Summary report

Wellbore: 15/9-F-11 **Period: 2013-03-13 00:00 - 2013-03-14 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	7
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-03-07 17:30
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	36
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	208
Depth mTVD:	208
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	202.3
Depth At Last Casing mTVD:	202

Summary of activities (24 Hours)

M/U and run 30" conductor to setting depth and cemented same inplace.
Next 24 hrs: Wait on cement to ca. 14:00hrs 14/3/13. Subject to confirmation that cement slurry surface samples have set up, retrieve and lay down 30" conductor running tool. Prepare to commence drilling 26" hole section.

Summary of planned activities (24 Hours)

Cement 30" conductor in place. Wait on cement (programmed for 12 hrs period from completion of cement displacement).

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	10	interruption -- repair	ok	P/U first 30" intermediate joint and M/U same to 30" conductor shoe. Attempted to run in with 30" conductor. RIH connector 33.17" OD conductor stood up on Weatherford bushing in auto slips (32,5" ID). Evaluated situation and planned forward operation. Held toolbox talk with relevant personel due to changes in sequence of 30" conductor running operation.
00:30	01:00	12	interruption -- repair	ok	Removed half moon bushing in Weatherford auto slips and run intermediate 30" joint connector below rotary table. Re-installed bushing and set conductor in auto slips.
01:00	01:30	14	drilling -- casing	ok	Run 30" conductor to 14 m. Unable to pass weather deck split hatch.
01:30	02:00	14	interruption -- repair	ok	Raised permit and conducted toolbox talk. Removed weather deck split hatch.
02:00	02:30	24	interruption -- repair	ok	Removed bushing in Weatherford auto slips. Run 30" connector below rotary table to 24 m and re-installed bushing.
02:30	03:00	36	drilling -- casing	ok	M/U second 30" intermediate conductor joint. RIH 30" conductor from 24 m to 28 m. Flushed conductor with SW to function test floatshoe. RIH 30" conductor from 24 m to 36 m. At 02:51 hrs informed production 30" conductor shoe below centralizer deck and that production could start up on well F-14. Meanwhile ROV performed template survey.
03:00	04:30	47	interruption -- repair	ok	Picked up and made up 30" conductor x-over joint. Removed half moon bushing in Weatherford auto slips and run 30" connector below rotary table. Re-installed bushing and set conductor in auto slips.
04:30	05:00	47	drilling -- casing	ok	Held pre-job meeting. Changed over handling equipment to 5 1/2" elevator.
05:00	06:00	47	drilling -- casing	ok	Held pre-job meeting. P/U 30" conductor housing on 5 1/2" handling tool.
06:00	07:00	47	drilling -- casing	ok	R/U handling equipment for making up 30" conductor well head housing.
07:00	09:00	47	drilling -- casing	ok	Held pre-job meeting. M/U 30" conductor housing with belt tong to 49 KNm and installed anti rotation locks and pins on same.
09:00	09:30	51	interruption -- repair	ok	Removed half moon bushing in Weatherford auto slips and run connection between x-over joint and 30" connector housing below rotary table to 51 m. Re-installed bushing.
09:30	10:30	61	drilling -- casing	ok	Ran down 30" conductor from 51 m through splash zone (MSL at ca. 54 m) to 61 m and filled 30" conductor with seawater. Observed significant movement of string (3 m significant wave hight). Evaluated situation - decision made to pull back above splash zone.
10:30	11:00	52	drilling -- casing	ok	Held Time Out For Safety meeting (TOFS). Checked with town connection OK. Formulated plan to limit time 30" conductor in splash zone to 52 m.
11:00	13:00	52	drilling -- other	ok	Removed 30" conductor lift tool on PRS. P/U 30" conductor running tool, installed 2" conductor fill up valve and inclinometer. M/U 3 doubles of fiberglass cement inner string and set back same in setdown area. Meanwhile: monitoring weather conditions. Sea Hz (m) / Sea max (m) 11:00 3.0 4.8 12:00 2.4 4.0 13:00 2.4 3.9
13:00	16:00	66	drilling -- casing	ok	Held pre-job meeting and observed seastate improved and safe to RIH 30" conductor through splash zone. Run 30" conductor down through splash zone from 52 m to 66 m continuosly observing proximity of 30" conductor string to adjacent production risers with ROV, 30" conductor did not make contact with same at any time. Filled 30" conductor with seawater.
16:00	16:30	62	drilling -- other	ok	R/U C-plate for inner cementing string on top of 30" conductor housing and secured same. P/U and run fiberglass innerstring and secured in C-plate.
16:30	17:00	62	drilling -- casing	ok	P/U 30" conductor running tool and M/U same to cementing innerstring. Removed C-plate and M/U 30" conductor running tool to 30" conductor housing. ROV engineer turned on inclinometer and checked same. Confirmed conductor fill-up ball valve open. Painted "anti rotation" rotation line on running tool and conductor housing.
17:00	19:00	62	drilling -- casing	ok	Picked up and removed 30" bowls. Installed battery in inclinometer and attempted to run through rotary. Snapped off 2" fill up valve. Evaluated situation and decided to installed handle on 2" fill up valve at moon pool level.
19:00	20:00	143	drilling -- casing	ok	Run 30" conductor on 5 1/2" HWDP dedicated landing string from 93 m to above F-11 template funnel at 143 m.
20:00	21:00	202	drilling -- casing	ok	Stabbed 30" conductor shoe into F-11 template funnel with ROV assistance. Held pre-job meeting evaluating risk of running in open hole riserless. Recorded Recorded Up/Down wt. 106/100 MT. RIH 30" conductor from 143 m to 36" TD at 202 m, recorded Up/Down weight 102/97 MT.
21:00	22:00	202	drilling -- casing	ok	Broke circulation and observed with ROV seawater returns through 2" fill up valve on running tool, 400 lpm, 5 bar and closed same with ROV. ROV removed plug from F-12 30" conductor housing annulus cement return hole and verified F-11 setting depth. Digiquartz readings: F-12(m) F-11(m) / Inclinometer: roll / pitch 86.887 86.832 0.02/0.10 86.835 86.842 0.01/0.11 86.872 86.828 0.03/0.12
22:00	23:00	202	drilling -- other	ok	Circulated 2.5 bottoms up with seawater, 2500 lpm, 15 bar. Meanwhile: Prepared for cementing operations
23:00	23:30	202	drilling -- other	ok	Held pre-job meeting with all involved personel prior to cement job. Notified production control room and engine room of up comming cement job. Meanwhile circulated 3 bottoms up, 2500 lpm, 15 bar.

23:30	00:00	202	drilling -- other	ok	Flushed cement line and verified cement line up with 20 bar. Leak tested cement line 100 bar / 5 min. Meanwhile: ROV positioned to observe top of 30" conductor housing and returns at seabed.

Drilling Fluid

Sample Time	10:00	20:00
Sample Point	Reserve pit	Active pit
Sample Depth mMD	207	165
Fluid Type	Spud Mud	Spud mud
Fluid Density (g/cm3)	1.4	1.03
Funnel Visc (s)	100	120
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	-999.99
Yield point (Pa)	-999.99	-999.99
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT ()		
Comment		

Casing Liner Tubing

Start Time						
End Time						
Type of Pipe	Casing	Casing	Casing	Casing	Casing	Casing
Casing Type						
Outside diameter (in)	30	30	30	30	30	30
Inside diameter (in)	27		28	28	27	27
Weight (lbm/ft)	457	309.7	309.7	309.7	457	457
Grade	X-56	X-52	X-52	X-52	X-56	X-56
Connection	GE Vetco RL-4 HC DS	ST-2RB	ABB ST-2 FB	ABB ST-2 FB	GE Vetco RL-4 HC DS	GE Vetco RL-4 HC DS
Length (m)	25.4	36.5	12.6	24.4	12.3	12.9
Top mMD	140.1	165.5	189.7	165.3	153	140.1
Bottom mMD	165.5	202	202.3	189.7	165.3	153
Description						
Comment						