

Summary report

Wellbore: 15/9-F-14

Period: 2008-06-08 00:00 - 2008-06-09 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	54
Days Ahead/Behind (+/-):	2.1
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)

Pulled Tie-back casing hanger. Retrieved Adjustment Sub Setting Tool. Picked up back up hanger. Installed 10 3/4" Tie back casing and pressure tested same to 345 bars 10 mins. Installed 10 3/4" MS-T seal assy and tested same 345 bars 10 mins. Set 10 3/4" Bowl protector. Prepared for retrieval of the RTTS. RIH with RTTS pulling tool from surface to 10m.

Summary of planned activities (24 Hours)

RIH RTTS pulling tool on DP and retrieve RTTS plug at 350 m, POOH with same. Make up 8½" drilling assy and RIH same. Start drill out shoe track.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:45	119	drilling -- casing	ok	Continued manufacturing 'C' plate for handling of 5½" HWDP. Laid out one DC.
01:45	02:15	119	drilling -- casing	ok	Held tool box talk and SJA prior to run in with 5½" HWDP and brake out top double and lay out same.
02:15	02:45	119	drilling -- casing	ok	Ran in with 5½" HWDP. Picked up and took weight, not possible move up, found Adjustment sub setting tool hung up in casing collar between casing jnt and space out pup. Continued RIH and positioned HWDP collar above 10 3/4" surface hanger.
02:45	03:30	119	drilling -- casing	ok	Serviced broke HWDP collar, picked up HWDP. Installed 'C' plate and 5½" DP elevators on top of 10 3/4" Surface hanger and secured same.
03:30	03:45	119	drilling -- casing	ok	Backed out HWDP double and parked same with AFT PRS.
03:45	04:00	119	drilling -- casing	ok	Held tool box talk prior to change elevators to 10 3/4" casing, changing for longer bails and rig up 10 3/4" casing tong.
04:00	06:00	119	drilling -- casing	ok	Changed elevators to 10 3/4" casing. Changed for longer bails and rigged up 10 3/4" casing tong.
06:00	06:30	103	drilling -- casing	ok	Rigged up 10 3/4" casing tong.
06:30	07:00	103	drilling -- casing	ok	Pulled 10 3/4" surface hanger and space out pup up into the rotary table and broke connection. Pulled up the 10 3/4" surface hanger and space out pup with the inner string and surfaced the Adjustment Sub Setting Tool. Inspected the Adjustment Sub Setting Tool and found the engaging ring broken and deformed. Removed the ring.
07:00	11:30	119	drilling -- casing	ok	Held tool box talk and made up the 10 3/4" surface hanger, ran in same and landed off in RT. Changed to BX4 DP elevator and rigged down the 10 3/4" casing tong. Made up the 5½" HWDP double. Removed the 'C' plate and retrieved the 5½" HWDP stand and racked back in derrick. Pulled the Adjustment Sub Setting Tool and laid out same. Retrieved the 5½" HWDP stand below Adjustment Sub Setting Tool and racked back in derrick.
11:30	12:30	119	drilling -- casing	ok	Held tool box talk and rigged up 10 3/4" casing tong and changed to BX3 10 3/4" casing elevators. Pulled the 10 3/4" surface hanger with space out pup.
12:30	13:45	103	drilling -- casing	ok	Held tool box talk and laid out 10 3/4" surface hanger with space out pup.
13:45	15:00	119	drilling -- casing	ok	Picked up new space out pup and back up 10 3/4" surface hanger and made up same. Ran and landed off in rotary table.
15:00	16:15	119	drilling -- casing	ok	Changed to 5½" DP BX4 elevator and made up spear assy. Made up spear to HWDP and RIH and engaged the spear in the 10 3/4" casing.
16:15	17:30	140	drilling -- casing	ok	RIH with surface hanger and tagged Tie back. Rotated the string with 1 rpm and screwed into the Tie back. Torqued up in 500 Nm stages with 13 MT overpull to final torque of 10,500 Nm.
17:30	18:00	140	drilling -- casing	ok	Released the spear and POOH with same. Broke off TDS and racked back spear in derrick.
18:00	18:30	140	drilling -- casing	ok	Rigged down 10 3/4" casing tong.
18:30	19:00	140	drilling -- casing	ok	Made up 5½" HWDP and XO.
19:00	21:15	140	drilling -- casing	ok	Held tool box talk and picked up the back up Adjustment Sub Setting Tool and made up same to one 5½" HWDP. RIH with the Adjustment Sub Setting Tool and engaged the Adjustment Sub Setting Tool at profile. Applied 140 bars inside the Setting Tool, compressed Adjustment Sub as per Drill-Quip instruction, rotated totally 14.4 turns. Took 30 MT overpull. Set down string to neutral weight and bled of the pressure, waited for 5 mins for locking dog to relax.
21:15	21:45	140	drilling -- casing	ok	POOH with Adjustment Sub Setting Tool, laid out same and racked back 5½" HWDP in derrick.
21:45	22:00	140	drilling -- casing	ok	Picked up spear assy and broke/laid out same, racked 5½" HWDP in derrick.
22:00	23:15	140	drilling -- casing	ok	Held tool box talk and picked up the HRT with 2 meter DP handling pup. Inspected threads and O-ring seal. RIH with the HRT and made up HRT to the 10 3/4" surface hanger by 10 left hand turns.
23:15	00:00	140	drilling -- casing	ok	Lined up and leak tested the cement line to rig floor 345 bars 5 mins. Bled of pressure and lined up and leak tested the 10 3/4" Surface tie back casing against the RTTS at 350m, 345 bars 10 mins with SW, volume pumped 409 litres and had 409 in returns.

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 ()	
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)	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

Casing Liner Tubing

Start Time	
End Time	
Type of Pipe	Casing
Casing Type	
Outside diameter (in)	10.75
Inside diameter (in)	9.66
Weight (lbm/ft)	60.7
Grade	13 Cr-80
Connection	Vam TOP
Length (m)	120
Top mMD	20.5
Bottom mMD	140.5
Description	
Comment	