

Summary report

Wellbore: 15/9-F-12

Period: 2007-07-14 00:00 - 2007-07-15 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	32
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 (I):	
Pressure (I):	
Date Well Complete:	2007-08-26

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	26
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.2
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1369
Depth mTVD:	0
Plug Back Depth mMD:	
Depth at formation strength mMD:	251
Depth At Formation Strength mTVD:	251
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

Summary of activities (24 Hours)

Attached DCI frame to 18 3/4" Subsea well head. Ran in and landed off 18 3/4" Subsea well head. Took overpull of 25 MT. 20" CSG shoe at 1357m. Cemented 20" CSG 238.5 m³ 1.56 SG lead slurry and 20 m³ tail. Bumped plug at 9370 stks. Released CART and pulled out of water w/ CART.

Summary of planned activities (24 Hours)

LD/ 26" BHA, and 20" CSG equipment. Prepared for running HPDR and run same.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	1203	drilling -- casing	ok	Broke out 18 3/4" Subsea well head and inspected threads. Positioned 18 3/4" Subsea well head vertical and made up same.
00:45	01:15	1203	drilling -- casing	ok	Orientated DCI inlet on 18 3/4" Subsea well head, within 90° - 45° to port side pointing east.
01:15	02:00	1222	drilling -- casing	ok	Removed RT bushing ran 18 3/4" Subsea well head below RT. Installed bushing and 5½" slips. Landed 18 3/4" Subsea well head.
02:00	03:15	1222	drilling -- casing	ok	R/D 20" CSG tong. Re-established Iron roughneck.
03:15	03:30	1222	drilling -- casing	ok	Held tool box meeting prior to run in with the 18 3/4" Subsea well head on 5½" HWDP.
03:30	05:00	1246	drilling -- casing	ok	Ran in with 20" CSG and 18 3/4" Subsea well head. Positioned DCI inlet on 18 3/4" Subsea well head below celler deck.
05:00	05:15	1246	drilling -- casing	ok	Held tool box meeting prior to make up DCI frame on to 18 3/4" Subsea well head.
05:15	06:00	1246	drilling -- casing	ok	Started to attach DCI frame on to 18 3/4" Subsea well head.
06:00	09:00	1246	drilling -- casing	ok	Attached DCI frame to 18 3/4" Subsea well head, had to re-align DCI inlet. Installed check sub.
09:00	10:45	1246	drilling -- casing	ok	Picked up CSG string 0.5m weighth 250 MT. Pressure tested DCI frame on 18 3/4" Subsea well head to 3000 psi as per Vetco procedure.
10:45	11:15	1246	drilling -- casing	ok	Re-orientated DCI frame on 18 3/4" Subsea well head.
11:15	11:45	1246	drilling -- casing	ok	Dismantled scaffolding below cellar deck, to be able to run DCI frame through.
11:45	12:30	1262	drilling -- casing	ok	Picked up 2 jnt HWDP from cantilever and RIH with landing string.
12:30	13:00	1262	drilling -- casing	ok	Problem with HTS software. Investigated same
13:00	14:15	1324	drilling -- casing	ok	RIH w/ landing string F/1262m T/1324m. Took up/down weight 230/190 MT prior to land 18 3/4" Subsea well head.
14:15	14:30	1324	drilling -- casing	ok	Orientated DCI frame on 18 3/4" Subsea well head using the ROV.
14:30	14:45	1357	drilling -- casing	ok	Landed off 18 3/4" Subsea well head and took 25 MT overpull. Kept 3 MT overpull on landing string.
14:45	15:45	1357	drilling -- casing	ok	Held tool box talk prior to pick up cmt head. Picked up cmt head and made up same.
15:45	16:30	1357	drilling -- casing	ok	Held tool box talk prior to pick up and make up cmt hose. Picked up cmt hose and made up same.
16:30	17:45	1357	drilling -- casing	ok	Held tool box talk prior to perform cmt job. Simultaneously established circulation w/ SW picked up rate in steps F/1340 lpm T/2300 lpm.
17:45	22:30	1357	drilling -- casing	ok	Mixed and performed cmt job. Pumped : 238.5 m³ 1.56 SG lead slurry at 900 - 1100 lpm, 25 - 35 bars pump pressure. 20 m³ 1.92 SG tail slurry at 800 - 1000 lpm, 20 - 30 bars pump pressure.
22:30	00:00	1357	drilling -- casing	ok	Released dart, chased dart with SW at 3000 lpm, FCP 56 bars. At 9370 stks bumped plug increased pressure to 96 bars. 96,7 % pump efficiency.

Drilling Fluid

Sample Time	03:00	20:30
Sample Point	Reserve pit	Reserve pit
Sample Depth mMD	1369	-999.99
Fluid Type	HPWBM	HPWBM
Fluid Density (g/cm3)	1.35	1.35
Funnel Visc (s)	-999.99	-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)	-999.99	41
Yield point (Pa)	-999.99	16.5
Filtration tests		
Pm filtrate ( )		
Filtrate Lthp ( )		
Filtrate Hthp ( )		
Cake thickn API ( )		
Cake thickn HPHT ( )		
Test Temp HPHT ( )		
Comment		

Casing Liner Tubing

Start Time	17:00
End Time	18:30
Type of Pipe	Casing
Casing Type	Top
Outside diameter (in)	20
Inside diameter (in)	18.73
Weight (lbm/ft)	133
Grade	N-80
Connection	AntaresER
Length (m)	1212
Top mMD	145
Bottom mMD	1357
Description	26" Motor BHA
Comment	