

Summary report

Wellbore: 15/9-F-12

Period: 2007-07-23 00:00 - 2007-07-24 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	41
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):	313
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:	1859
Depth mTVD:	1798
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" hole section from 1546 m to 1881 m MD. Made repair on mud pump #2.

Summary of planned activities (24 Hours)

Continue drilling 17 1/2" hole section

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:45	1354	interruption -- other	ok	Continued making modifications to cuttings conveyer belt.
02:45	04:30	1541	interruption -- other	ok	RIH with 17 1/2" drilling BHA from 1354 m to 1541 m MD. Pumped at 2000 lpm on way in / no rotation. Took weight and reamed through ledges at 1390 m MD and 1396 m MD. Meanwhile continued modifications on cuttings conveyer belt.
04:30	05:30	1541	interruption -- other	ok	Tagged fill at 1541 m MD. Stepped up rate to 4500 lpm. Worked to get stable conditions on shakers and cuttings conveyer belt. Took cuttings partly to conveyer belt and partly to DCI unit with overboard discharge. Cut back rate to 3500 lpm to get stable condions on shakers.
05:30	06:00	1546	interruption -- other	ok	Washed from 1541 m to 1546 m MD. Parameters : Flow 3500 lpm / SPP 162 bar / 120 rpm / <1 MT WOB / Torque 13 kNm.
06:00	23:00	1859	drilling -- drill	ok	Drilled 17 1/2" hole section from 1546 m to 1859 m MD. Driling parameters : Flow 4500 lpm / SPP 248 bar / 180 rpm / 3-5 MT WOB / Torque 14-23 kNm / ECD 1,37-1,38. Took surveys on connections. Reamed stand before connections. Downlinked Powerdrive at 10:15. Experienced problems with Mudpump #2.
23:00	00:00	1859	interruption -- other	ok	Mud pump #1 down failed, washout in valve seat, shut down pump. Mud pump #1 also out of service. Had to stop drilling. Reciprocated on stand while working on mud pump #2.

Drilling Fluid

Sample Time	03:00	10:20	16:00	22:30
Sample Point	Active pit	Active pit	Active pit	Active pit
Sample Depth mMD	1485	1580	1675	1855
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)	32	29	28	30
Yield point (Pa)	10	8.5	9.5	10
Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				
Cake thickn API ()				
Cake thickn HPHT ()				
Test Temp HPHT ()				

Comment				
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Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	1880		1	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1525.8	1491.6	20.46	242.79	
1568.2	1531.2	21.47	250.59	
1608.1	1568.3	22.43	254.31	
1648.4	1605.4	23.37	253.44	
1689.1	1642.7	23.69	253.02	
1728.5	1678.8	23.77	253.5	
1770.6	1717.4	23.62	253.27	
1810.1	1753.5	23.39	252.75	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
1560	1830	1523.6	1771.8		Homogenous claystone interval with intermittent thin siltstone and dolomite bedding .