Summary report

Wellbore: 15/9-F-15 A **Period: 2008-12-15 00:00 - 2008-12-16 00:00**

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	5
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2008-12-11 15:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	

Dist Drilled (m):	190
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.5
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2591
Depth mTVD:	2442
Plug Back Depth mMD:	
Depth at formation strength mMD:	1381
Depth At Formation Strength mTVD:	1349
Depth At Last Casing mMD:	1368.4
Depth At Last Casing mTVD:	

Summary of activities (24 Hours)

Drilled 17 1/2" hole from 2474 m to section TD at 2591 m MD. Circulated hole clean with 4500 lpm, 4 x bottoms up until clean shakers. Flowchecked well - observed static losses of 350 l/hrs. Spotted LCM pill across Grid sand. Pull 5 stands wet. Pumped slug and POOH with 17 1/2" drilling BHA to 1764 m MD. Flowchecked well - static.

Summary of planned activities (24 Hours)

POOH with 17 1/2" drilling BHA from 1764 m MD to surface, break and lay out BHA. Pull nominal seat protector. Rig up for running 13 3/8" casing. Run 13 3/8" casing to 400 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:45	2447	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 2401 m to 2447 m MD. Drilling parameters : 4000-4500 lpm / SPP 222-276 bar / 7-9 MT WOB / 125-140 RPM / torque 18-22 kNm / ECD 1,45-1,46. Controlled ROP to 20 m/hrs due to cuttings handling. Performed MWD survey on connections. Downlinked powerdrive according to DD instructions. Prepared manriding operation for inspecting and repairing hydraulic leak on PRS.
03:45	04:15	2447	interruption -- other	ok	Performed manriding to hose bundle in top of PRS. Thightened fittings on several hoses. Inspected and found leak to be fixed. Meanwhile circulated at 3000 lpm / SPP 136 bar.
04:15	06:00	2474	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 2447 m to 2474 m MD. Drilling parameters : 4500 lpm / SPP 274 bar / 8-9 MT WOB / 140 RPM / torque 20-22 kNm / ECD 1,45. Controlled ROP to 20 m/hrs due to cuttings handling. Performed MWD survey on connections. Downlinked powerdrive according to DD instructions. Meanwhile made up 13 3/8" casing in stands using PRS and foxhole.
06:00	16:45	2591	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 2474 m to section TD at 2591 m MD. Drilling parameters : 4500 lpm / SPP 274 bar / 8-10 MT WOB / 140 RPM / torque 20-32 kNm / ECD 1,45. Controlled ROP to 20 m/hrs due to cuttings handling. Performed MWD survey on connections. Downlinked powerdrive according to DD instructions. Meanwhile made up 13 3/8" casing in stands using PRS and foxhole.
16:45	19:00	2591	drilling -- circulating conditioning	ok	Circulated hole clean while reciprocating last stand from 2591 m to 2569 m MD. Parameters : 4200-4500 lpm / SPP 246-272 bar / 140 RPM / torque 13 kNm / ECD 1,43-1,44.
19:00	23:00	2565	drilling -- circulating conditioning	ok	Set back stand of DP and continued circulating hole clean while reciprocating stand from 2565 m to 2526 m MD. Parameters : 4200-4500 lpm / SPP 246-274 bar / 85 RPM / torque 13 kNm / ECD 1,43-1,44. Circulated a total of 4 x bottoms up until clean shakers.
23:00	00:00	2565	drilling -- drill	ok	Lined up to triptank and flowcheked well. Observed static losses to well in order of 350 l/hrs. Checked trip tank line up - ok.

Drilling Fluid

Sample Time	03:30	11:30	15:30	20:00
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	2445	2548	2583	2591
Fluid Type	OBM-Standard	OBM-Standard	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.43	1.43	1.43	1.43
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)	33	32	30	29
Yield point (Pa)	13	12	12	11
Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				

Cake thickn API ()				
Cake thickn HPHT ()				
Test Temp HPHT (degC)	120	120	120	120
Comment				

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2591		1	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2431.4	2304.8	27.16	209.96	
2472.5	2341.2	28.2	217.51	
2513.5	2377	30.42	224.45	
2554	2411.4	33.23	229.45	
2576.2	2429.7	35.45	230.79	

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
104	Schlumberger	1368	2591	POWERPULSE - ARCVRES8	-999.99

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
2474	2531	2345	2391		Shale, tuff and minor dolomite
2531	2591	2391	2441		Shale, minor limestone and dolomite, silty bas e

Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top mTVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas ()	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	drilling gas pea k	2461		2328.9		.3		2630	57	16	6	5