- mechanical plug	ok	Lined up and attempted to perform injection test. SPP increased immediately to 20 bar, stopped pumps. Checked line-up. Lined up to cement hose, applied 20 bar and opened lo-torqe, no pressure drop observed. Correct line-up. Bled off pressure.
09:45	11:00	868	plug abandon -- cement plug	ok	Performed 20 bar pressure test down DP/below EZSV plug from cement unit. Pressure leaked off slowly. Meanwhile: Filled hole (annulus) with trip tank pump, filled 10,61 m3. Montored well on TT, 11 m3/hr static losses. No change in pressure on cement unit.
11:00	12:00	868	plug abandon -- cement plug	ok	Applied 5 bar pressure down drill string/below EZSV from cement unit. Observed stable pressure (5 bar) for 10 min. Closed UPR and lined up to pump down kill line and monitor pressure on choke. Staged up pumps to 300 lpm / 7 bar. Increased flow to 500 lpm / 37,4 bar/10 min. Observed pressure below EZSV increased from 5 bar to 6 bar. Stopped pumping down kill line, observed pressure below EZSV dropped back to 5 bar and stable. Concluded with good leak test of cement in annulus to 31,4 bar.
12:00	12:15	866	plug abandon -- cement plug	ok	Stung out of EZSV plug and P/U 2 m.
12:15	13:30	866	plug abandon -- cement plug	ok	Lined up and pumped 10m3 wash pill, 900 lpm / 3,5 bar. Placed 100m balanced cement plug on top of EZSV: Mixed and pumped 8,2 m3 1,95sg cement slurry, 600 lpm. Displaced cement with 8,3 m3 drill water from cement unit 940 lpm / 10 bar.
13:30	13:45	866	plug abandon -- cement plug	ok	B/O and L/O pump-in sub.
13:45	14:45	700	plug abandon -- cement plug	ok	POOH to 700m. M/U pup joint with pre-loaded sponge ball. Circulated SW until clean returns (less than 30ppm oil in water concentration) at 3500 lpm / 31 bar while rotating 50 rpm / 1 - 4 kNm. Pumped totally 75 m3 of SW.
14:45	15:00	626	plug abandon -- cement plug	ok	POOH w/ EZSV RT on 5 1/2" DP from 700 m to 626 m.
15:00	15:15	626	plug abandon -- cement plug	ok	Installed master bushing.

15:15	16:30	626	plug abandon -- cement plug	ok	Installed FOSV and BOP wash tool. Jetted BOP 3 x passes at 1600 lpm / 14 bar, 60 rpm / 1 - 4 kNm. Functioned BOP rams Jetted BOP additional 3 x passes 1600 lpm / 14 bar, 60 rpm / 1 - 4 kNm. L/O BOP wash tool and FOSV.
16:30	17:00	626	plug abandon -- cement plug	ok	Installed PS-21 slips
17:00	17:30	22	plug abandon -- cement plug	ok	POOH w/ EZSV RT on 5 1/2" DP from 626 m to 22 m. Avg. pulling speed 1200 m/hr.
17:30	17:45	22	plug abandon -- cement plug	ok	Installed master bushing
17:45	18:30	0	plug abandon -- cement plug	ok	L/D EZSV RT.
18:30	19:00	0	plug abandon -- other	ok	R/D rotator and elevator. R/U diverter chains and bridle.
19:00	19:15	0	plug abandon -- other	ok	Performed TBT for N/D BOP
19:15	21:00	0	plug abandon -- other	ok	Removed master bushing Installed lifting equipment on diverter. Released bolts on slipjoint. Depressurized diverter system. Lifted diverter and slipjoint to drill floor.
21:00	21:45	0	plug abandon -- other	ok	Removed tension cylinders and disconnected BOP connector.
21:45	22:00	0	plug abandon -- other	ok	Lifted BOP with carrier and skidded over to test stump.
22:00	23:00	0	plug abandon -- other	ok	Connected lifting equipment to hi-pressure riser. Removed scaffolding in moonpool and disconnected hi-pressure riser from WH. Meanwhile: Performed pre-skidding checks prior to skidding cantilever.
23:00	23:15	0	plug abandon -- other	ok	Lifted HP riser to drill floor.
23:15	00:00	0	plug abandon -- other	ok	Installed hatches in moonpool on well F-14. Installed master bushing.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	0		service equ -- cementing unit	0	00:00	Spring from bow-centralizer on EZSV RT lost in well.