

## Summary report

Wellbore: 15/9-19 B

Period: 1997-11-25 00:00 - 1997-11-26 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	17
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	BYFORD DOLPHIN
Drilling contractor:	
Spud Date:	1997-11-10 00:00
Wellbore type:	
Elevation RKB-MSL (m):	25
Water depth MSL (m):	85
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.73
Dia Last Casing ():	

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMd:	3054
Depth mTVD:	2328
Plug Back Depth mMD:	
Depth at formation strength mMD:	
Depth At Formation Strength mTVD:	
Depth At Last Casing mMD:	4643
Depth At Last Casing mTVD:	

## Summary of activities (24 Hours)

SLIPPED AND CUT DRILLING LINE. FINISHED POOH. TESTED BOP. RIH WITH DRILLING BHA. BEGAN WASHING TO BOTTOM FROM 2600 M.

## Summary of planned activities (24 Hours)

DRILL CEMENT SQUEEZE PLUG OUT. DRILL 8 1/2" HOLE FROM 3054 M TO CORE POINT AT +/− 3910 M.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	2223	interruption – lost circulation	fail	FINISHED POOH TO INSIDE CASING WINDOW. NO LOSSES, NO GAINS.
00:30	02:00	2223	interruption – lost circulation	fail	CLOSED UPR AND LINED UP HALLIBURTON. SQUEEZED 1.5 M3 MUD DOWN DRILL PIPE 100 LITERS AT A TIME, HESITATING 1 MINUTE BETWEEN PUMPING. PRESSURE AFTER STOPPING PUMP 28-30 BAR, AFTER 1 MINUTE 27-29 BAR. TOTAL MUD PUMPED DOWN DRILL PIPE 2.2 M3 (.8 M3 TO REACH LEAK OFF PRESSURE AND 1.5 M3 SQUEEZED).
02:00	04:00	2223	interruption – lost circulation	fail	HELD AND MONITORED PRESSURE ON WELL. PRESSURE DROPPED FROM 27.1 BAR TO 20.6 BAR IN 1.5 HOURS AND STABILIZED FOR .5 HOURS.
04:00	05:30	2223	interruption – lost circulation	fail	ILLED PRESSURE OFF DRILL PIPE - 0.9 M3 MUDILLED BACK. 17 BAR PRESSURE REMAINED ON ANNULUS.ILLED OFF PRESSURE AND 1.1 M3. CIRCULATED BOTTOMS UP. MAX GAS 8.5%. NO GAINS, NO LOSSES - 2000 LPM CIRCULATING RATE.
05:30	06:00	2223	interruption – maintain	ok	SLIPPED AND CUT DRILLING LINE.
06:00	07:30	2223	interruption – maintain	ok	FINISHED SLIPPING AND CUTTING DRILLING LINE (EXTRA TIME DUE TO RECENT HIGH WINDS HAVING FOULED HANGOFF LINES IN DERRICK).
07:30	12:00	0	interruption – lost circulation	fail	FINISHED POOH. CHANGED SAVER SUB ON TDS.
12:00	17:30	0	drilling – b op activites	ok	MADE UP JET SUB, 3 STANDS HWDP, BOP TEST TOOL, AND RIH. JETTED WELLHEAD (8% MAX GAS). TESTED BOP ON BLUE POD FROM DRILL FLOOR - RAMS, FAILSAFE, AND LAP TO 35/345 BAR FOR 5/10 MINUTES, UAP TO 35/241 BAR FOR 5/10 MINUTES. FUNCTION TESTED BOP FROM TP OFFICE ON YELLOW POD. TESTED ACOUSTIC SYSTEM. POOH WITH TEST TOOL AND L/D TOOL AND JET SUB.
17:30	22:00	150	interruption – lost circulation	fail	MADE UP BIT TO MOTOR. DUMPED MEMORY AND CHANGED OUT MWD'S. SET AKO AT 1.2 DEG. AND CHECKED ALIGNMENT WITH MWD. FINISHED RIH WITH BHA.
22:00	00:00	1509	interruption – lost circulation	fail	RIH ON DRILL PIPE. BROKE CIRCULATION EVERY 500 M.

## Drilling Fluid

Sample Time	23:59
Sample Point	
Sample Depth mMD	3054
Fluid Type	ULTIDRILL
Fluid Density (g/cm3)	1.49
Funnel Visc (s)	78
Mf ()	
Pm ()	
Pm filtrate ()	
Chloride ()	
Calcium ()	
Magnesium ()	
pH	
Excess Lime ()	
Solids	
Sand ()	
Water ()	
Oil ()	
Solids ()	
Corrected solids ()	
High gravity solids ()	

<b>Low gravity solids ()</b>	
<b>Viscometer tests</b>	
Plastic visc. (mPa.s)	22
Yield point (Pa)	11
<b>Filtration tests</b>	
Pm 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	3054		1.03	estimated

#### Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top TVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas ()	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	drilling gas peak	106				8.8		77502	1020	21	1	-999.99