

Summary report

Wellbore: 15/9-F-15

Period: 2008-11-14 00:00 - 2008-11-15 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	41
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2008-10-24 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:	2008-12-11

Dist Drilled (m):	344
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.5
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2883
Depth mTVD:	2580
Plug Back Depth mMD:	
Depth at formation strength mMD:	1381
Depth At Formation Strength mTVD:	1349
Depth At Last Casing mMD:	2534
Depth At Last Casing mTVD:	2348.8

Summary of activities (24 Hours)

Drilled 8 1/2" hole from 2591 m to 2883 m MD. Had 8 m3/hr losses in Ty formation. Flow checked well static. Pumped and spotted 5 m3 LCM pill on TD. Staged up flow rate to 1200 lpm and had a loss of 1 m3/hr. Increased flow rate to 1400 lpm and had 6 m3/hr losses. Reduced flow rate to 600 lpm with a loss of 1 m3/hr while preparing second 5 m3 LCM pill.

Summary of planned activities (24 Hours)

Pump and spot second 5 m3 LCM pill at TD. Pull OOH to 2745 m (top of LCM pill) and circulate btms up. RIH to TD and stage up flow rate to 1800 lpm to be able to continue drilling. Drill 8 1/2" hole from 2883 m to 3500 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	2440	formation evaluation -- rft/fit	ok	Observed 0.75 bar drop (1.25%) in 10 min on FIT. Pressure levelled out. 367 ltrs pumped and 347 ltrs bled back. Downhole reading from Schlumberger equivalent to 1,613 SG.
00:30	01:30	2440	formation evaluation -- rft/fit	ok	RD TIW, pump-in sub and cmt hose. Opened BOP pipe ram. Lined up for drilling. Pumped down hole and took survey at 2440 m.
01:30	02:30	2539	drilling -- drill	ok	RIH with 8 1/2" BHA from 2440 m to 2514 m on 5 1/2 " DP. Performed kick drill / 55 sec. MU TDS and broke circulation. Staged up pumps and washed down to 2539 m, Flow 2200 lpm / SPP 235 bar / String RPM 40 / TQ 8-10 kNm. Up weight 142 MT / Down weight 121 MT / Free rotation weight 130 MT.
02:30	06:00	2591	drilling -- drill	ok	Sat power drive as per DD instructions. Drilled 8 1/2" hole from 2539 m to 2591 m. Parameters: Flow 2200 lpm / SPP 242-252 bar / String RPM 40 / Bit RPM 209 / TQ 10-12 kNm / ROP 19-25 m/hr. MUD weight 1.34-1.35 SG.
06:00	18:45	2883	drilling -- drill	ok	Drilled 8 1/2" hole from 2591 m to 2883 m. Parameters: Flow 2200 lpm / SPP 241-246 bar / String RPM 80 / Bit RPM 209 / TQ 12-15 kNm / ECD 1.46-1.47 EMW / ROP 20-45 m/hr. MUD weight 1.35 SG. Started adding LCM according to plan 30 m above Ty formation.
18:45	19:15	2883	drilling -- circulating conditioning	ok	Had 8 m3/hr losses in Ty formation at 2880-2883 m. Pulled off btm and flow checked well static. Ok.
19:15	21:30	2883	interruption -- well control	ok	Staged up pumps to establish loss free rate. Meanwhile continued adding LCM chemicals to active and prepared 150 kg/m3 LCM pill in pit according contingency plan. Monitored losses while pumping and reciprocating pipe, Flow 440 lpm / SPP 25 bar / String RPM 10 / TQ 9-10 kNm. Average loss rate 1000 ltrs/hr.
21:30	23:15	2843	interruption -- well control	ok	Lined up and pumped 5 m3 LCM pill at 440 lpm. Spotted pill on TD at 2883 m. Pulled back one stand to 2843 m while pumping the LCM pill out of the BHA.
23:15	23:45	2843	drilling -- circulating conditioning	ok	Let LCM pill settle/soak. Monitored well on trip tank and rotated string with 5 rpm. No losses observed.
23:45	00:00	2883	drilling -- circulating conditioning	ok	RIH with 8 1/2" BHA to TD at 2883 m.