

Summary report

Wellbore: 15/9-F-12

Period: 2007-07-19 00:00 - 2007-07-20 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	37
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
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 (in):	26
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.2
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1369
Depth mTVD:	0
Plug Back Depth mMD:	
Depth at formation strength mMD:	251
Depth At Formation Strength mTVD:	251
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

Summary of activities (24 Hours)

POOH with BOP test plug. Installed nominal seat protector. Made repairs on PRS due to bursted hose. Made up 17 1/2" drilling BHA and RIH with same to 1000 m MD.

Summary of planned activities (24 Hours)

Drill out 20" shoetrack and drill rathole. Displace well to 1,35" KCl mud. Perform XLOT. Start drilling 17 1/2" hole.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	0	drilling -- bop/ wellhead equipment	ok	Picked up bull nose jetting sub, test plug and RIH same.
00:45	01:30	0	drilling -- bop/ wellhead equipment	ok	Unable to RIH due 19" diverter insert still installed. Removed same.
01:30	02:15	142	drilling -- bop/ wellhead equipment	ok	Ran in with test plug and jet sub from surface to 135m. Washed down to 142m at 1700 lpm and 75 rpm.
02:15	03:00	217	drilling -- bop/ wellhead equipment	ok	Ran in and landed off test plug in well head.
03:45	04:45	217	drilling -- bop/ wellhead equipment	ok	Held tool box talk prior to pressure test of the BOP NT2 connection and HPDR. Commenced pressure test 25/345 bars 5/10 min. Started to pull out of hole when hydraulic hose bursted on the iron roughneck rollers.
04:00	05:00	200	drilling -- bop/ wellhead equipment	ok	Repaired hydraulic hose and fitting.
05:00	06:00	0	drilling -- bop/ wellhead equipment	ok	POOH with test plug and jet sub assy.
06:00	07:00	0	drilling -- bop/ wellhead equipment	ok	Broke and laid down BOP test plug and jet sub.
07:00	07:15	0	drilling -- bop/ wellhead equipment	ok	Held toolbox talk prior to running nominal seat protector.
07:15	07:45	30	drilling -- bop/ wellhead equipment	ok	Made up WBRT/nominal seat protector and RIH on 5 1/2" DP.
07:45	09:45	30	interruption -- other	ok	Malfunction on AFT PRS. investigated situation, found bursted hose in dragchain.
09:45	12:15	30	interruption -- other	ok	Brought work basket to drillfloor. Prepared permit and repaired hose in dragchain.
12:15	12:30	30	interruption -- other	ok	Tested AFT PRS after repair. Found hose in dragchain to be tight but otherwise ok. Decided to use FWD PRS to continue RIH with WBRT/nominal seat protector.
12:30	14:00	140	drilling -- bop/ wellhead equipment	ok	Continued to RIH with WBRT/nominal seat protector on 5 1/2" DP.
14:00	14:15	140	drilling -- bop/ wellhead equipment	ok	Set nominal seat protector according to Vetco procedure at 141,3 m MD. Set down 5 MT, pull tested with 3 MT overpull.
14:15	15:00	0	drilling -- bop/ wellhead equipment	ok	POOH with WBRT, broke out and laid down same.
15:00	15:15	0	interruption -- other	ok	Held toolbox talk prior to removing diverter.
15:15	16:45	0	interruption -- other	ok	Picked up diverter and set aside. Thightened slick-joint/overshot connection on the BOP. Filled riser with water and verified connection holding hydrostatic pressure. Installed diverter in housing.
16:45	18:00	0	drilling -- trip	ok	Clear and tidied rigfloor. Held toolbox talk prior to making up 17 1/2" drilling BHA.
18:00	19:45	50	drilling -- trip	ok	Made up 17 1/2" drilling BHA to ADN sub.
19:45	21:15	50	drilling -- trip	ok	Fenced off drillfloor and WH module prior to handling RA source. Transferred RA source from shipment container to installation carrier. Attempted to install RA source in ADN - nogo.
21:15	22:15	50	interruption -- rig up/down	ok	Made several attempts to install the RA source in the ADN sub - nogo. Attempted with dummy RA source - ok.
22:15	23:30	50	interruption -- rig up/down	ok	Discussed situation, suspected thread damage on RA source. Decided to change to backup ADN and RA source. Moved RA source from installation carrier to shipment container, thread mated correctly inside shipment container. Reconsidered action and made new attempt to install RA source. Removed adapter on ADN and transferred source directly from the installation carrier into the ADN. Installed RA source successfully.
23:30	00:00	70	drilling -- trip	ok	Continued to make up 17 1/2" drilling BHA. Made up NM drillcollar.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
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00:00	1262		pipe handling equ syst -- other	0	00:00	-
00:00	0		well control equ syst -- other	0	00:00	Had to tighten slickjoint/overshot connection on BOP
00:00	30		pipe handling equ syst -- vertical pipe handling equ syst	0	00:00	Burst hose on AFT PRS.

Drilling Fluid

Sample Time	10:00	22:00
Sample Point	Reserve pit	Reserve pit
Sample Depth mMD	1369	1369
Fluid Type	HPWBM	HPWBM
Fluid Density (g/cm3)	1.35	1.35
Funnel Visc (s)	-999.99	-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)	38	37
Yield point (Pa)	17.5	20.5
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT ()		
Comment		

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	1357		1	estimated

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
101	Schlumberger	1353	2573	POWERPULSE - Schlumberger	-999.99