

Summary report

Wellbore: 15/9-F-11 B

Period: 2016-09-26 00:00 - 2016-09-27 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	9
Days Ahead/Behind (+/-):	6.2
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-05-28 14:30
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:	2013-06-12

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.65
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	-999.99
Depth mTVD:	
Plug Back Depth mMD:	2853
Depth at formation strength mMD:	3192
Depth At Formation Strength mTVD:	2780
Depth At Last Casing mMD:	4768.7
Depth At Last Casing mTVD:	3257

Summary of activities (24 Hours)

- Finished pulling 10 3/4in casing to X-over
- Pulled 9 5/8in casing
- Installed 14in EZSV (lower)
- Cut 14in casing
- Punched below 14in subsea casing hanger
- Installed 14in EZSV (upper)
- Displaced C-annulus to sea water

Summary of planned activities (24 Hours)

- WOC until 22:20
- Start pressure testing C-annulus cement plug

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	256	plug abandon -- equipment recovery	ok	Continued to POOH with 10 3/4in casing from 334 to 256m. Average pulling speed 8,7 joints/hr
00:30	00:45	256	plug abandon -- equipment recovery	ok	Performed Pre-job Meeting to change handling gear
00:45	01:00	256	plug abandon -- equipment recovery	ok	Changed handling equipment for 9 5/8in casing
01:00	01:45	256	plug abandon -- equipment recovery	ok	Attempted to break 10 3/4in x 9 5/8in X-over. Not able to set tongs on the x-over due to no handling pup and OD of x-over bigger than collar of 10 3/4in. Repositioned x-over below and set lower tong jaws (adjustable) on x-over, confirmed length above 9 5/8in collar is not too long to pick up with elevator. Broke 10 3/4in joint from x-over and L/D x-over together w/ 9 5/8in joint
01:45	02:00	232	plug abandon -- equipment recovery	ok	Changed BX inserts to 9 5/8in
02:00	04:45	0	plug abandon -- equipment recovery	ok	Continued to POOH with 9 5/8in casing from 232 to 0m. Used manual slips. Average pulling speed 7,6 joints/hr, totally pulled 61 joints. Meanwhile finished w/ pumping postflush after batch#3 of drilling slop on F-4. Total drilling slop pumped for batch#3 of 250m3, postflush pumped of 140m3 (after batch#3), 1000l/min - 150bar. Stopped injection for 2 hours
04:45	05:00	0	plug abandon -- equipment recovery	ok	Cleaned and cleared rig floor
05:00	05:15	0	plug abandon -- equipment recovery	ok	Performed Pre-job Meeting to R/D casing tong
05:15	06:30	0	plug abandon -- equipment recovery	ok	R/D casing tong
06:30	06:45	0	plug abandon -- other	ok	Performed Pre-job Meeting to M/U combined cutter/EZSV plug BHA (run#21)
06:45	07:30	13	plug abandon -- mechanical plug	ok	P/U cutting assy and broke off taper mill. M/U M/U combined cutter/EZSV plug BHA (run#21)
07:30	07:45	13	plug abandon -- other	ok	Removed master bushing, installed drill pipe slips
07:45	09:30	878	plug abandon -- other	ok	RIH w/ combined cutter/EZSV plug BHA (run#21) from 13 m to 878 m . Average tripping speed 500 m/hr. Meanwhile continued w/ pumping drilling slop batch#4 on F-4. Total preflush pumped of 70m3 (before batch#4), 1000l/min - 145bar
09:30	09:45	878	plug abandon -- mechanical plug	ok	Set EZSV @ 877.5m. Released running tool w/ +/- 25t overpull, tagged plug w/ 10 ton
09:45	10:30	868	plug abandon -- cut	ok	Established and recorded parameters before cutting casing. 80 rpm - 1-6 kNm, 400 l/min - 42 bar, 500 l/min - 60 bar, 600 l/min - 83bar. Cut casing @ 867.5m, 80rpm, 22 kNm, 400 l/min - 42bar. Observed good indication of cut: pressure dropped to 5 bar when cut performed, pulled up 1m and pressure increased to 42bar again. Meanwhile continued w/ pumping drilling slop batch#4 on F-4, started pumping drilling slop, Batch#4, 1000l/min - 145bar
10:30	10:45	868	plug abandon -- cut	ok	Flow checked well. Static. Dropped drift inside stand #22
10:45	12:15	0	plug abandon -- cut	ok	POOH wet w/ combined cutter/EZSV tool BHA (run#21) from 868 m to 0 m. Avg. tripping speed 580 m/hr. Used mud bucket
12:15	12:30	0	plug abandon -- cut	ok	Removed drill pipe slips, installed master bushing
12:30	13:00	0	plug abandon -- cut	ok	Broke off and L/D EZSV running tool and X-overs, M/U taper mill to bottom of cutter and L/D cutter assembly
13:00	13:15	0	plug abandon -- perforate	ok	Performed Pre-job Meeting to P/U perforation BHA (run#22). Meanwhile changed BX inserts to 4,5in
13:15	14:15	15	plug abandon -- perforate	ok	P/U perforation BHA (run#22)
14:15	14:45	146	plug abandon -- perforate	ok	RIH w/ perforation BHA (run#22) from 15 m to 145,5 m (btm shot)

14:45	15:15	146	plug abandon -- perforate	ok	Closed UPR, opened choke. Applied 10 bar on IBOP. Opened IBOP to confirm line up. Filled string. Opened UPR, Broke off TDS and dropped 1 3/8 ball in string. M/U TDS. Closed UPR and opened choke. Fired guns with 160 l/min - 138 bar. Top shot at 142,5m, bottom shot at 145,5m. Continued to circulate w/ 160l/min - 2 bar. No gas observed in returns
15:15	15:45	146	plug abandon -- perforate	ok	Increased pump rate to 1000l/min. Pressure went up to 25 bar and then dropped and stabilized at 4 bar. Circulated 1x BU, observed small losses, quickly stabilized, gas reading close to 0 in fluid and no readings in air. Stopped pumps
15:45	16:15	146	plug abandon -- perforate	ok	Flowchecked well over the choke for 15 min. Stable. Open UPR, flow checked well with BOP open, stable. Meanwhile finished w/ pumping postflush after batch#4 of drilling slop on F-4. Total drilling slop pumped for batch#4 of 220m3, postflush pumped of 140m3 (after batch#4), 1000l/min - 145bar. Stopped injection
16:15	16:30	15	plug abandon -- perforate	ok	POOH w/ perforation BHA (run#22) from 146 m to 15 m
16:30	17:00	0	plug abandon -- perforate	ok	L/D perforation BHA (run#22). All shots fired
17:00	17:15	0	plug abandon -- other	ok	Performed Pre-job Meeting to P/U EZSV assembly (run#23)
17:15	18:00	3	plug abandon -- mechanical plug	ok	P/U EZSV assembly (run#23)
18:00	19:45	845	plug abandon -- other	ok	P/U 2x 3m pup joints and 1x 1.5m pup joint for spaceout and RIH w/ EZSV assembly to 845m. Average running speed 480m/hour
19:45	20:00	845	plug abandon -- cement plu g	ok	M/U side entry sub assembly
20:00	20:45	855	plug abandon -- mechanical plug	ok	M/U TDS and recorded weights up/down 98t/91t. Washed setting area w/ L/min. Set EZSV plug at 855,3m, tagged plug w/ 10t and keep 10t weight on EZSV
20:45	21:00	855	plug abandon -- cement plu g	ok	Closed UPR, confirmed line up through the choke and MGS
21:00	22:45	855	plug abandon -- cement plu g	ok	Pumped 10m3 Hi-vis pill at 900l/min - 14bar, continued to displace C-annulus to sea water, staged up pumps to 1700l/min - 38bar. Max gas 2,6%, 1-2 ppm H2S in fluid. Oil base mud in returns initially and sea water towards the end. Totally sea water pumped of 1,4x BU
22:45	23:00	855	plug abandon -- cement plu g	ok	Opened UPR and closed choke, flow checked the well. Stable. Meanwhile held TBT before cement job
23:00	23:15	855	plug abandon -- cement plu g	ok	Connected cement hose and LT valve
23:15	00:00	855	plug abandon -- cement plu g	ok	Pumped 20m3 wash pill ahead of cement job, 1300l/min - 13,4bar. Verified line up for cement job