

Summary report

Wellbore: 15/9-F-12

Period: 2007-08-25 00:00 - 2007-08-26 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	74
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):	8.5
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:	3520
Depth mTVD:	3106.6
Plug Back Depth mMD:	
Depth at formation strength mMD:	3116
Depth At Formation Strength mTVD:	2863
Depth At Last Casing mMD:	3113
Depth At Last Casing mTVD:	2865.6

Summary of activities (24 Hours)

Completed taking pressure points. Circulated bottoms up. POOH w/ 8½" drilling assy. R/U 7" liner handling equipment. Commenced RIH w/ 7" liner from surface to 63m.

Summary of planned activities (24 Hours)

RIH w/ 7" liner, install and cement same, install TSP packer, circulate hole clean, POOH w/ TSP packer running BHA.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:45	3430	drilling -- trip	ok	Continued taking pressure points according to Schlumberger procedure. Took 3 pressure points before Geoservices unit did shut down.
01:45	03:15	3412	interruption -- rep air	ok	Geoservices unit shut down due to activation of two gas detectors. The shut down was caused by water in one of the gas detectors. Re-booted the unit and the system.
03:15	06:00	35	drilling -- trip	ok	Continued taking pressure points according to Schlumberger procedure. Took 6 pressure points.
06:00	06:45	3517	drilling -- trip	ok	Continued taking pressure point according to Schlumberger procedure. Took 1 pressure point.
06:45	07:00	3517	drilling -- trip	ok	Down linked MWD Stethoscope
07:00	07:15	3517	drilling -- drill	ok	Flow checked well, well static.
07:15	10:15	3109	drilling -- drill	ok	Commenced pump out of hole from 3517m to 3109m, 700 lpm 31bars. Up/down weight 167/134 MT. Monitored well static.
10:15	11:30	3109	drilling -- circulating conditioning	ok	Circulated bottoms up 2200 lpm 210 bars. Meanwhile serviced rig equipment.
11:30	11:45	3109	drilling -- drill	ok	Dropped 2 3/4" drift. Performed kick drill. Flow checked well, well static.
11:45	12:45	2916	drilling -- drill	ok	Continued POOH from 3109m (pulled 5 stds wet) to 3013m. Performed torque readings, 10 rpm 10.9 kNm, 15 rpm 11.7 kNm, 20 rpm 11.7 kNm, Weight of the string during rotation 147 MT. Took up/down weight 168/134 MT. Distance from neutral to up weight 0.6 m. Continued POOH wet from 3013m to 2916m.
12:45	15:15	1748	drilling -- drill	ok	Made up to TDS and pumped 5m³ 1.6 SG slug. Continued POOH from 2916m to 1748m. Draw work brake unable to release.
15:15	16:30	1748	interruption -- maintain	ok	Investigated problem with draw work brake.
16:30	17:00	1586	drilling -- drill	ok	Continued POOH from 1748m to 1586m.
17:00	20:00	130	drilling -- drill	ok	Changed out to 5" DP handling equipment. Continued POOH from 1586 to 130m. Rectified problem with draw work.
20:00	20:30	130	drilling -- drill	ok	Flow checked well, well static. Held tool box talk prior to L/O BHA.
20:30	00:00	0	drilling -- trip	ok	Continued POOH w/ BHA and L/O same.

Drilling Fluid

Sample Time	04:00	22:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3507	3520
Fluid Type	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	-999.99	-999.99
Mf (I)		
Pm (I)		
Pm filtrate (I)		
Chloride (I)		
Calcium (I)		
Magnesium (I)		
Ph		
Excess Lime (I)		
Solids		
Sand (I)		
Water (I)		
Oil (I)		
Solids (I)		
Corrected solids (I)		
High gravity solids (I)		
Low gravity solids (I)		
Viscometer tests		
Plastic visc. (mPa.s)	30	30
Yield point (Pa)	10	10.5
Filtration tests		

Pm filtrate ( )		
Filtrate Lthp ( )		
Filtrate Hthp ( )		
Cake thickn API ( )		
Cake thickn HPHT ( )		
Test Temp HPHT (degC)	120	120
Comment		

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3114		1.29	estimated
00:00	3127.9		1.14	estimated
00:00	3490.4		1.14	estimated