

Summary report

Wellbore: 15/9-F-11 B

Period: 2013-06-07 00:00 - 2013-06-08 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	11
Days Ahead/Behind (+/-):	2
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-05-28 14:30
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2013-06-12

Dist Drilled (m):	74
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.65
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	3271
Depth mTVD:	2816.6
Plug Back Depth mMD:	
Depth at formation strength mMD:	3192
Depth At Formation Strength mTVD:	2780
Depth At Last Casing mMD:	3192.5
Depth At Last Casing mTVD:	2780.3

Summary of activities (24 Hours)

M/U 8 1/2" rotary steerable BHA and RIH. Drilled out shoetrack, rathole and 3 m new formation. Perform FIT and drilled 8 1/2" hole to 3271 m.

Summary of planned activities (24 Hours)

Drill and orientate 8 1/2" hole

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	38	drilling -- trip	ok	P/IU and M/U 8 1/2" rotary steerable BHA
00:45	02:15	38	drilling -- trip	ok	Plugged-in tools and attempted to verify communication - NoGo
02:15	03:45	38	drilling -- trip	ok	Troubleshoot MWD tools. Broke connection at Flex stab and BCPM cleaned same. M/U connection and plugged-in tools - OK
03:45	05:00	38	drilling -- trip	ok	Held TBT. Barried off rig floor and installed RA source.
05:00	06:30	186	drilling -- trip	ok	P/IU and M/U 8 1/2" rotary steerable BHA including 5 1/2" HWDP to 186 m.
06:30	07:00	186	drilling -- trip	ok	Removed masterbushing and installed auto slips.
07:00	07:30	1000	drilling -- trip	ok	RIH with 8 1/2" rotary steerable BHA on 5 1/2" DP from 186 m 1000 m. Average tripping speed 1628 m/hr.
07:30	08:15	1000	drilling -- trip	ok	Filled string with 1.28 sg OBM and shallow tested tools with 2300 lpm, 140 bar..
08:15	08:45	1000	drilling -- trip	ok	Performed choke drill.
08:45	11:00	3171	drilling -- trip	ok	RIH with 8 1/2" rotary steerable BHA on 5 1/2" DP from 1000 m to 3171 m filling string every 1000 m. Average tripping speed 1010 m/hr. Avg.
11:00	11:45	3187	drilling -- trip	ok	Established washing parameters and washed down from 3171 m to 3187 m with 1800 lpm, 40 bar, 40 rpm, 12-13 kNm.
11:45	12:30	3197	drilling -- drill	ok	Tagged TOC at 3187 m . Drilled shoetrack and rathole from 3187 m to 3197 m with 2000 lpm, 163 bar, 60 rpm, 15-19 kNm.
12:30	12:45	3200	drilling -- drill	ok	Drilled 3 m new formation from 3197 m to 3200 m with 2000 lpm, 163 bar, 60 rpm, 15-19 kNm. Wiped through shoetrack - No restrictions recorded.
12:45	15:00	3200	drilling -- circulating conditioning	ok	Circulated hole clean to even MW in/out of 1.28 sg.
15:00	15:30	3200	formation evaluation -- rft/fit	ok	Lined-up cement unit, flushed and tested lines. Close BOP and performed FIT to 1.65 sg EMW with 101 bar surface pressure, 866/866 litres Pumped/Returned..
15:30	16:15	3200	drilling -- survey	ok	Recorded survey at 3180 m with 2000 lpm, 158 bar. Washed down and established drilling parameters.
16:15	20:30	3250	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 3200 m to 3250 m with 2400 lpm, 214 bar, 1.53 sg EMW, 80-120 rpm, 22-30 kNm, WOB 8-10 MT, Average ROP 12 m/hr
20:30	22:00	3250	drilling -- other	ok	Recorded SCRs and tared CoPilot.
22:00	00:00	3271	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 3250 m to 3271 m with 2400 lpm, 214 bar, 1.53 sg EMW, 150 rpm, 22-30 kNm, WOB 8-10 MT, Average ROP 11 m/hr.

Drilling Fluid

Sample Time	03:00	16:00	21:00
Sample Point	Flowline	Active pit	Flowline
Sample Depth mMD	3310	3197	3250
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.32	1.28	1.32
Funnel Visc (s)	-999.99	-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)	41	33	42
Yield point (Pa)	11.5	10.5	12
Filtration tests			
Pm filtrate ()			
Filtrate Lthp ()			
Filtrate Hthp ()			
Cake thickn API ()			
Cake thickn HPHT ()			
Test Temp HPHT (degC)	120	120	120
Comment			

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3200		1.11	estimated
00:00	3271.1		1.18	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3237.8	2801.8	61.97	109.78	
3278.3	2819.7	65.4	114.87	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
3200	3271	2783.9	2817.3		Predominantly limestone locally grading to marl