

Summary report

Wellbore: 15/9-F-15

Period: 2008-11-13 00:00 - 2008-11-14 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	40
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 ():	
Pressure ():	
Date Well Complete:	2008-12-11

Dist Drilled (m):	3
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 ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	2539
Depth mTVD:	2355
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)

MU and RIH 8 1/2" PD Xceed BHA from 1390 m to 2438 m. Washed down and found TOC at 2494 m. Drilled out 9 5/8" shoetrack with 1.44 sg OBM. Verified 9 5/8" csg shoe at 2534 m. Cleaned out rathole and drilled 3 m new formation to 2539 m. Displaced well to 1.35 sg OBM while cleaning out rathole. Pumped 4m3 of LCM and POOH with 8 1/2" BHA to above top LCM/inside 9 5/8" csg at 2440 m. Performed FIT to 1.60 SG EMW. Drilled 8 1/2" hole from 2539 m to 2591 m.

Summary of planned activities (24 Hours)

Drill 8 1/2" hole from 2591 m to 3200 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	581	drilling -- drill	ok	Tested Schlumberger MWD tools and made a survey. Had ECD of 1.54 sg EMW. Could not close BX-elevator.
00:30	01:30	581	interruption -- other	ok	Changed out BX-elevator due to slack spring in closing mechanism. Could not operate back-up elevator. Changed back to primary BX-elevator and decided to operated it while looking for a new latch locking pin spring.
01:30	04:30	1059	drilling -- drill	ok	RIH with 8 1/2" BHA from 581 m to 1059 m on 5" DP. Filled DP every 10 stds. Had problems with elevator locking mechanism and experienced slow respons on joy-stick function for drawworks.
04:30	05:00	1059	interruption -- other	ok	Replaced latch locking pin spring on BX-elevators. Fixed joy-stick for drawworks.
05:00	06:00	1390	drilling -- drill	ok	RIH with 8 1/2" BHA from 1059 m to 1390 m on 5" DP. Filled DP every 10 stds. Experienced problems with fingerboard (slow respons on finger opening function).
06:00	08:15	1792	drilling -- drill	ok	RIH with 8 1/2" BHA from 1390 m to 1792 m on 5" DP. Filled DP every 10 stds. Experienced problems with fingerboard (slow respons on finger opening function).
08:15	08:30	1792	drilling -- drill	ok	Changed from 5" to 5 1/2" handling equipment.
08:30	10:30	2438	drilling -- drill	ok	RIH with 8 1/2" BHA from 1792 m to 2438 m on 5 1/2" DP. Filled DP every 10 stds.
10:30	11:30	2476	drilling -- drill	ok	Made up to TDS. Washed down from 2438 m to 2476. Parameters: Flow 1700 lpm / SPP 182 bar / String RPM 10 / TQ 7 kNm. MUD weight 1.44 SG.
11:30	12:30	2476	drilling -- drill	ok	Performed choke drill with crew.
12:30	13:30	2494	drilling -- drill	ok	LO one 5 1/2" DP single for space-out. Continued to wash down from 2476 m and tagged TOC at 2494m (7 m below LC according to csg tally). Tagged with 2 MT, Parameters: Flow 1700 lpm / SPP 182 bar / String RPM 10 / TQ 7 kNm. MUD weight 1.44 SG.
13:30	17:15	2534	drilling -- casing	ok	Drilled out shoe track. 9 5/8" csg shoe found at 2534 m. Parameters: Flow 1700 lpm / SPP 198-210 bar / String RPM 10 / TQ 5-8 kNm. MUD weight 1.44 SG.
17:15	17:45	2539	drilling -- drill	ok	Cleaned out rathole and 3 m new formation to 2539 m. Parameters: Flow 1800 lpm / SPP 193 bar (rathole)-Flow 2100 lpm / SPP 252 bar (formation) / String RPM 20 / TQ 6-11 kNm. Started displacing to 1.35 SG OBM while drilling new formation.
17:45	20:15	2539	drilling -- circulating conditioning	ok	Continued displacing well to 1.35 sg OBM, Flow 1800 lpm / SPP 165 bar at TD. Displaced choke & kill lines, filled sand traps and filled trip tank with 1.35 sg OBM.
20:15	21:00	2539	formation evaluation -- rft/fit	ok	Circulated until even mud weight 1.35 sg in/out. Pulled 8 1/2" BHA into 9 5/8" shoe track to verify no restriction.
21:00	21:45	2539	formation evaluation -- rft/fit	ok	RIH and pumped 4 m3 LCM pill at 2539 m, Flow 1000 lpm / SPP 61 bar.
21:45	22:30	2440	formation evaluation -- rft/fit	ok	POOH wet to 2440 m. Up weight 141 MT. Cleared drill floor.
22:30	23:45	2440	formation evaluation -- rft/fit	ok	RU TIW, pump-in sub and cmt hose. Meanwhile held tool box talk for FIT. Lined up for pumping down both drill pipe and kill line. Closed pipe ram on BOP. Performed line test to 100 bar /10 min. 0.8% drop. Ok.
23:45	00:00	2440	formation evaluation -- rft/fit	ok	Took FIT equivalent to 1.60 SG, using 1.35 SG OBM. Pumped 70 lpm and applied 60 bars to the string and annulus. Shut down the pump.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	581		pipe handling equ syst -- elevator	0	00:00	BX-elevator not able to close properly due to slack spring in closing mechanism.