

Summary report

Wellbore: 15/9-F-9 A

Period: 2009-07-03 00:00 - 2009-07-04 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	1
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2009-06-23 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:	2009-07-08

Dist Drilled (m):	386
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	822
Depth mTVD:	787
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	436.5
Depth At Last Casing mTVD:	

Summary of activities (24 Hours)

Drilled/oriented 12 1/4" hole from 459 m to 500 m. Removed cuttings blocking auger in lower shakers. Drilled/oriented 12 1/4" hole from 500 m to 511 m. Reamed from 511 m to 473 m to reduce dog leg from 7 deg to 3 deg. Drilled/oriented 12 1/4" hole from 511 m to 553 m. Reamed from 553 m to 525 m to smoothen the well path. Drilled/oriented 12 1/4" hole from 553 m to 714 m. Made several attempts to take GMWD survey without success. Took cluster survey. Drilled/oriented 12 1/4" hole from 714 m to 940 m. Circulated hole clean prior to drill into Utsira formation.

Summary of planned activities (24 Hours)

Continue circulating hole clean until totally 1, 5 times BU. Drill/orient 12 ½" hole from 940 m to TD at +- 996 m. Spot LCM pill across the Utsira formation. Pull out of hole to 920 m. Circulate the hole clean. Displace well to 1, 40 sg WBM. Pull out of hole and lay down 12 ½" BHA. Rig up to run 9 5/8" liner. Run 9 5/8" liner.

Operation target tomorrow at 06:00 hrs: Running 9 5/8" liner at 500 m.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
04:45	05:30	430	drilling -- drill	ok	Established circulation with 2800 lpm, 86 bar. Oriented tool face.
05:30	06:00	459	drilling -- drill	ok	Drilled/oriented 12 1/4" hole from 436 m to 459 m with 2800 lpm, 89 bar, WOB 3-5 ton. ROP 45-60 m/hr.
06:00	07:15	500	drilling -- drill	ok	Drilled/oriented 12 1/4" hole from 459 m to 500 m with 2800 lpm, 89-92 bar, WOB 4-7 ton. ROP 45 m/hr.
07:15	07:45	500	drilling -- drill	ok	Removed cuttings blocking augers in lower shakers. Took survey. Reamed the interval from 485 m to 500 m with 3000 lpm, 100 bar, 38 rpm, 2-5 kNm.
07:45	08:15	511	drilling -- drill	ok	Drilled/oriented 12 1/4" hole from 500 m to 511 m with 3000 lpm, 100-105 bar, 38 rpm, 4-7 kNm, WOB 4-6 ton. ROP 45 m/hr.
08:15	09:00	511	drilling -- drill	ok	Reamed the interval from 511 m to 473 m due to high dog leg. Reduced dog leg from 7 deg to 3 deg.
09:00	09:15	511	drilling -- drill	ok	Removed cuttings blocking augers in lower shakers.
09:15	11:30	553	drilling -- drill	ok	Drilled/oriented 12 1/4" hole from 511 m to 553 m with 3000 lpm, 94-103 bar, 0-40 rpm, 3-5 kNm, WOB 4-6 ton. ROP 30-35 m/hr.
11:30	11:45	553	drilling -- drill	ok	Reamed the interval from 553 m to 525 m to smoothen the well path.
11:45	17:30	714	drilling -- drill	ok	Drilled/oriented 12 1/4" hole from 553 m to 714 m with 3250-3500 lpm, 115-140 bar, 0-40 rpm, 4-8 kNm, WOB 4-8 ton. ROP 40-50 m/hr. Unable to receive G MWD survey.
17:30	18:30	714	interruption -- other	ok	Made several attempts to take GMWD survey without success.
18:30	19:30	714	drilling -- drill	ok	Racked back stand. Took cluster shot survey.
19:30	00:00	822	drilling -- drill	ok	Drilled/oriented 12 1/4" hole from 714 m to 822 m with 3500 lpm, 140 bar, 0-40 rpm, 4-8 kNm, WOB 4-8 ton. ROP 30-40 m/hr.

Drilling Fluid

Sample Time	08:00	14:00	20:30
Sample Point	Active pit	Active pit	Active pit
Sample Depth mMD	510	615	730
Fluid Type	KCl/Polymer/GEM	KCl/Polymer/GEM	KCl/Polymer/GEM
Fluid Density (g/cm3)	1.2	1.2	1.2
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)	15	19	18
Yield point (Pa)	7.5	8	9
Filtration tests			
Pm filtrate ( )			

Filtrate Lthp ( )			
Filtrate Hthp ( )			
Cake thickn API ( )			
Cake thickn HPHT ( )			
Test Temp HPHT ( )			
Comment			

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
454.9	454.9	4.66	197.74	
497.7	497.4	8.93	199.58	
537.6	536.4	14.03	193.34	
578.3	575.6	18.07	191.85	
618.3	612.7	24.92	189.74	
659.3	650	25.01	186.14	
686.3	674	28.67	182.17	
727	709.4	30.48	183.06	
767.7	743.8	33.77	185.48	
807.8	776.4	37.83	187.45	
848	807.4	41.28	189.89	
888	836.2	46.52	189.17	
928.4	863	50.33	189.21	
968.1	887.3	54.27	190.58	