

Summary report

Wellbore: 15/9-F-12

Period: 2007-08-17 00:00 - 2007-08-18 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	66
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):	34
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.48
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3114
Depth mTVD:	2864
Plug Back Depth mMD:	
Depth at formation strength mMD:	2506
Depth At Formation Strength mTVD:	2419.5
Depth At Last Casing mMD:	2506
Depth At Last Casing mTVD:	2419.7

Summary of activities (24 Hours)

Drilled to TD 3114m through Draupne Hot shale. Circulated well clean. POOH with BHA and L/O same.

Summary of planned activities (24 Hours)

R/U liner handling equipment and RIH with 9 5/8" liner, install liner and prepare for cementing of the liner.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	3110	drilling -- drill	ok	Continued drilling 12 1/4" hole from 3080 m to 3110 m MD with 1.40 sg OBM, 3540 lpm, 239-241 bar, 140 rpm, 10-45 kNm, 7-10 MT WOB, ECD 1.40-1.42, ROP 2-10 m/hr. Down linked and performed survey as required.
06:00	06:30	3114	drilling -- drill	ok	Continued drilling 12 1/4" hole from 3110 m to 3114 m MD, 10 meters past the Hot Shale. With 1.40 sg OBM, 3540 lpm, 239-241 bar, 140 rpm, 10-45 kNm, 7-10 MT WOB, ECD 1.41, ROP 2 m/hr. Down linked and performed survey as required.
06:30	11:30	3113	drilling -- circulating conditioning	ok	Pulled of bottom and circulated with 3540 lpm, 160 rpm, 10-28 kNm, reciprocated string. Meanwhile added LCM materials. Continued circulating well clean, racked back one stand for every second BU. Took up/down weight 200/142 MT static 165 MT. Recorded torque at 10 rpm 20 kNm and 20 rpm 18 kNm.
11:30	12:45	2893	drilling -- trip	ok	POOH F/ 3113 m T/ 2893 wet. M/U TDS and pumped 5 m³ 1.6 SG slug and chased same with 4m³ OBM.
12:45	14:45	2506	drilling -- trip	ok	Continued POOH to 14" shoe F/ 2893m T/ 2506 m, max drag of 10 MT. Flow checked for 15 min while rotating with 10 rpm.
14:45	15:15	2405	drilling -- trip	ok	POOH F/ 2506m T/ 2405m liner hanger setting depth. M/U TDS, took up/down weight 177/143 MT and 159 MT static stretch 0.5 m. Recorded torque at 10 rpm 10-12 kNm and 20 rpm 10-13 kNm. Dropped 2 3/4" drift.
15:15	21:15	234	drilling -- trip	ok	Continued POOH F/ 2405m T/ 234m.
21:15	22:00	234	drilling -- trip	ok	Flow checked well with BHA below BOP. Meanwhile inspected aft PRS dies and replaced same. Well static.
22:00	22:30	234	drilling -- trip	ok	Pulled PR-21 auto slips and installed master bushing, cleared rig floor.
22:30	00:00	200	drilling -- trip	ok	Commenced to POOH with BHA and L/O same.

Bit Record

Run No.	Bit Size	Bit Type	IADC Code	Manufacturer	Hrs Drilled	Start mMD	End mMD	Hole Made (last 24H)	Hours Drilled (last 24H)	Form ROP	Total ROP	Total Hole Made	Total Hrs Drilled
11	12.25 in	RS616M-A12	M332	Reed-Hycalog	92.6	2572	2572			5.9	5.4	542	101.3

Drilling Fluid

Sample Time	04:00	22:00
Sample Point	Flowline	Active pit
Sample Depth mMD	3092	3114
Fluid Type	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	-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)	28	29

Yield point (Pa)	12	12
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)	120	120
Comment		

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3081.3	2844.5	54.36	97.21	