

Summary report

Wellbore: 15/9-F-12

Period: 2007-07-27 00:00 - 2007-07-28 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	45
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):	27
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.7
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2513
Depth mTVD:	2427
Plug Back Depth mMD:	
Depth at formation strength mMD:	1353
Depth At Formation Strength mTVD:	1353
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

Summary of activities (24 Hours)

Drilled 17 1/2" section from 2505 m to 2513 m MD. Little progress could be made, decided to POOH to change bit. Circulated hole clean. POOH from 2513 m to 1439 m MD.

Summary of planned activities (24 Hours)

POOH with 17 1/2" BHA from casing shoe to surface. Lay down MWD/Sonic. Change bit. Make up new 17 1/2" drilling BHA.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	2444	interruption -- other	ok	Continued changing washpipe on TDS. Greased TDS.
01:30	02:15	2486	interruption -- other	ok	Finished working on TDS. Installed automatic slips. Made up stand and RIH to 2486 m MD, stepped up pumps and recommenced drilling.
02:15	06:00	2505	drilling -- drill	ok	Continued drilling 17 1/2" section from 2486 m to 2505 m MD. Drilling paramaters : Flow 4500 lpm / SPP 280-284 bar / 180 rpm / 8-12 MT WOB / Torque 19-25 kNm / ECD 1,3 7. ROP dropped from 10 m/hrs to 2 m/hrs towards 2505.
06:00	13:00	2513	drilling -- drill	ok	Drilled 17 1/2" section from 2505 m to 2513 m MD. Drilling parameters : Flow 4500 lpm / SPP 280-284 bar / 180 rpm / 8-12 MT WOB / Torque 19-25 kNm / ECD 1,37. ROP dropped from 2 m/hrs to 1 m/hrs towards 2513. Decided to pull out of hole to change bit.
13:00	15:30	2513	drilling -- trip	ok	Circulated hole clean with 4500 lpm / SPP 285 bar while reciprocating on stand.
15:30	17:00	2254	drilling -- trip	ok	POOH with 17 1/2" drilling BHA from 2513 m to 2254 m MD.
17:00	00:00	1798	drilling -- trip	ok	Tight hole from 2254. Continued POOH while pumping at 3500 lpm from 2254 to 1798 m MD. Rotated at 40 rpm on 15 MT+ overpull as dictated by hole.

Drilling Fluid

Sample Time	04:30	10:30	15:00	22:30
Sample Point	Active pit	Active pit	Active pit	Active pit
Sample Depth mMD	2500	2510	2513	2513
Fluid Type	HPWBM	HPWBM	HPWBM	HPWBM
Fluid Density (g/cm3)	1.35	1.35	1.35	1.35
Funnel Visc (s)	-999.99	-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)	34	38	38	35
Yield point (Pa)	10.5	13	13	12
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	2513		1.05	estimated

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
2460	2513	2375.7	2427		Homogenous claystone with rare traces of Siltstone