

Summary report

Wellbore: 15/9-F-12

Period: 2007-08-27 00:00 - 2007-08-28 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	76
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 (°):	
Pressure (°):	
Date Well Complete:	2007-08-26

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (°):	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.6
Dia Last Casing (°):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3520
Depth mTVD:	3106.6
Plug Back Depth mMD:	
Depth at formation strength mMD:	3116
Depth At Formation Strength mTVD:	2863
Depth At Last Casing mMD:	3519
Depth At Last Casing mTVD:	3107.8

Summary of activities (24 Hours)

Cemented 7" liner. Installed TSP packer. POOH with TSP packer running tool and L/O same. RIH and jet cleaned WH,riser and BOP. Started to RIH w/ well clean out assy.

Summary of planned activities (24 Hours)

RIH with well clean out assy. Clean out well. POOH w/ clean assy. and L/O same.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:15	3480	drilling -- casing	ok	Continued RIH w/ 7" liner on 5½" DP from 3036m to 3480m, filling every 5th stand.
02:15	03:15	3520	drilling -- casing	ok	Established circulation @ 500 lpm 34 bars. Continued RIH washing down w/ 7" liner on 5½" DP from 3480m and tagged TD at 3520m. Down/up weighth 144/187 MT.
03:15	03:30	3519	drilling -- casing	ok	Racked back one stand. Made up 3m + 2m pup joints.
03:30	04:00	3519	drilling -- casing	ok	Made up cement head and connected up to TDS. Ran and tagged bottom to verify TD at 3520m. Set down 3 MT. Picked to 1 meter to 3519m.
04:00	05:00	3519	drilling -- casing	ok	Circulated 1½ open hole volume @ 1330 lpm 75 bars. Held pre-cement job meeting. Pressure tested cement line to Lo-torque valve at cement head.
05:00	06:00	3519	drilling -- casing	ok	Dropped ball and commenced setting the liner hanger according to Weatherford procedure.
06:00	06:15	3519	drilling -- casing	ok	Completed installation of the 7" line hanger.
06:15	07:30	3519	drilling -- casing	ok	Circulated 1 bottoms up @ 2000 lpm, 151 bars, 20 rpm, 17-18 kNm.
07:30	09:45	3519	drilling -- casing	ok	Pumped 15 m³ of 1.65 SG Tuned Spacer E+ at 1500 lpm with the mud pumps. Closed Top Drive IBOP. Maintained 20 bar above IBOP. Dropped bottom DPD #1 dart, good indication with flag. Pumped 12.7 m³ 1.90 SG cement slurry at 800 lpm, rotating the string 20 rpm 16-19 kNm. Displaced cement line to rig floor w/ 890 l fresh water. Dropped DPD #2 dart for releasing wiper plug. Displace cement with 41.5 m³ (1893 strokes) OBM at 1500 lpm, 20 rpm string rotation. Had max 25 kNm . Wiper plug bumped @ 1 893 strokes, applied 170 bars to Wiper plug for verification. Bled off pressure and checked for backflow. No losses during the entire cement job.
09:45	10:00	3519	drilling -- casing	ok	Installed TSP packer according to Weatherford procedure. Up/down weight 175/140 MT
10:00	13:15	3519	drilling -- casing	ok	Circulated well clean w/ 1.4 SG OBM @ 1700-2200 lpm, 62-102 bars, total pumped 353m³. Had spacer and cement in returns.
13:15	13:30	3519	drilling -- casing	ok	Flow checked well. Well static. Meanwhile held tool box talk prior to L/O cement head.
13:30	14:45	2980	drilling -- casing	ok	Released running tool. L/O cement head pup joints and racked back one stand.
14:45	15:45	2980	drilling -- casing	ok	Installed 2 spong balls, made up string to TDS and pumped down the spong balls with 32m³ (string volume)
15:45	19:30	36	drilling -- casing	ok	Pumped slug of 1.6 SG OBM. POOH w/ 7" TSP packer running tool from 2980m to 36m.
19:30	20:15	0	drilling -- casing	ok	Removed PS-21 slips and installed master bushing. Continued POOH w/ TSP packer running tool and L/O same.
20:15	20:45	0	drilling -- casing	ok	Cleared & cleaned rig floor, checked dies in AFT PRS.
20:45	21:00	0	drilling -- casing	ok	Held tool box talk prior to pick BOP and WH clean out assy.
21:00	00:00	330	drilling -- bop/well head equipment	ok	M/U clean out assy. and RIH same to 330m. Positioned jet sub in WH at 138m and washed WH, Riser and BOP reciprocating the washing assy. across the specified areas. w/ 25 00 lpm, 52 bars and 30 rpm.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	440		service equ -- wellhead tubular equ	0	00:00	Laid out 4 joints due to damaged threads and replaced w/ the 3 back-up.

Drilling Fluid

Sample Time	22:00
Sample Point	Active pit
Sample Depth mMD	3519
Fluid Type	OBM-Standard
Fluid Density (g/cm3)	1.4
Funnel Visc (s)	-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)	30
Yield point (Pa)	10.5
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT (degC)	120
Comment	