

Summary report

Wellbore: 15/9-F-14

Period: 2007-12-08 00:00 - 2007-12-09 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	16
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-11-04 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:	2008-06-15

Dist Drilled (m):	102
Penetration rate (m/h):	-999.99
Hole Dia (in):	26
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1083
Depth mTVD:	1082.5
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	251.7
Depth At Last Casing mTVD:	251.7

Summary of activities (24 Hours)

Displaced 26" hole to 1,40 sg mud. POOH and RB BHA in Derrick. MU and RB cement stand. Ran DCI frame down to scaffolding below centralizer deck. RU 20" csg equipment.

Summary of planned activities (24 Hours)

Continue RU csg running equipment. MU and run 20" casing w/DCI WH. Start circulating, pumping and displacing cement.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:30	1064	drilling -- dri II	ok	Drilled 26" section in rotation mode, from 981 m to bottom of Utsira sand at 1064 m MD. Drilling parameters : Flow 4000 lpm / SPP 121 bar / WOB 2 - 5 MT / Torque 3 - 5 kNm / String RPM 40 / Bit RPM 160- 162. Avarage ROP 41.5 m/ hrs. Pumped 10 m3 hi-vis sweep for every singel drilled. Performed g MWD survey on connections.
02:30	03:30	1083	drilling -- dri II	ok	Drilled 26" hole from 1064 m to Td for section at 1083 m MD. Drilling parameters : Flow 4410 lpm / SPP 154 -156 bar / WOB 8 - 13 MT / Torque 10 -13 kNm / String RPM 40 / Bit RPM 170. Average ROP 22.8 m/ hrs. Pumped 10 m3 hi.vis sweep for every singel drilled. Performed g MWD survey on connections.
03:30	06:00	1083	drilling -- dri II	ok	At TD, pumped 30 m3 hi vis followed by 30 m3 sea watwr and then 55 m3 hi - vis. Reduced flow rate to 3500 lpm while pumping hi vis pill through BHA. Circulated hole clean with 4480 lpm / SPP 127-130 bar /String RPM 40 / Torque 3-4 kNm. Kept bit below Utsira sand during circulation / reciprocation.
06:00	08:00	1072	drilling -- dri II	ok	Displaced well to 1.40 sg bentonite mud with 3500 lpm / SPP 70 bar / String RPM 20 / Torque 1-4 kNm. Kept bit below Utsira sand during displacement. SPP leveled out after 14500 strokes at 3500 lpm / SPP 152 bar /String RPM 180 / Torque 2-4 kNm. Observed some returns coming through cement ports on 30" conductor on F-4.
08:00	10:30	717	drilling -- dri II	ok	POOH with 26" drilling BHA from 1072 m MD to 717 m MD. Tight spots when POOH: 807-800 m: 10-15 MT overpull 770-764 m: 13-16 MT overpull 758-754 m: 10-14 MT overpull 725-720 m: 16-21 MT overpull Encountered leak on PS21 slips.
10:30	11:00	717	interruption -- other	ok	Discovered leakage on PS 21 slips. Changed hose.
11:00	14:30	193	drilling -- dri II	ok	POOH with 26" drilling BHA from 717 m MD to 193 m MD. Tight spots when POOH: 627-620 m: 2-10 MT overpull 615-612 m: 5-15 MT overpull 598-596 m: 11-20 MT overpull 595-590 m: 10-30 MT overpull 585-580 m: 15-30 MT overpull 578-575 m: 5-15 MT overpull
14:30	16:00	193	drilling -- ca sing	ok	Built scaffolding under centralizer deck on well head module. Meanwhile topped up well with 1.40 sg mud at 193 m MD. Serviced TDS and PRS and performed derrick inspection for loose items.
16:00	00:00	0	drilling -- tri p	ok	Held tool box meeting before manual handling of BHA. Continued POOH with 26" drilling BHA from 193 m MD to OOH. ROV guided BHA out of template. Flushed string with SW when bit was above template. Clean and cleared rig floor of excess equipment.

Bit Record

Run No.	Bit Size	Bit Type	IADC Code	Manufacturer	Hrs Drilled	Start mMD	End mMD	Hole Made (last 24H)	Hours Drilled (last 24H)	Form ROP	Total ROP	Total Hole Made	Total Hrs Drilled
3	26 in	MG04BC	415	Smith Internat al	45.2	206	206			19.4	19.4	877	45.2

Drilling Fluid

Sample Time	21:00
Sample Point	Reserve pit
Sample Depth mMD	-999.99
Fluid Type	Spud Mud
Fluid Density (g/cm3)	1.05
Funnel Visc (s)	120
Mt ()	
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
Yield point (Pa)	-999.99
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	1083		1.03	estimated