

Summary report

Wellbore: 15/9-F-14

Period: 2016-08-10 00:00 - 2016-08-11 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	12
Days Ahead/Behind (+/-):	3.7
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)

- Milled 10 3/4in subsea csg hanger
- Dressed off 10 3/4in csg stump
- Cut 10 3/4in csg at 915m
- Released spear and attempted to pull out through milled 10 3/4in subsea csg hanger
- Run back, set spear inside 10 3/4in csg, POOH w/ 10 3/4in csg on spear

Summary of planned activities (24 Hours)

- Modify spear BHA and include string stab on top of spear
- Set spear inside 10 3/4in csg and RIH
- Release spear, pull spear, DP, cutter
- RIH w/ spear and pull 10 3/4in csg to surface
- Pull 10 3/4in csg
- M/U combined cutter/EZSV assembly

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	0	plug abandon -- mill	ok	Continued milling 10 3/4in subsea csg hanger. 1970l/min, 9bar, 80-120rpm, 5-13kNm, 1-8t WOB. Heard sound and observed loss of WOB indicating casing parted from hanger. Total of 27cm milled.
00:45	01:00	0	plug abandon -- mill	ok	Passed up/down several times through hanger area with and without rotation. Max 4t overpull without rotation. Tagged casing stump at 141,84m w/ 4t.
01:00	02:45	0	plug abandon -- mill	ok	Dressed off top of casing from 141,84m to 141,91m (7cm). Parameters: 1970l/min, 80-120rpm, 5-13kNm, WOB 1-6t
02:45	03:00	0	plug abandon -- mill	ok	Circulated 2x BU 3000l/min - 23bar
03:00	03:15	0	plug abandon -- mill	ok	L/D 1x DP single
03:15	03:45	0	plug abandon -- mill	ok	Performed drops inspection and service on TDS. Observed loss in TT of +/- .8m3/hour. Inspected and confirmed no leak on surface
03:45	05:15	0	plug abandon -- mill	ok	Continued monitoring well on TT while discussing way forward. Meanwhile TBT for POOH. Constant loss rate of 0,8m3/hour
05:15	06:15	0	plug abandon -- mill	ok	POOH w/ milling BHA to surface. Losses decreased to +/- 0,4m3/hour while POOH
06:15	07:00	0	plug abandon -- mill	ok	L/D milling BHA. Inspected magnet. Very fine swarf observed, not possible to weigh. Loss rate less than 0,1m3/hour
07:00	07:15	0	plug abandon -- mill	ok	Cleaned and cleared rig floor
07:15	07:30	0	plug abandon -- cut	ok	Performed Pre-job Meeting to P/U cutting assembly
07:30	09:15	0	plug abandon -- cut	ok	M/U cutting assembly
09:15	09:30	0	plug abandon -- cut	ok	Installed PS21
09:30	10:30	0	plug abandon -- cut	ok	RIH with cutting assy from 16M on 5,5in DP to 767M
10:30	12:45	0	plug abandon -- cut	ok	LD 1x DP single. M/U spear assy. Removed PS21, installed master bushing. Inspected and greased up spear. RIH 1x stand of DC
12:45	13:30	0	plug abandon -- cut	ok	RIH from 821m to 900m on DP. Filled string. Up/down weights 106t/100t. RIH to 918.9m
13:30	14:30	0	plug abandon -- cut	ok	Pulled up to 170t on hook load (10 ton overpull) in order to engage spear inside 10 3/4in csg and put casing in tension. Started cutting casing: 1700l/min - 92 bar, 1800l/min - 97 bar, 1900l/min - 101 bar, 2000l/min - 104 bar. Pulled up to 187t on hook load (25t overpull). Increased to 2200l/min - 124 bar. Casing cut at 915,2m
14:30	14:45	0	plug abandon -- cut	ok	Pulled up through 10 3/4 hanger with 10 3/4in casing, ok to pass. RIH back, released spear from 10 3/4in casing fish
14:45	18:00	0	interruption -- repair	ok	Pulled free of fish, hung up with grapple at 139,4m through hanger. Troubleshoot to get through. Attempted to pull with max 10 ton overpull - no success. Pulled up slowly and rotate to the right - no success. Tried to rotate to the left and pull - no success. Pulled and pumped with 200l/min - 4 bar, pressure increased to 30bar when took weight at 139,4m. RIH and engaged spear inside 10 3/4in csg, pulled same through the hanger - ok. Rotated it 4.5 turns to the left (2-3k torque) to reposition casing fish inside the well. Landed fish in the well and released spear. Attempted to pull spear through hanger - no success. Pulled up total of 3,4m from top of csg stump at 141,9m
18:00	21:30	0	interruption -- repair	ok	Evaluated situation. Discussed w/ onshore organisation. Meanwhile manufacturing c-plate to be able to hang off weight of the inner string. Decided way forward: - pull csg fish on spear - release spear from fish - install string stab above spear - engage spear on surface, RIH fish on spear - release spear, POOH
21:30	21:45	0	interruption -- repair	ok	Performed Pre-job Meeting to pull out fish on spear to surface
21:45	23:00	0	interruption -- repair	ok	Engaged spear to fish. POOH fish slowly. Top of fish hang up in hanger area. Rotated string 180 deg left, pulled up. Went through When POOH observed overpull spikes on weight indicator several times. Max spike value of 40t

23:00	00:00	0	interruption -- repair	ok	R/B 1x stand of DC, L/D bumper sub and string stab
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