

Summary report

Wellbore: 15/9-F-12

Period: 2016-08-21 00:00 - 2016-08-22 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	8
Days Ahead/Behind (+/-):	2.6
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2007-03-15 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:	2007-08-26

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.6
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	-999.99
Depth mTVD:	
Plug Back Depth mMD:	2775
Depth at formation strength mMD:	3116
Depth At Formation Strength mTVD:	2863
Depth At Last Casing mMD:	3519
Depth At Last Casing mTVD:	3107.8

Summary of activities (24 Hours)

- Attempted to release tieback adapter several times w/ no success
- Perforated below 10 3/4in subsea csg hanger
- Circulated gas out

Summary of planned activities (24 Hours)

- Cut 10 3/4in csg at 890m
- Release tieback adapter using left hand string
- Pulled tieback adapter with spear
- Mill 10 3/4in subsea csg hanger
- Retrieve 10 3/4csg to surface w/ spear

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:15	0	plug abandon -- other	ok	Continued to RIH w/ torque tool to 117m
00:15	01:15	0	plug abandon -- other	ok	M/U TDS and RIH, engaged to tie-back adapter. Marked pipe. Attempted to back out adapter counter clockwise. Broke at 39kNm. Measured distance 1,5in after 5 turns. Suspected broken at connection. M/U back to 1kNm. POOH, visually checked every connection. Observed connection above X-over broke.
01:15	03:00	0	plug abandon -- other	ok	Cleaned X-over connection and M/U to HWDP without applying pipe dope. All connections M/U to 67kNm, Saver sub M/U to 50kNm. RIH, engaged to tie-back adapter. Marked pipe. Attempted to back out adapter counter clockwise. Broke at +/-39kNm. Measured distance 1,5in after 5 turns. Suspected at connection. M/U back to 1kNm. POOH, visually checked every connection. Observed connection above X-over broke.
03:00	04:45	0	plug abandon -- other	ok	Cleaned X-over connection and M/U to HWDP to 74kNm without applying pipe dope. All DP connections M/U to 67kNm, Saver sub M/U to 50kNm. RIH, engaged to tie-back adapter. Marked pipe. Attempted to back out adapter counter clockwise. Broke at +/-39kNm. Observed Saver sub connection broke. M/U saver sub again to 50kNm and attempted to break. Observed Saver sub connection broke.
04:45	05:00	0	plug abandon -- other	ok	R/U manual tong and held TBT for use of manual tongs
05:00	07:00	0	plug abandon -- other	ok	Trapped 20 kNm in with shaft and applied TDS break. Put tong on and pulled 20 kNm, released brake and pulled with tong to 25k n/m. Applied TDS brake. Pulled up to max 30kNm with Rig tong, observed torq reduced on TDS Shaft. Took off Rig tong, rotated TDS counter clockwise to make sure free. Made string back up to 2kNm. POOH, visually checked all connections. No connections have been observed backed out
07:00	07:30	0	plug abandon -- other	ok	Started RIH w/ torque tool
07:30	07:45	0	plug abandon -- other	ok	Carried out weekly HSE drill, table top exercise regarding volumetric well control
07:45	09:15	0	plug abandon -- other	ok	Continued RIH w/ torque tool. Engaged to tie-back adapter. Marked pipe. Attempted to back out adapter counter clockwise. Applied 25kNm in steps before pipe started to rotate. Than rotated free at 2kNm. Measured distance 1,5in after 5 turns. POOH. Observed no torque tool/X/over on the drill pipe - left in hole
09:15	10:15	0	plug abandon -- other	ok	RIH w/ DP from surface to 137 m. M/U TDS and latched on to fish. POOH from to surface. L/D torque tool
10:15	10:45	0	plug abandon -- other	ok	P/U Left hand Tie-back adapter torque tool and M/U to X/O
10:45	12:00	0	plug abandon -- other	ok	RIH torque tool on 5,5in left hand DP. From surface to 140. P/U singles from cantilever
12:00	12:45	0	interruption -- repair	ok	Left hand X-over arrived on the rig. Inspected and discovered it was right hand X-over. Evaluated situation. Meanwhile performed hydraulic test on BX4.
12:45	14:00	0	plug abandon -- other	ok	P/U 1x more joint of DP and M/U to string. Attempted to break off Tie-Back adapter using rig tongs on DP. Pulled +/- 28kNm. Cathead fully stroked out. No success
14:00	14:30	0	interruption -- repair	ok	Evaluated situation. Meanwhile performed tests on Aft iron roughneck
14:30	15:15	0	plug abandon -- other	ok	POOH from 140m to surface. L/D torque tool. Clean and clear rig floor
15:15	15:30	0	plug abandon -- other	ok	Performed Pre-job Meeting to P/U drill collars from deck
15:30	17:45	0	plug abandon -- other	ok	P/U and RIH 8,25 DC from surface to 90m (9 joints). R/B same in derrick
17:45	18:00	0	plug abandon -- perforate	ok	Performed Pre-job Meeting to P/U guns
18:00	18:15	0	plug abandon -- perforate	ok	R/U to run guns

18:15	19:00	0	plug abandon -- perforate	ok	P/U and M/U TCP gun BHA from surface to 17m
19:00	19:15	0	plug abandon -- perforate	ok	Performed Pre-job Meeting to handle guns w/ new crew
19:15	19:30	0	plug abandon -- perforate	ok	Continued to M/U guns BHA to 18m
19:30	20:30	0	plug abandon -- perforate	ok	RIH w/ guns on 5,5in DP to 138m
20:30	21:00	0	plug abandon -- perforate	ok	M/U TDS and positioned guns at 151.7m, closed UPRs and applied 20 bar to IBOP, opened to confirm line up. Up/down weights 72t/68t, flushed ball seat with 222 l/min. Opened UPRs, broke out connection and dropped 1 3/8in ball. M/U connection and positioned guns at firing depth 144,5-147,5m (top-bottom shot), closed UPRs and lined up through fully open Choke
21:00	21:30	0	plug abandon -- perforate	ok	Pumped down ball with 160 l/min, sheared ball seat at 150 bar. Indication of guns firing (sound, vibration on surface). Top shot at 144,5m. bottom shot at 147,5m. Continued pumping with 150 l/min until returns, increased to 770 l/min, observed slight gain of 500ltr and then losses of 60m3/hr. Pumped 1,5 times btms up, gas observed and still on losses
21:30	22:15	0	plug abandon -- perforate	ok	Stopped pumping, left choke open and opened UPRs, observed increase in flow. Close UPRs and closed choke, monitored for pressure on choke. Initially 1 bar, slowly increased to 2.9 bar then leveled out. Opened choke and slowly bled off pressure to 1 bar, closed choke and monitored for pressure build up, ok, no build up observed
22:15	23:30	0	plug abandon -- perforate	ok	Opened choke and circulated with UPRs closed with 760 l/min, initially observed 60m3/hr losses. After confirmed returns increased flow rate to 890 l/min - 2,5 bar, max gas of 4.3%. Continued circulating until gas content curve showed downward trend. Total losses since punch 21m3
23:30	23:45	0	plug abandon -- perforate	ok	Stopped pumping and flowchecked through fully open choke, static. Opened UPRs and flowchecked on trip tanks, static
23:45	00:00	0	plug abandon -- perforate	ok	Started POOH from 147m

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	0		miscellaneous equ syst -- wellhead subsea run test	0	00:00	back up THRT not being able to communicate with DHSV