

## Summary report

Wellbore: 15/9-F-10

Period: 2009-06-07 00:00 - 2009-06-08 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	63
Days Ahead/Behind (+/-):	31.4
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2009-04-06 06:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2009-06-03

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia ():	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.55
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	2400
Depth mTVD:	
Plug Back Depth mMD:	
Depth at formation strength mMD:	3439
Depth At Formation Strength mTVD:	2654
Depth At Last Casing mMD:	3441
Depth At Last Casing mTVD:	2654

## Summary of activities (24 Hours)

RIH with 9 5/8" EZSV plug from 715m to setting depth 2560m MD. Set and tested same to 165 bar, 10 min. Mixed, pumped and displaced 10,3m3 cement plug on top of 9 5/8" EZSV plug. POOH and L/D RT for 9 5/8" EZSV plug. M/U and RIH with 13 3/8" EZSV plug to 530m MD.

## Summary of planned activities (24 Hours)

RIH with 13 3/8" EZSV plug from 530m to setting depth, 1590m. Set plug at 1590m MD. POOH and L/D plug RT. M/U and RIH with 13 3/8" casing cutters to 1580m MD. Cut 13 3/8" casing according to Smith procedures. Verify cut indications, POOH, rack cutting assembly.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	0	plug abandon -- mechanical plug	ok	Meeting about next operation. Decided to continue as per DOP and run EZSV plug. Meanwhile repaired leak on AFT iron roughneck and serviced TDS.
01:30	02:45	0	plug abandon -- mechanical plug	ok	Prepared and made up 9 5/8" EZSV plug to 3 1/2" DP.
02:45	04:15	347	plug abandon -- trip	ok	RIH with EZSV plug on 3 1/2" DP from surface to 347m MD.
04:15	06:00	715	plug abandon -- trip	ok	Changed from 3 1/2" to 5 1/2" DP handling equipment. Emptied trip tank. RIH with EZSV plug on 5 1/2" DP from 347m to 715m MD.
06:00	07:00	1118	plug abandon -- trip	ok	RIH with 9 5/8" EZSV plug from 715m to 1118m MD.
07:00	08:00	1118	plug abandon -- trip	ok	Moved 17 stands of 5 1/2" DP, not wiped with sponge balls.
08:00	11:00	2467	plug abandon -- trip	ok	RIH with 9 5/8" EZSV plug from 1118m to 2467m MD.
11:00	11:30	2467	plug abandon -- trip	ok	Broke circulation at 2467m MD, 110 l/min, 14 bar. Meanwhile moved rest 11 stands of 5 1/2" DP not flushed with sponge balls.
11:30	12:00	2467	plug abandon -- trip	ok	Flushed and verified line up from cement unit through TDS and BOP kill line for test of cement plug.
12:00	12:45	2467	plug abandon -- trip	ok	Attempted to test cement plug to 195 bar. Observed 10 bar drop in 10 min. Than drop increased.
12:45	13:00	2467	plug abandon -- trip	ok	Flushed lines, meanwhile function tested BOP.
13:00	14:30	2560	plug abandon -- trip	ok	RIH with 9 5/8" EZSV plug from 2467m to 2560m MD.
14:30	15:15	2560	plug abandon -- mechanical plug	ok	Set EZSV plug as per Halliburton procedures. Released from and pulled RT out of same.
15:15	15:30	2555	plug abandon -- mechanical plug	ok	Installed TIW and pump in sub, lined up to cement unit.
15:30	16:15	2555	plug abandon -- mechanical plug	ok	Verified line up, performed line test from cement unit, 200 bar, 10 min.
16:15	17:00	2555	plug abandon -- mechanical plug	ok	Pressure tested EZSV plug from above to 165 bar 10 min, OK.
17:00	17:30	2555	plug abandon -- mechanical plug	ok	Tool Box Talk prior to cement job.
17:30	19:00	2555	plug abandon -- mechanical plug	ok	With cement unit, mixed and pumped 10,3m3 1,92 sg "G" cement slurry, displaced to rigfloor with 892 ltr. drill water. With rig pumps, displaced cement with 23,1m3, 1057 s strokes of 1,32 sg OBM. 1800 l/min. Reduced pump rate to 1000 l/min. after 18m3, 821 strokes.
19:00	20:30	2300	plug abandon -- trip	ok	POOH from 2555m to 2300m MD, dropped 2 x sponge balls. Circulated 1,5 x string volume 33m3, 1505 strokes.
20:30	00:00	347	plug abandon -- trip	ok	POOH with EZSV RT from 2300m to 374m MD. Max. tripping speed 1200 m/hr.

## Drilling Fluid

Sample Time	10:00	22:00
Sample Point	Active pit	Active pit
Sample Depth mMD	2400	2400
Fluid Type	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.33	1.33
Funnel Visc (s)	-999.99	-999.99
Mf ()		
Pm ()		
Pm filtrate ()		
Chloride ()		
Calcium ()		
Magnesium ()		
pH		
Excess Lime ()		
Solids		
Sand ()		
Water ()		
Oil ()		
Solids ()		

<b>Corrected solids ()</b>		
<b>High gravity solids ()</b>		
<b>Low gravity solids ()</b>		
<b>Viscometer tests</b>		
<b>Plastic visc. (mPa.s)</b>	34	34
<b>Yield point (Pa)</b>	12.5	12
<b>Filtration tests</b>		
<b>Pm filtrate ()</b>		
<b>Filtrate Lthp ()</b>		
<b>Filtrate Hthp ()</b>		
<b>Cake thickn API ()</b>		
<b>Cake thickn HPHT ()</b>		
<b>Test Temp HPHT (degC)</b>	120	120
<b>Comment</b>		

#### Stratigraphic Information

<b>Depth to Top of Formation mMD</b>	<b>Depth to Top of Formation mTVD</b>	<b>Description</b>
1235.1	1199.1	Skade Fm.
2591.1	2276.1	Balder Fm.
3266.1	2632.1	Shetland Gp
5065	2859	Viking Gp
5204	2944	Vestland Gp
890	877	Nordland Gp
890.1	877.1	Utsira Fm