

Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-04-24 00:00 - 2013-04-25 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	50
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:	2013-05-09

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.55
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	2574
Depth mTVD:	2442
Plug Back Depth mMD:	
Depth at formation strength mMD:	1358
Depth At Formation Strength mTVD:	1334
Depth At Last Casing mMD:	1357.7
Depth At Last Casing mTVD:	1334

Summary of activities (24 Hours)

RIH and landed 14" casing, shoe at 2570.68 m. Circulated 1.5 B/U and cemented 14" casing inplace.

Summary of planned activities (24 Hours)

Set and test seal assembly. Release hanger running tool, POOH and L/O same. RIH wearbushing and test BOPs.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:30	2424	drilling -- casing	ok	RIH 14" 169.65 kg/m csg from 2133 m to 2424 m filling every joint with 1.42 sg OBM. Recorded Up/Dw weight 430/320 MT. Average running speed 8 jts/hr.
03:30	05:00	2424	drilling -- casing	ok	Changed to 5 1/2" handling equipment.
05:00	06:00	2424	drilling -- casing	ok	P/U and MU 14" casing hanger. Attempted to pick up 14" casing hanger and RIH. Observed draw work drum pay out.
06:00	11:00	2433	interruption -- repair	ok	Troubleshoot drawwork failure. Meanwhile: Removed auto slips and lowered 14" casing hanger below rotary in a controlled sequence, Up/Dw weight 430/320 MT. Installed master bushing and made up circulation s wedge. Circulated with 200 lpm, 9 bar, 14" casing shoe at 2433 m.
11:00	12:30	2433	drilling -- casing	ok	Shot down pumps and flowchecked. R/D casing power tong, circulation swedge and surface lines.
12:30	14:00	2552	drilling -- casing	ok	RIH 14" 169.65 kg/m casing on 5 1/2" HWDP from 2433 m to 2516 m. Washed down from 2516 m to 2552 m with 500 lpm, 11 bar
14:00	15:30	2552	drilling -- casing	ok	Recorded hole restriction at 2552 m. Worked and washed pass restriction with 1000 lpm, 16 bar, Up/Dw weight 440/318 MT.
15:30	16:30	2571	drilling -- casing	ok	M/U cement assembly and landed hanger at HOP 140.38 m. Set down 7 MT and marked pipe. Picked up and recorded 45 MT overpull, marked pipe. Rotated landing string one right hand turn and verified stem free.
16:30	18:30	0	drilling -- other	ok	R/U cement hoses and circulated 1.5 B/U with 3000 lpm, 60 bar. No losses observed.
18:30	21:00	0	drilling -- other	ok	Pumped 25 m3 of 1.75 SG spacer and dropped bottom dart. Mixed and pumped 24 m3 of 1.90 SG cement slurry, 600 lpm. Displaced the cement to the rig floor with 0.88 m 3 and dropped top dart. Zeroed stroke counters and displaced cement with 183 m3, 8262 strokes of 1.42 SG mud, 2970 lpm. Observed bottom plug shear after 7290 strokes.
21:00	21:30	0	drilling -- other	ok	Stepped down pumps to 500 lpm, FCP 31 bar and bumped top plug after 188 m3, 8480 strokes pumped. Pressured up to 90 bar/10 min and equalized lines to cement unit.
21:30	23:00	0	drilling -- casing	ok	Pressure tested casing to 340 bar/10 min, 2.2/2.2 m3 Pumped/Returned
23:00	00:00	0	drilling -- casing	ok	Slacked off weight and marked pipe. Picked up 45 MT overpull test, slacked off and rotated pipe 3.5 RH turns, Marked pipe and recorded 8.5" travel. Sat seal assembly with 207 bar/10 min and picked up 45 MT.

Drilling Fluid

Sample Time	04:00	14:00
Sample Point	Flowline	Flowline
Sample Depth mMD	2574	2574
Fluid Type	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.42	1.42
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)	34	34
Yield point (Pa)	9.5	9.5

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