

Summary report

Wellbore: 15/9-F-12

Period: 2007-06-26 00:00 - 2007-06-27 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	14
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-03-15 00:00
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:	2007-08-26

Dist Drilled (m):	203
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.2
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	618
Depth mTVD:	618
Plug Back Depth mMD:	
Depth at formation strength mMD:	251
Depth At Formation Strength mTVD:	251
Depth At Last Casing mMD:	251
Depth At Last Casing mTVD:	251

Summary of activities (24 Hours)

Drilled 8 1/2" pilot hole from 525 m to 618 mMD. Circulated well clean and flow checked. POOH from 578 m to shoe at 251 m while trouble-shooted and repaired flowline isolation valve failure.

Summary of planned activities (24 Hours)

Drilling 8 1/2" pilot hole from 618 m to 1000 m.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	467	drilling -- drill	ok	Drilled 8 1/2" pilot hole from 415 m to 467 mMD, 2272 lpm, 116 bar, 120 rpm, 2-3 kNm, 1-3 MT wob, ECD 1.23-1.25 SG, ROP 36 m/hr.
02:00	02:15	467	drilling -- circulating conditioning	ok	Circulated and reciprocated btms up, 2272 lpm, 116 bar, due to rapide increase in ECD to 1.27 SG. Diluted and conditioned mud from 1.15 sg to 1.12 sg.
02:15	03:00	473	drilling -- drill	ok	Drilled 8 1/2" pilot hole from 467 m to 473 mMD, 2272 lpm, 116 bar, 120 rpm, 2-3 kNm, 1-2 MT wob, ECD 1.25 SG, ROP 37 m/hr. Observed gain of 1 m3 in active. PU off btm and flow checked well static for 15 min. Ok.
03:00	04:00	476	drilling -- circulating conditioning	ok	Circulated btms up, 2272 lpm, 116 bar. No gas observed. Meanwhile diluted and conditioned mud to 1.12 sg.
04:00	06:00	525	drilling -- drill	ok	Drilled 8 1/2" pilot hole from 476 m to 525 mMD, 2272 lpm, 116 bar, 120 rpm, 2-3 kNm, 1-2 MT wob, ECD 1.23 SG. Reduced ROP from 36 m/hr to 30 m/hr at 500 m according to program.
06:00	12:00	618	drilling -- drill	ok	Drilled 8 1/2" pilot hole from 525 m to 618 mMD, 2250 lpm/115 bar, 120 rpm/1-6 kNm, 2-15 MT wob, ECD 1.21-1.23 SG. Limited 30 m/hr according to program. RO V monitored wellhead connector.
12:00	13:30	578	drilling -- circulating conditioning	ok	Reamed full stand and circulated well clean, 2250 lpm 115 bar. Racked back one stand.
13:30	14:30	578	drilling -- drill	ok	MU TDS, rotated 10 rpm and flow checked well. Total loss 140 l over 1.5 hr. Meanwhile checked rollers and dies on AFT PRS.
14:30	15:00	578	drilling -- drill	ok	Prepared to wash std down. Unable to open flowline isolation valve.
15:00	00:00	251	interruption -- other	ok	Trouble-shooted and repaired flowline isolation valve. Meanwhile POOH from 578 m to shoe at 251 m.

Drilling Fluid

Sample Time	04:00	10:00	16:00	21:00
Sample Point	Active pit	Flowline	Active pit	Active pit
Sample Depth mMD	470	545	617	618
Fluid Type	Spud Mud	Spud Mud	Spud Mud	Spud Mud
Fluid Density (g/cm3)	1.13	1.13	1.15	1.15
Funnel Visc (s)	65	60	69	72
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)	6	6	6	6
Yield point (Pa)	24.5	18	13	14
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	618		1.03	estimated

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
490	600	490	600		Claystone with minor siltstone interbeds