

## Summary report

Wellbore: 15/9-F-15

Period: 2008-12-07 00:00 - 2008-12-08 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	64
Days Ahead/Behind (+/-):	25.5
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2008-10-24 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:	2008-12-11

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia ():	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.5
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	4090
Depth mTVD:	3178
Plug Back Depth mMD:	1437
Depth at formation strength mMD:	1381
Depth At Formation Strength mTVD:	1349
Depth At Last Casing mMD:	1368.4
Depth At Last Casing mTVD:	1340.4

### Summary of activities (24 Hours)

None

### Summary of planned activities (24 Hours)

None

### Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:15	1422	plug abndon -- cut	ok	RIH with 9 5/8" casing cutter on 5 1/2 DP from 1250 m MD to 1422 m MD. Filled pipe with 1,44 OBM every 500 m. Tripping speed 688 m/hr.
00:15	00:30	1422	plug abndon -- cut	ok	Made up TDP to drillstring. Loacted cutter at planned depth of 1422 m MD. Took up/down weights 100/96 MT. Recorded free rotating torque 4 kNm.
00:30	01:00	1422	plug abndon -- cut	ok	Filled pipe pumping at 500 lpm. Obtained pump benchmark for cutting casing 500 lpm / SPP 59 bar, stopped pumps. Started rotation with 120 rpm. Started circulation at 500 lpm. Observer to rque buildingup to 5-11 kNm indicating effective cutting. Noticed small shock in derrick after 2,5 min of cutting indicating successful cut. Stopped rotation. Increased pump rate to 900 lpm / 55 bar - good indication. Picked up 2,5 m above cut. Came down while pumping at 400 lpm, observed sudden pressure drop as prescribed when passing cut at 1422 m MD. Stopped pumping. Marked pipe and tagged top of cut casing 0,25 m below (cut gap).
01:00	01:30	1422	plug abndon -- cut	ok	Closed annular and lined up to choke. Observed for pressure bulid up for 10 min - none observed. Opened annular and flowchecked well for 15 min - well static.
01:30	02:00	1422	plug abndon -- cut	ok	Pumped 3 m3 1,67 sg slug. Allowed mud levels to settle.
02:00	04:00	0	plug abndon -- cut	ok	POOH with 9 5/8" casing cutter on 5 1/2 DP from 1422 m MD to surface. Tripping speed 711 m hr.
04:00	04:30	0	plug abndon -- cut	ok	Removed autoslips from rotary. Installed masterbushing and bowls. Broke out Smith 9 5/8" casing cutter. Installed handling sub and laid out assy.
04:30	04:45	0	plug abndon -- cut	ok	Cleaned and tidied drillfloor for safety.
04:45	05:00	0	plug abndon -- cut	ok	Held toolbox talk for picking up 10 3/4" bowen spear.
05:00	05:30	15	plug abndon -- cut	ok	Picked up and hung off packoff tool. Picked up and made up 10 3/4" Bowen spear and bumper sub. Set grapple to catch and secured same with duct tape.
05:30	06:00	15	plug abndon -- cut	ok	Changed die carriers and dies in IR.
06:00	07:00	25	plug abndon -- cut	ok	Changed dies in IR. Picked up and made up single 8 1/4" DC.
07:00	07:15	25	plug abndon -- cut	ok	Held toolbox talk / handover meeting.
07:15	08:30	129	plug abndon -- cut	ok	RIH with 10 3/4" Bowen spear on 8 1/4" DC / 5 1/2" HWDP from 25 m to 129 m MD.
08:30	08:45	153	plug abndon -- cut	ok	Made up TDS to 5 1/2" HWDP. RIH to 153 m MD and landed stop ring in 10 3/4" wearbushing at 140 m MD. Engaged spear in 10 3/4" casing according to Smith instructions.
08:45	09:00	1420	plug abndon -- cut	ok	Released casing with 168 MT weight. Picked up 2 m and confirmed 9 5/8" casing free.
09:00	11:15	1420	plug abndon -- cut	ok	Staged up pumps to 2000 lpm / SPP 24-28 bar and circulated annulus clean. Observed little solids on shakers and good condition of mud returns. Circulated 1,5 times bottoms up.
11:15	11:30	1420	plug abndon -- cut	ok	Held toolbox talk for pulling 9 5/8" casing. Had problem with PRS flush joint elevator.
11:30	11:45	1420	interrupter -- other	ok	Troubleshoot problem with PRS elevator.
11:45	13:00	1305	plug abndon -- cut	ok	POOH with 9 5/8" casing on spear/landing string from 1420 m to 1305 m MD.
13:00	14:00	1305	plug abndon -- cut	ok	Installed 6 3/8" reg x 5 1/2" VemEIS x-over on last 8 1/4" DC in landing string. Installed 5 1/2" HWDP single for racking purposes. Pulled 10 3/4" casing hanger to surface and hung off in RT on 9 5/8" pup joint.
14:00	14:30	1277	plug abndon -- cut	ok	Released 10 3/4" Bowen spear and pulled out of casing. Removed wearbushing using slings and tugger. Re-engaged spear in 10 3/4" casing hanger. Picked up 3 m and hung off casing hanger on 1st full 9 5/8" casing joint, i.e. approx 5 m stick-up.

14:30	16:15	1277	plug aban don -- cut	ok	Disengaged spear, removed and suspended in PRS. Rigged up Odfjell casing tong. Prepared PS-30 slips.
16:15	17:15	1277	plug aban don -- cut	ok	Slung up 10 3/4" casing hanger assy. Broke casing connection and laid down hanger assy using tugger. Changed to 9 5/8" segment in BX elevator.
17:15	17:45	1277	plug aban don -- cut	ok	Made up 9 5/8" swage to 9 5/8" casing. Pumped 5 m3 1,67 sg slug and chased to drillfloor. Broke swage.
17:45	18:30	1277	plug aban don -- cut	ok	Removed masterbushing and installed PS-30 in RT.
18:30	20:30	1121	plug aban don -- cut	ok	POOH with 9 5/8" 53,5# C95 casing from 1277 m to 1121 m MD. Pulling speed 7 jnts/hr. Had problems with HTS tailing arm and casing tong.
20:30	21:00	1121	interruption -- other	ok	Troubleshoot hydraulics for casing tong. Troubleshoot HTS tailing arm.
21:00	00:00	707	plug aban don -- cut	ok	POOH with 9 5/8" 53,5# C95 casing from 1121 m to 707 m MD. Breakout torque in 30 000 ft lbs range. Pulling speed 11 jts/hr.

#### Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	1121		pipe handling equ syst -- other	0	00:00	Got problems with hydraulic system and tailing arm
00:00	1420		pipe handling equ syst -- vertical pipe handling equ syst	0	00:00	Problems with PRS flush joint elevator.