

Summary report

Wellbore: 15/9-F-10

Period: 2009-06-04 00:00 - 2009-06-05 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	60
Days Ahead/Behind (+/-):	28.2
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2009-04-06 06:00
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:	2009-06-03

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.55
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	5331
Depth mTVD:	
Plug Back Depth mMD:	
Depth at formation strength mMD:	3439
Depth At Formation Strength mTVD:	2654
Depth At Last Casing mMD:	3441
Depth At Last Casing mTVD:	2654

Summary of activities (24 Hours)

Circulated and conditioned mud prior to cement job. 2440 l/min, 287 bar. Reduced to 1000 l/min, 65 bar. Mixed new spacer for cement job, due to contaminated first spacer. Performed line test, 200 bar, 10 min.

Summary of planned activities (24 Hours)

Set 2 x cement plugs from 5331m to 5100m. And 3490m to 3240m according to programe.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	326	interruption -- other	ok	Removed PS-21 from RT. Installed master bushing and bowl.
00:30	01:30	353	plug abandon -- trip	ok	RIH with 3 x 3 1/2" singles to 353 m MD using manual slips. Changed inserts in BX from 3 1/2" to 5". Installed and made up 3 1/2" x 5" x-over. Picked up stand of 5 1/2" DP and made up to x-over.
01:30	02:15	353	interruption -- other	ok	Removed master bushing and outer ring. Installed PS-30 slips in RT and hooked up same.
02:15	02:30	353	plug abandon -- trip	ok	Dressed PS-30 with 5" slips inserts.
02:30	04:45	1010	plug abandon -- trip	ok	RIH with 5" DP from 353 m to 1010 m MD. Got incorrect volume in triptanks, well apparently gaining. Investigated situation, suspected partial plugging of DP. Flowchecked for 1 5 min - lost 200 liter (pipe filling).
04:45	05:15	1010	plug abandon -- trip	ok	Looked down DP when in slips and observed that pipe was not filled properly. Made up TDS and filled pipe with approx 200 liter before pressure build up. Performed pump test - 11 bar SPP @ 500 lpm and 33 bar SPP @ 1000 lpm - good match with hydraulic simulations.
05:15	06:00	1291	plug abandon -- trip	ok	RIH with 5" DP from 1010 m to 1291 m MD.
06:00	07:30	2103	plug abandon -- trip	ok	RIH with cement string from 1291m to 2103m MD.
07:30	09:00	2103	plug abandon -- trip	ok	Emptied trip tank, moved bent 5" DP in derrick. Changed from 5" to 5 ½" DP handling equipment. Broke circulation with 3000 l/min, 300 bar. (2500 l/min, 229 bar.)
09:00	11:15	3440	plug abandon -- trip	ok	RIH with cement string from 2103m to 3440m MD.
11:15	11:30	3440	plug abandon -- trip	ok	Broke circulation at 3440m MD, 500 l/min, 30 bar.
11:30	16:00	5168	plug abandon -- trip	ok	RIH with cement string from 3440m to 5168m MD.
16:00	18:00	5331	plug abandon -- trip	ok	Washed down from 5168m to tagging depth, 5331m MD. 500 l/min, 35 bar.
18:00	20:00	5326	drilling -- casing	ok	Pulled 5m, staged up pumps, circulated and conditioned mud at 5326m MD, 2400 l/min, 281 bar, 25 rpm, 12-13 kNm. Simultaneously cleaned pit for mixing new spacer for cement job, due to contamination in first spacer.
20:00	00:00	5326	plug abandon -- other	ok	Cleaned pit for mixing new spacer for cement job, due to contamination in first spacer.

Drilling Fluid

Sample Time	08:00	20:00
Sample Point	Active pit	Flowline
Sample Depth mMD	5331	5331
Fluid Type	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.33	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	38
Yield point (Pa)	13	14
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)	120	120
Comment		