

Summary report

Wellbore: 15/9-F-12

Period: 2016-08-17 00:00 - 2016-08-18 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	4
Days Ahead/Behind (+/-):	.9
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 ():	
Pressure ():	
Date Well Complete:	2007-08-26

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

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	-999.99
Depth mTVD:	
Plug Back Depth mMD:	
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)

- Finished N/U BOP. Performed connector test
- RIH w/ THRT, locked to TH
- Open shallow set barrier plug
- Troubleshoot communication w/ DHSV

Summary of planned activities (24 Hours)

- Pull 500m of 7in tubing
- Run USIT log in 9 5/8csg

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	0	plug abandon	ok	Installed halfmoon hatches and master bushing, released BOP NT2 connector from stump. Continued pressure testing Kill and Choke Manifold
00:30	01:15	0	plug abandon	ok	Skidded BOP to well center, moved port and stb tension cylinders in order to land off BOP on HP Riser Stump. Installed seal and land off BOPs. Meanwhile continued pressure testing Kill and Choke Manifold
01:15	01:30	0	plug abandon	ok	Performed Pre-job Meeting to connect tension cylinders. Meanwhile continued pressure testing Kill and Choke Manifold
01:30	02:30	0	plug abandon	ok	Connected all 4 tension cylinders to BOP carrier. Meanwhile continued pressure testing Kill and Choke Manifold
02:30	03:15	0	plug abandon	ok	P/U and run slick joint, retracted TDS. Removed master bushing and outer ring, run down and landed off slick jnt and M/U 4x studs
03:15	04:45	0	plug abandon	ok	P/U and RIH w/ diverter and land off same. Continued to M/U rest of studs on slick jnt
04:45	05:00	0	plug abandon	ok	Performed Pre-job Meeting to build scaffolding -- other
05:00	06:15	0	plug abandon	ok	Built scaffolding around HP Riser. Meanwhile removed lifting chains from TDS. Prepared and M/U test assembly for pressure testing TDS
06:15	07:00	0	plug abandon	ok	Started M/U NT2 connector
07:00	07:15	0	plug abandon	ok	Performed Pre-job Meeting to M/U NT2 connector w/ new crew
07:15	09:00	0	plug abandon	ok	Finished M/U NT2 connector between BOP and riser. Meanwhile performed pressure test on TDS. Test NO. 1 and Test NO. 2, Kelly hose, Upper IBOP
09:00	09:30	0	plug abandon	ok	Performed load shift from BOP carriers to tension system and pressurized diverter system. Meanwhile continued TDS pressure test. Test NO. 3, Lower IBOP
09:30	10:15	0	plug abandon	ok	Filled up riser and BOP with SW, closed BSR and pressure tested BOP/connector through Kill line to 20/345bar for 5/10min. Meanwhile performed TBT for rig up casing handling equipment
10:15	11:45	0	plug abandon	ok	R/U casing tong and changed BX inserts to 7inch -- other
11:45	12:00	0	plug abandon	ok	Cleaned and cleared rig floor
12:00	12:15	0	plug abandon	ok	P/U THRT and make up to first joint of the landing string
12:15	13:15	0	interruption -- repair	ok	Overtorqued connection between THRT and first joint due to wrong tong setting. Troubleshoot, broke out and inspected treads. Damaged. L/D damaged pup joint and THRT
13:15	13:45	0	interruption -- repair	ok	Broke off 2x pup joints from first landing string joint
13:45	14:00	0	interruption -- repair	ok	P/U backup THRT and first landing string joint
14:00	14:30	0	interruption -- repair	ok	L/D back up THRT due to it not being able to communicate with DHSV
14:30	14:45	0	interruption -- repair	ok	Prepared to P/U primary landing string. Meanwhile perform maintenance on BOP control system
14:45	15:45	0	interruption -- repair	ok	P/U primary THRT, broke off damaged pup joint and L/D same. Replaced with new pup joint and M/U to THRT
15:45	16:00	0	interruption -- repair	ok	P/U primary landing string
16:00	16:30	0	plug abandon	ok	P/U 3x pup joints and M/U to THRT, RIH to 22m -- other
16:30	16:45	0	plug abandon	ok	POOH landing string to surface. Prepared and connected control lines to THRT -- other
16:45	17:30	0	plug abandon	ok	RIH with THRT and landed on the tubing. M/U THRT to TH
17:30	17:45	0	plug abandon	ok	Performed Pre-job Meeting for pumping open ME plug -- other
17:45	18:00	0	plug abandon	ok	Dropped 2in ball inside landing string and M/U swedge with 1502 weco to 7in tubing -- other
18:00	19:00	0	interruption -- repair	ok	Lined up to line test. Go to low pressure 20bar. Cement pump tripped. Troubleshoot. Meanwhile lift remaining tubing handling equipment to rig floor. Reel and compact spider slips

19:00	19:15	0	plug abandon -- other	ok	Continued w/ line test. Meanwhile prepared rigfloor for second reel
19:15	20:00	0	plug abandon -- other	ok	Connected cement hose to pumping swedge and applied 20 bar to confirm line up. Continued to pressure up to 60 bar (unable to stop at 50 bar due to pressure building up to fast), no indication of opening of the Pump-open sub in ME plug. Bled off. Waited 5 min t o let plug reset. Note: Plug supposed to open at 40 bar.
20:00	20:30	0	plug abandon -- other	ok	Pressured up well to 50 bar w/ cement unit. Did not observe signs of Pump-open sub in ME plug opening . Bled off pressure via choke Meanwhile: - Called and consulted Interwell duty support. Agreed to pump up to 100bar to try to open plug. - Continued to rig up reels.
20:30	20:45	0	plug abandon -- other	ok	Started to pressured up well with constant rate of 50 l/min. Observed clear change of pressure trend at 56 bar indicating opening of Pump-open sub in ME plug Stopped pressuring up at 102 bar
20:45	21:15	0	plug abandon -- other	ok	Bled off pressure and monitor well on fully closed choke, no pressure build up.
21:15	21:45	0	interruption -- repair	ok	Pressured up well to equalize and open DHSV, applied 130 bar to string, observed DHSV equalizing and opening at 122bar. Pressured up control lines to 520 bar. Bled off tubing pressure to zero via choke to trip tank. Returns 60 liters indicating that DHSV closed after pressure above is pled off. Repeated equalizing and bleeding off sequence and observed same volume bled off
21:45	22:30	0	interruption -- repair	ok	Confirmed 520 bar on control line and applied 140 bar to the well, 170 liters pumped and 90 liters returned. Meanwhile evaluated situation. Discussed situation w/ onshore organisation.
22:30	22:45	0	interruption -- repair	ok	Applied 100 bar to tubing. Disconnected cement hose and bled off directly into a drum. 51 liters returned indicating that DHSV was closed
22:45	23:00	0	interruption -- repair	ok	Reconnected cement hose to tubing. Meanwhile held TBT to swap hydraulic pump to pressure up control line for DHSV
23:00	00:00	0	interruption -- repair	ok	Connected another hydraulic pump to control line, applied 520bar to control line. Started pressuring up tubing while monitoring gauge on the hydraulic pump for indications of DHSV sleeve movement. Observed DHSV equalized and opened at 146 bar and stop pressuring up at 152bar. No indication of DHSV sleeve movement. Bled off pressure, volume returned 60 liters. 152bar trapped below DHSV