

Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-05-10 00:00 - 2013-05-11 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	66
Days Ahead/Behind (+/-):	1.2
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 (I):	
Pressure (I):	
Date Well Complete:	2013-05-09

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.65
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	4104
Depth mTVD:	
Plug Back Depth mMD:	4104
Depth at formation strength mMD:	2574
Depth At Formation Strength mTVD:	2442
Depth At Last Casing mMD:	2570.7
Depth At Last Casing mTVD:	2442

Summary of activities (24 Hours)

Ran in hole with 3 1/2" cement stinger on 5 1/2" drill pipe from 1999m MD to 4562m MD.  
Spotted P&A plug #1 (A+B) from 4562m MD to 4160m MD.  
Pulled out of hole with 3 1/2" cement stinger on 5 1/2" drill pipe from 4160m MD to 4087m MD.

Summary of planned activities (24 Hours)

Wait on cement (meanwhile: Pressure test BOP and reduce mud weight to 1.28 sg).  
Tag P&A plug #1 with 10MT.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:15	2505	drilling -- other	ok	Ran in hole with cement stinger on 5 1/2" drill pipe from 1999m MD to 2505m MD.
01:15	02:00	2570.7	drilling -- other	ok	Ran in hole with cement stinger from 5 1/2" drill pipe from 2505m MD to 14" casing shoe at 2570,7m MD. Broke circulation with 2500 lpm and recorded pressures (179 bar). Took up and down weights.
02:00	02:45	2721	drilling -- other	ok	Ran in hole with cement stinger on 5 1/2" drill pipe from 2570m MD to 2721m MD.
02:45	03:00	2721	drilling -- other	ok	Broke circulation with 1500 lpm and 70 bar.
03:00	04:00	3022	drilling -- other	ok	Ran in hole with cement stinger on 5 1/2" drill pipe from 2721m MD to 3022m MD.
04:00	04:15	3022	drilling -- other	ok	Broke circulation with 1500 lpm and 70 bar.
04:15	09:00	4160	drilling -- other	ok	Ran in hole with cement stinger on 5 1/2" drill pipe from 3022m MD to 4160MD. Broke circulation every 500m with 1500 lpm and 70-72 bar.
09:00	09:30	4160	drilling -- other	ok	At 4160m MD, observed indication of closed end displacement. Broke circulation with 1500 lpm and 72 bar - ok.
09:30	11:30	4562	drilling -- other	ok	Washed in hole with cement stinger on 5 1/2" drill pipe from 4160m MD to 4562MD with 500 lpm. Tagged TD with 5 MT.
11:30	14:30	4562	drilling -- other	ok	Circulated and conditioned mud prior to cement job at 2500 lpm and 60 bar.
14:30	15:30	4562	drilling -- other	ok	Laid out single drill pipe joint and made up cement assembly. Pressure tested line up to 200 bar.
15:30	17:00	4562	drilling -- other	ok	Pumped 11.8 m3 of 1.50 sg spacer. Mixed and pumped 10 m3 of 1.90 sg cement slurry. Displaced the cement to the rig floor with 890 l of drill water. Reset stroke counters. Pumped 2.8 m3 of 1.50 sg spacer. Displaced the cement with 40.6 m3 (1833 strokes) of 1.32 sg OBM. Underdisplaced with 2.5m3.  Rotated with 20 rpm and 15 kNm during displacement.
17:00	17:30	4562	drilling -- other	ok	Laid out cement assembly and picked up and made up single drill pipe joint.
17:30	18:00	4367	drilling -- other	ok	Pulled out of hole with 3 1/2" cement stinger on 5 1/2" drill pipe from 4562m MD to 4367m MD.  Observed 20MT overpull at 4450m MD.
18:00	20:45	4367	drilling -- other	ok	Dropped 2 wiper balls and circulated string clean with 2500 lpm. Continued circulating out excess cement and spacer with 2500 lpm.  Diverted 77m3 contaminated mud and spacer to slop.
20:45	21:30	4367	drilling -- other	ok	Laid out single drill pipe joint and made up cement assembly. Pressure tested line up to 200 bar.
21:30	22:45	4367	drilling -- other	ok	Pumped 10 m3 of 1.50 sg spacer. Mixed and pumped 10 m3 of 1.90 sg cement slurry. Displaced the cement to the rig floor with 890 l of drill water. Reset stroke counters. Pumped 2.8 m3 of 1.50 sg spacer. Displaced the cement with 38.6 m3 (1742 strokes) of 1.32 sg OBM. Underdisplaced with 2.5m3.  Rotated with 20 rpm and 15 kNm during displacement.  Diverted 40m3 contaminated mud and spacer to slop.
22:45	23:00	4367	drilling -- other	ok	Laid out cement assembly and picked up and made up single drill pipe joint.
23:00	00:00	4087	drilling -- other	ok	Pulled out of hole with 3 1/2" cement stinger on 51/2" drill pipe from 4367m MD to 4087m MD.

Drilling Fluid

Sample Time	07:30	15:00
Sample Point	Active pit	Active pit
Sample Depth mMD	4562	4562
Fluid Type	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.32	1.32
Funnel Visc (s)	-999.99	-999.99
Mf (I)		

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)	37	36
Yield point (Pa)	10.5	12
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)	120	120
Comment		