

Summary report

Wellbore: 15/9-F-15

Period: 2008-12-04 00:00 - 2008-12-05 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	61
Days Ahead/Behind (+/-):	20.1
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):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
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:	4090
Depth mTVD:	3178
Plug Back Depth mMD:	2309
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)

None

Summary of planned activities (24 Hours)

None

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	2631	plug aband on -- circulating conditioning	ok	Pumped 6m³ 1.35 SG WBM Hi-vis pill at 670 lpm, 33bars. Displaced pill with 1,34 SG OBM 2500 lpm 230 bars.
00:30	01:00	2584	plug aband on -- circulating conditioning	ok	POOH from 2631m to 2584m.
01:00	01:45	2584	plug aband on -- circulating conditioning	ok	Circulated bottoms up with 1.34 SG OBM, 2500 lpm 230 bars, 120 rpm. After 79m³ pumped observed excess Hi-vis pill at the shakers. Continued circulate to clean shakers. Meanwhile held tool box talk prior to set the 3th cement plug.
01:45	02:00	2584	plug aband on -- circulating conditioning	ok	Lined up from cement unit through standpipe and TDS. Closed stand pipe valve and pressure tested line up from cement unit against standpipe valve to 200 bar.
02:00	02:30	2584	plug aband on -- cement plug	ok	Pumped 9.6 m³ of 1.60 SG spacer at 2000 lpm, 106 bars. Chased the spacer with 2 m³ 1.34 SG OBM.
02:30	03:00	2584	plug aband on -- cement plug	ok	Mixed and pumped 12.04 m³ 1.90 SG G-cement at 800 lpm, 51-23 bars. Displaced cement to rig floor with 892 litres Drill water.
03:00	03:15	2584	plug aband on -- cement plug	ok	Displaced cement plug with mud pumps. 19.7m³ 1.34 SG OBM at 2000 lpm, 30 rpm. After 4.4m³ pumped catch the cement. After 460 strokes pumped pulled the string 1m up, while pumping.
03:15	04:30	2229	plug aband on -- cement plug	ok	POOH 2-3 min/stand to 2229 m. Pulled dry. Pumped 1m³ 1.34 SG OBM at 500 LPM to remove the excess cement inside 3½" DP.
04:30	05:00	2127	plug aband on -- trip	ok	Continued POOH from 2229 m to 2127m. Problem with PRS.
05:00	05:15	2127	interruption -- maintain	ok	Investigated fault with PRS. Found VFD Variable frequency drive fault. Fault reset.
05:15	05:30	2008	plug aband on -- trip	ok	Continued POOH from 2127 m to 2008m.
05:30	06:00	2008	plug aband on -- trip	ok	Changed to 5" handling equipment.
06:00	06:30	1928	plug aband on -- trip	ok	POOH with cement stinger on 5" DP from 2009 m to 1928 m MD. Trip speed 162 m/hrs.
06:30	07:15	1928	plug aband on -- other	ok	Pumped 2 ea sponge balls to clean pipe at 2000 lpm / SPP 140 bar / 120 rpm / torque 3-7 kNm.
07:15	07:30	1928	plug aband on -- other	ok	Flowchecked well on triptank - well static.
07:30	08:00	1928	plug aband on -- other	ok	Pumped 5 m³ og 1,7 sg slug and chased same to drillfloor. Allowed mud levels to settle.
08:00	09:45	299	plug aband on -- trip	ok	POOH with cement stinger on 5" DP from 1928 m to 299 m MD. Stopped filling well on 2 last stands of 5" DP in order to allow mud column to drop for forthcoming repair of diverter seals. Trip speed 930 m/hrs.
09:45	10:15	299	plug aband on -- other	ok	Held toolbox talk. Changed from 5" to 3 1/2" handling equipment.
10:15	12:15	0	plug aband on -- trip	ok	POOH with cement stinger on 3 1/2" DP. Laid out 3 1/2" DP singles. Trip speed 150 m/hrs.
12:15	12:45	0	plug aband on -- other	ok	Cleared and tidied drillfloor.
12:45	13:00	0	plug aband on -- wait	ok	Waited on cement. Meanwhile held toolbox talk for removal of diverter.
13:00	13:30	0	plug aband on -- wait	ok	Waited on cement. Meanwhile prepared for pulling diverter. Removed autoslips from RT. Picked up diverter pulling tool. Prepared diverter inserts.
13:30	15:00	0	plug aband on -- wait	ok	Waited on cement. Meanwhile disengaged diverter overshot mechanical seal. Installed 18 inch and 10 inch inserts in diverter. Engaged pulling tool and pulled diverter.
15:00	16:30	0	plug aband on -- wait	ok	Waited on cement. Meanwhile laid down diverter horizontally.
16:30	18:00	0	plug aband on -- wait	ok	Waited on cement. Meanwhile changed primary seal in diverter overshot.
18:00	22:00	0	plug aband on -- wait	ok	Changed primary seal in diverter overshot. Meanwhile waited on cement.

22:00	23:45	0	plug abandon -- cement plug	ok	Changed primary seal in diverter overshot. Meanwhile performed test against cement plug : Closed shear ram. Topped up well with mud by circulating across choke and kill lines. Performed line test against kill valve on BOP - 200 bar / 5 min - ok. Opened kill valve. Pressured up on well against cement plug to 50 bar and observed steady test. Continued pressuring up in 20 bar increments, observed steady test on each level. Tested cement plug #2 to 162 bar / 10 min (0,74 % drop). Pumped and bled back 1022 litres. Meanwhile changed primary seal in diverter overshot.
23:45	00:00	0	plug abandon -- other	ok	Changed primary seal in diverter overshot.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	2631		mud and bulk syst -- mud mixing storage	0	00:00	Problem with mixing found hopper blocked and cell feeder did shut off.
00:00	2127		pipe handling equ syst -- vertical pipe handling equ syst	0	00:00	Investigated fault with PRS. Found VFD Variable frequency drive fault. Fault reset.