

Summary report

Wellbore: 15/9-F-12

Period: 2007-07-29 00:00 - 2007-07-30 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	47
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 ():	
Pressure ():	
Date Well Complete:	2007-08-26

Dist Drilled (m):	0
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.7
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2513
Depth mTVD:	2427
Plug Back Depth mMD:	
Depth at formation strength mMD:	1353
Depth At Formation Strength mTVD:	1353
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

Summary of activities (24 Hours)

Made up 17 1/2" BHA. Troubleshoot problems with fingerboard. RIH with 17 1/2" drilling BHA to 2513 m MD. Drilled 17 1/2" hole from 2513 m MD to 2523,5 m MD. Circulated hole clean prior to drilling Ty formation.

Summary of planned activities (24 Hours)

Drill well to prognosed TD at 2594 m MD. Circulate hole clean. POOH with 17 1/2" drilling BHA.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	0	drilling -- trip	ok	Broke out 17 1/2" PDC bit using bit breaker and manual tongs. Made up new 17 1/2" rock bit to Powerdrive. Torqued bit to 37000 ft lbs using manual tongs. Gauged bit, checked nozzles and rollers.
00:45	03:00	9	drilling -- trip	ok	Broke out an laid down ADN, Sonic and ARC tools. RIH with Powerdrive and hung off same in rotary. Cleared drillfloor and prepared for service on TDS.
03:00	04:30	9	interruption -- main train	ok	Worked on TDS. Checked TDS for noise while rotating. Changed gear oil on TDS.
04:30	06:00	30	drilling -- trip	ok	Made up and RIH with backup ARC, backup Sonic and Powerpulse.
06:00	06:45	40	drilling -- trip	ok	Made up ADN to 17 1/2" drilling BHA.
06:45	07:45	40	drilling -- trip	ok	Held toolbox talk. Connected TDS and tested MWD tool pumping at 3000 lpm / SPP 50 bar - ok.
07:45	10:15	40	drilling -- trip	ok	Held toolbox talk. Transferred and installed RA source in ADN tool using tranfer shield and transfer rod. Had problems to function fingers on collar fingerboard.
10:15	10:30	40	interruption -- other	ok	Troubleshoot fingerboard communication with AD control panel.
10:30	11:15	205	interruption -- other	ok	RIH with 17 1/2" drilling BHA from 40 m to 205 m MD on 5 1/2" HWDP to locate RA source below sealevel.
11:15	14:15	205	interruption -- other	ok	Continued to work on collar fingerboard.
14:15	14:45	40	interruption -- other	ok	POOH with 17 1/2" drilling BHA from 205 m to 40 m MD on 5 1/2" HWDP.
14:45	15:00	40	interruption -- other	ok	Held toolbox talk prior to operating collar fingers manually.
15:00	16:00	200	drilling -- trip	ok	RIH with 17 1/2" drilling BHA on DC and 5 1/2" HWDP from 40 m to 200 m MD.
16:00	16:30	200	drilling -- trip	ok	Removed master bushing. Installed automatic slips.
16:30	18:30	1031	drilling -- trip	ok	RIH with 17 1/2" drilling BHA on 5 1/2" DP/HWDP from 200 m to 1031 m MD. Had problems with fingerboard. Meanwhile performed well control drill.
18:30	19:00	1031	interruption -- other	ok	Troubleshoot fingerboard.
19:00	19:45	1345	drilling -- trip	ok	Continued to RIH with 17 1/2" drilling BHA on 5 1/2" DP from 1031 m to 1345 m MD.
19:45	20:15	1345	drilling -- trip	ok	Filled drillpipe and broke circulation in shotttrack. Pumped at 3000 lpm / SPP 135 bar.
20:15	21:15	1415	drilling -- trip	ok	Continued to RIH with 17 1/2" drilling BHA on 5 1/2" DP from 1345 m to 1415 m MD. Reamed tightspots at 1360, 1362 and 1378 m MD with 4500 lpm / 80 RPM.
21:15	00:00	2238	drilling -- trip	ok	RIH with 17 1/2" drilling BHA on 5 1/2 DP from 1345 m to 2238 m MD - hole condition good.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	38		service equ -- special service equ	0	00:00	Could not realease RA source in ADN. Decided to pull RA source regardless with the possible implication that the ADN tool could not be run as there was no spare transfer shield onboard. RA source came out without shearing when using tugger to release. The
00:00	9		hoisting equ -- top drive	0	00:00	Had to check TDS due to unexpected noise while rotating. Changed gear oil on TDS.

Drilling Fluid

Sample Time	04:30	21:00	23:00
Sample Point	Active pit	Active pit	Reserve pit
Sample Depth mMD	2513	2513	2513
Fluid Type	HPWBM	HPWBM	HPWBM
Fluid Density (g/cm3)	1.35	1.35	1.35
Funnel Visc (s)	-999.99	-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)	34	34	31
Yield point (Pa)	12.5	12	11
Filtration tests			
Pn 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	2513		1.05	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2493.7	2407.8	19.27	129.52	
2536.1	2447.5	20.86	125.56	