

Summary report

Wellbore: 15/9-F-14

Period: 2016-09-12 00:00 - 2016-09-13 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	18
Days Ahead/Behind (+/-):	
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 (I):	
Pressure (I):	
Date Well Complete:	2008-06-15

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

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)

- Retrieved RTTS packer from 142 m.
- Installed 14" EZSV at 892m
- Pumped SW until stable SPP
- Pumped 15 m3 brine
- Squeezed cement on 20" casing shoe
- WOC

Summary of planned activities (24 Hours)

- WOC. Meanwhile: Punch 14" below casing hanger
- Place cement in annulus above cut at 902m
- WOC

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	0	plug abandon -- other	ok	Continued installing tension cylinders.
00:45	01:15	0	plug abandon -- other	ok	Removed master bushing. Installed slip joint
01:15	01:45	0	plug abandon -- other	ok	Installed master bushing. M/U nuts on slipjoint. Meanwhile: Prepared to install diverter.
01:45	02:15	0	plug abandon -- other	ok	Removed master bushing Installed diverter
02:15	02:45	0	plug abandon -- other	ok	R/D lifting equipment for diverter. Installed BX-4 elevator.
02:45	03:00	0	plug abandon -- other	ok	Pressurized BOP control system.
03:00	03:15	0	plug abandon -- other	ok	Filled riser, BOP and diverter with clean SW from trip tank.
03:15	03:30	0	plug abandon -- other	ok	Performed TBT for connector test
03:30	04:30	0	plug abandon -- other	ok	Attempted to pressure test BOP connector to 20/90 bar for 5/10min. Leakage observed on DHSV control line port on WH. Closed needle valve on DHSV control line port and installed blind plug.
04:30	05:00	0	plug abandon -- other	ok	Performed BOP connector test to 20/90 bar for 5/10min.
05:00	05:30	0	plug abandon -- mechanical plug	ok	P/U RTTS RT. Inspected and serviced tool.
05:30	05:45	134.5	plug abandon -- other	ok	RIH w/ RTTS RT on 5 1/2" DP from surface to 134,5 m.
05:45	06:15	134.5	plug abandon -- other	ok	Closed annular preventer. Attempted to take up/down weight, not enough weight of DP to strip through annular. Opened annular preventer.
06:15	07:00	134.5	plug abandon -- mechanical plug	ok	Attempted to sting into RTTS while pumping 90 lpm. No pressure increase observed.
07:00	07:15	134.5	plug abandon -- mechanical plug	ok	Increased flow rate to 150 lpm. Stung into RTTS packer and M/U 20 turns / 2500 Nm. No pressure in string observed.
07:15	07:45	246	plug abandon -- mechanical plug	ok	Closed annular preventer and lined up to monitor pressure. Released RTTS packer, 25 ton OP. No pressure observed below RTTS packer. Opened annular preventer. Losses 13 m3/hr static.
07:45	08:15	111	plug abandon -- other	ok	POOH w/ RTTS packer on 5 1/2" DP from 134 m to 111m.
08:15	09:00	111	plug abandon -- mechanical plug	ok	M/U lift sub and L/D the RTTS packer and RT.
09:00	09:15	111	plug abandon -- other	ok	Changed handling equipment for handling 6 3/4" DC.
09:15	10:00	83	plug abandon -- other	ok	L/O singles 6 3/4" DC while POOH from 111 m to 83 m.
10:00	10:15	83	plug abandon -- other	ok	Changed handling equipment for handling 8 1/2" DC.
10:15	12:00	0	plug abandon -- other	ok	L/O singles 8 1/2" DC while POOH from 83 m to surface.
12:00	12:45	6	plug abandon -- mechanical plug	ok	P/U 14" EZSV plug and pup. M/U BHA.
12:45	13:00	84	plug abandon -- other	ok	RIH w/ 14" EZSV plug on 5 1/2" DP from 6 m to 84 m. Restricted running speed 2 min/std.
13:00	13:30	84	plug abandon -- other	ok	Removed master bushing. Installed PS-21 slips.
13:30	15:00	866	plug abandon -- other	ok	Continued RIH w/ 14" EZSV plug on 5 1/2" DP from 84 m to 866 m. Restricted running speed 2 min/std
15:00	15:15	866	plug abandon -- other	ok	Pulled PS-21 slips. Installed master bushing.
15:15	15:30	866	plug abandon -- other	ok	Performed TBT for pumping brine and cement.
15:30	15:45	891	plug abandon -- other	ok	RIH w/ 14" EZSV plug on 5 1/2" DP from 866 m to 891 m. Restricted running speed 2 min/std
15:45	16:30	892	plug abandon -- mechanical plug	ok	Took up/down weight 96/90 ton. Set 14" EZSV plug at 892 m. Tagged EZSV w/ 5 ton. Meanwhile: Lined up for pumping brine.
16:30	17:00	892	plug abandon -- other	ok	L/D single 5 1/2" DP. P/U and M/U 1,5m pup joint and pump-in sub. M/U cement hose and lo-torque valve.
17:00	17:15	892	plug abandon -- other	ok	Leak tested from cement unit against lo-torque on pump-in sub to 100 bar.
17:15	18:45	892	plug abandon -- other	ok	Closed UPR and staged up pumps. 200 lpm / 3 bar, 300 lpm / 7 bar, 500 lpm / 36 bar. At 750 lpm the SPP increased to 81 bar, then dropped to 41 bar. SPP slowly increased to 60 bar and remained stable between 58 bar and 60 bar.
18:45	19:00	892	plug abandon -- other	ok	Pumped 15 m3 1,36sg CaCl2 brine at 750 lpm / 61 bar. SPP decreased gradually to 37 bar at the end.

19:00	19:15	892	plug abandon -- other	ok	Displaced brine by pumping 11,2 m3 of SW at 750 lpm / 37 bar. SPP increased gradually to 48 bar at the end. Stopped pumping
19:15	19:30	892	plug abandon -- other	ok	Monitored for pressure build up. SPP 4,6 bar after shutting down pumps. Bled off to trip tank. No increase in TT observed.
19:30	20:00	892	plug abandon -- other	ok	Evaluated pressure trends. Loss zone above 14" casing cut.
20:00	20:15	892	plug abandon -- cement plug	ok	Performed TBT for cement job.
20:15	20:30	892	plug abandon -- cement plug	ok	Prepared for cement job on drill floor and pump room.
20:30	21:00	892	plug abandon -- cement plug	ok	Pumped 20 m3 wash pill at 750 lpm. SPP increased to 78 bar. Decreased flow rate to 660 lpm, pressure stabilized at 75 bar.
21:00	22:00	892	plug abandon -- cement plug	ok	Stopped pumps and observed 17 bar back pressure. Evaluated situation. Back pressure indicated heavy fluid moving upwards in annulus.
22:00	23:00	892	plug abandon -- cement plug	ok	Pumped SW down drillstring, taking returns through choke into pit. Pumped 11 m3 SW before observing returns. After returns, pumped with 600 lpm / 11,9 bar. 66% return.
23:00	23:15	892	plug abandon -- cement plug	ok	Closed choke and IBOP. Applied 20 bar behind IBOP. Applied 20 bar from cement unit to lo-torque on pump-in sub. Opened lo-torque and confirmed line-up.
23:15	00:00	892	plug abandon -- squeeze	ok	Mixed and pumped 14m3 1,95sg cement slurry at 600 lpm. Added well life 10kg/m3. Displaced cement with 12,2 m3 SW at 750 lpm from cement unit.