

Summary report

Wellbore: 15/9-F-14

Period: 2008-06-07 00:00 - 2008-06-08 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	53
Days Ahead/Behind (+/-):	2.9
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-11-04 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:	2008-06-15

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.67
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	2788
Depth mTVD:	2728.4
Plug Back Depth mMD:	
Depth at formation strength mMD:	2284
Depth At Formation Strength mTVD:	2281
Depth At Last Casing mMD:	2783.5
Depth At Last Casing mTVD:	2728.3

Summary of activities (24 Hours)

Attempted to retrieve the Adjustment Sub Setting Tool with straight pull of 150 MT overpull. Retrieved 10 3/4" Tie back and surface hanger with Adjustment Sub Setting Tool still inside. Installed 'C' plate and 5½" DP elevators on top of 10 3/4" Surface hanger and secured same. Prepared to pull 10 3/4" with Adjustment Sub Setting Tool inside.

Summary of planned activities (24 Hours)

Retrieve Adjustment Sub Setting Tool. Re-RIH with 10 3/4" Tie back casing and surface hanger on Spear and install same. RIH with back up Adjustment Sub Setting Tool and lock 10 3/4" surface hanger.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	28	drilling -- casing	ok	Continued derrick-, moon pool- and cantilever inspection prior to performing straight pull with TDS, to free stuck Adjustment Sub Setting Tool. Serviced TDS, FWD and AFT PRS. Laid out D C's and Jars from derrick. Pressure tested FOSV and Gray valve to 30/345 bars 5/10mins.
06:00	11:00	28	drilling -- casing	ok	Continued with general maintenance on rig floor and in the moon pool. Greased BOP wing valves.
11:00	11:15	28	drilling -- casing	ok	Held tool box talk prior to pull stuck Adjustment Sub Setting Tool with straight pull.
11:15	11:30	28	drilling -- casing	ok	Lined up and filled riser with SW. Closed Annular BOP with 1500 psi. Applied pressure on pistons in tool, by pressuring up well (via kill line) in increments of 10 bars to maximum 50 bars. Reduced annulus pressure to 500 psi.
11:30	14:00	28	drilling -- casing	ok	Worked string up and down as per Drill-Quip instructions. Observed string moved up and latching ring engaged setting tool latching profile. Picked up 30 MT overpull. Bled down annulus and opened annular.
14:00	14:45	28	drilling -- casing	ok	Continued working string up and down, picked up overpull in 30 MT increments to max overpull of 150 MT.
14:45	15:00	28	drilling -- casing	ok	Continued working string up and down to max overpull of 150 MT. While options were discussed with land organisation.
15:00	16:00	28	drilling -- casing	ok	Slacked off string weight to neutral and verified string could be torqued up to 9 kNm. Applied 50 bars inside string to verify setting tool integrity.
16:00	19:30	28	drilling -- casing	ok	Prepared surface equipment to pull 10 3/4" Tie back. Checked dies in both PRS's.
19:30	20:00	28	drilling -- casing	ok	Held tool box talk prior to pull 10 3/4" Tie back and surface hanger.
20:00	21:30	119	drilling -- casing	ok	Drained riser. Engaged slot in Adjustment sub with Dril-Quip Tool. Pressured up on HWDP to 140 bars and activated cylinders in tool. Picked up 30 MT to unseat the hanger. Rotated tool 12 turns anti-clockwise to open up the Adjustment sub. Picked up weight to 4 MT over neutral. Rotated tool anti-clockwise with max 2500 Nm torque to back off Tie back connection. Picked up gently on string, with no overpull after 6 turns of rotation. Continued POOH with 10 3/4" Tie back and surface hanger and set in manual slips and made up dog collar.
21:30	00:00	119	drilling -- casing	ok	Inspected the 10 3/4" surface hanger, found re-run able. Started manufacturing 'C' plate for handling of 5½" HWDP.

Drilling Fluid

Sample Time	04:00
Sample Point	Active pit
Sample Depth mMD	2788
Fluid Type	OBM-Standard
Fluid Density (g/cm3)	1.31
Funnel Visc (s)	-999.99
Mf (I)	
Pm (I)	
Pm filtrate (I)	
Chloride (I)	
Calcium (I)	
Magnesium (I)	
Ph	
Excess Lime (I)	
Solids	
Sand (I)	
Water (I)	
Oil (I)	
Solids (I)	
Corrected solids (I)	
High gravity solids (I)	
Low gravity solids (I)	
Viscometer tests	

Plastic visc. (mPa.s)	22
Yield point (Pa)	8.5
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT (degC)	120
Comment	

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2788		1.03	estimated