

Summary report

Wellbore: 15/9-F-10

Period: 2009-04-29 00:00 - 2009-04-30 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	24
Days Ahead/Behind (+/-):	7
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 (in):	17.5
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:	2616
Depth mTVD:	2294
Plug Back Depth mMD:	
Depth at formation strength mMD:	1389
Depth At Formation Strength mTVD:	1331.7
Depth At Last Casing mMD:	1388.9
Depth At Last Casing mTVD:	1331.7

Summary of activities (24 Hours)

Back reamed 17 1/2" BHA from 2212m to 2021m. Tried several times to pull stright out, no go. Pumped out from 2021m to 1367m. Circulated 2 x bottom up at shoe, 4000 l/min, 175 bar. Flow check, static loss 400 l/hr. Simultaneously, checked and greased PRS. POOH from 1367m to surface, racked 17 1/2" BHA. RIH with jetsub, jetted BOP.

Summary of planned activities (24 Hours)

Pull wear bushing, jet well head. Rig up and run 13 3/8" casing as pr DOP and tally.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	2250	drilling -- circulating conditioning	ok	Circulated 2 x bottom up, 4500 l/min, 275 bar, 180 rpm, 13-15 kNm. Observed increase in cuttings at shakers when 1 x bottom up. Reciprocated pipe between 2250m and 2213m.
02:00	02:15	2213	drilling -- circulating conditioning	ok	Flow checked well, 300 l/hr static loss.
02:15	03:15	2090	drilling -- trip	ok	POOH from 2213m. Pulled 4 stands increasing over pull to 25-30 ton. Observed Trip tank 200 l above expected level. Checked level in drill string: 20m below RKB.
03:15	04:45	2252	drilling -- circulating conditioning	ok	RIH to 2248m, took 10-12 ton, started pumps in steps to 3600 l/hr, RIH to 2252m.
04:45	05:00	2252	drilling -- circulating conditioning	ok	Flow checked prior to back reaming. 360 l/min static loss.
05:00	05:30	2252	drilling -- ream	ok	Established parameters for back reaming, 4500 l/min, 275 bar, 180 rpm, 12-14 kNm.
05:30	06:00	2212	drilling -- ream	ok	Back reamed from 2252m to 2212m. 4500 l/min, 275 bar, 180 rpm, 12-14 kNm.
06:00	07:00	2090	drilling -- ream	ok	Back reamed with 17 1/2" BHA from 2212m to 2090m. 4500 l/min, 265 bar, 180 rpm, 12-14 kNm.
07:00	07:15	2090	drilling -- circulating conditioning	ok	Set Power Drive to neutral.
07:15	08:45	2013	drilling -- ream	ok	Back reamed from 2090m to 2013m. 4500 l/min, 260 bar, 180 rpm, 12-14 kNm.
08:45	10:15	2013	drilling -- circulating conditioning	ok	Packed off stright after connection. Took 10-15 ton over pull at 2013m. RIH to 2021m. Established circulation, staged pumps to 4500 l/min, 265 bar, 150 rpm, 10-15 kNm.
10:15	13:45	1891	drilling -- ream	ok	Circulated hole clean, reciprocated string from 2021m to 2035m. 4500 l/min, 265 bar, 150 rpm, 12-14 kNm. Lots of cuttings on shakers after 1 x bottom up. Circulated 4 x bottom up in total.
13:45	14:45	1891	drilling -- circulating conditioning	ok	Pumped out from 2021m to 1891m. 2500 l/min, 91 bar.
14:45	15:00	1891	drilling -- circulating conditioning	ok	Attempted to POOH from 1891m without pumping. Took 20 ton over pull at 1889m.
15:00	20:00	1449	drilling -- circulating conditioning	ok	Pumped out from 1891m to 1449m. 4500 l/min, 250 bar.
20:00	20:15	1367	drilling -- circulating conditioning	ok	Reduced flow to 2000 l/min, 54 bar while pulling Power Drive into shoe and 1 stand into 20" casing to 1367m..
20:15	22:15	1367	drilling -- circulating conditioning	ok	Circulated 2 x bottom up at shoe, 4000 l/min, 175 bar.
22:15	22:30	1367	drilling -- circulating conditioning	ok	Flow checked well, 400 l/hr static loss. Simultaneously, checked and greased PRS.
22:30	22:45	1367	drilling -- circulating conditioning	ok	Pumped and displaced 4,7m3 1,75 sg slug.
22:45	00:00	774	drilling -- circulating conditioning	ok	POOH from 1367m to 774m.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	85		pipe handling equ syst -- vertical pipe handling equipment	0	00:00	Låse finger på fingerbord i derrick virket ikke. Fingere stod fast, 1t nedetid.

Drilling Fluid

Sample Time	04:00	10:00	16:00	20:00
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	2616	2616	2616	2616
Fluid Type	OBM-Standard	OBM-Standard	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.51	1.51	1.51	1.51
Funnel Visc (s)	-999.99	-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)	31	37	42	41
Yield point (Pa)	9	11.5	13	14
Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				
Cake thickn API ()				
Cake thickn HPHT ()				
Test Temp HPHT (degC)	120	120	120	120
Comment				

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2616		1	estimated

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
102	Schlumberger	1463	2616	ARCVRES9	-999.99