

Summary report

Wellbore: 15/9-F-12

Period: 2007-08-29 00:00 - 2007-08-30 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	78
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
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:	3520
Depth mTVD:	3106.6
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)

Clean surface equipment prior to pump soap train. Pumped soap train. Inflow tested well over the trip tank. Pressure tested the well to 345 bars with treated sea water.

Summary of planned activities (24 Hours)

Displaced well to treated sea water below stable NTU. POOH with clean out assy. Prepare for RIH with 9 5/8"/10 3/4" casing.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	3457	drilling -- casing	ok	M/U to TDS, confirmed depth with tally. Pumped 1196 lpm / 120 bars, 2016 lpm / 260 bars and 2120 lpm / 289 bars, at 40 rpm. Scraped from 3427m to 3457m bit depth = 2970m to 3000m scraper depth. Up/Down weight 174/139 MT.
01:00	01:30	3473.8	drilling -- casing	ok	Continued RIH from 3457m and tagged top of 9 5/8" PBR at 2405.5 m (3473.8m bit depth). Picked back rotated string at 50 rpm - 50 spm - 92 bars and 11-14 kNm. Slacked off slowly w/ 50 RPM with the Top Dress Mill assembly and set down 1-2 tonn on top of the PBR for a few minutes. Pulled out of the PBR with rotation.
01:30	01:45	3468	drilling -- casing	ok	Pulled bottom of polish mill 5 meter above liner top and reciprocated the string while conditioning the mud 40 rpm, 96 spm(2100lpm), 291 bars,
01:45	04:45	3468	drilling -- casing	ok	Sheared MFCT by setting down 24 MT on PBR with top dress mill. Opened the circulation ports. Established circulation of 191 spm(4200lpm) 230 bars, 40 rpm, 9 kNm kept 6.8 MT d own weight.
04:45	05:00	3468	drilling -- casing	ok	Held tool box talk prior to clean out services lines.
05:00	06:00	3468	drilling -- casing	ok	Commenced cleaning of surface equipment with Base oil then soap pil.
06:00	12:15	3474	drilling -- casing	ok	Continued cleaning of surface equipment. Meanwhile injected slops.
12:15	12:45	3474	drilling -- casing	ok	Filled sandtraps with base oil from pit # 10 & circulated through lines in shakers with base oil.
12:45	15:00	3474	drilling -- casing	ok	Mixed soap pill in pit # 10, flushed soap pill through all possible surface lines at maximum rate of 4000 lpm.
15:00	19:00	3474	drilling -- casing	ok	Held tool box talk prior to prepare fluid used for well clean out. Prepared treated SW, pills and cleaned pits. Meanwhile closed bag and opened piperam. Pulled up +/- 1m to close MFC T.
19:00	21:45	3474	drilling -- casing	ok	Prepared seawater pre-mix prior to displacement.
21:45	00:00	3474	drilling -- casing	ok	Started displacing well with soap train to MFCT at 1000 lpm up chokeline. When pill at bit DP pressure reading:230 bars.

Drilling Fluid

Sample Time	22:00
Sample Point	Active pit
Sample Depth mMD	3457
Fluid Type	OBM-Standard
Fluid Density (g/cm3)	1.4
Funnel Visc (s)	-999.99
Mf (°)	
Pm (°)	
Pm filtrate (°)	
Chloride (°)	
Calcium (°)	
Magnesium (°)	
Ph	
Excess Lime (°)	
Solids	
Sand (°)	
Water (°)	
Oil (°)	
Solids (°)	
Corrected solids (°)	
High gravity solids (°)	
Low gravity solids (°)	
Viscometer tests	
Plastic visc. (mPa.s)	29
Yield point (Pa)	10

Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT (degC)	120
Comment	