

## Summary report

Wellbore: 15/9-19 B

Period: 1997-11-24 00:00 - 1997-11-25 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	16
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)

FINISHED WASHING TO BOTTOM WITH CEMENT STINGER. WELL STARTED FLOWING. MONITORED PRESSURES AND BLED OFF SAME. CIRCULATED BOTTOMS UP. SET BALANCED CEMENT PLUG OVER LOSS ZONE AND SQUEEZED SAME. CBU.

## Summary of planned activities (24 Hours)

CUT AND SLIP DRILLING LINE. POOH. TEST BOP. P/U DRILLING ASSEMBLY AND RIH. DRILL CEMENT PLUG AND DRILL AHEAD.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	2165	interruption - - lost circulation	fail	FINISHED POOH TO JUST ABOVE CASING WINDOW (WINDOW AT 2178M). DRAG OK. GAINED 1.1 M3 MUD.
01:00	04:00	2165	interruption - - lost circulation	fail	BROKE CIRCULATION AT 250 LPM - NO LOSSES. STAGED PUMP RATE UP TO 2000 LPM WITHOUT LOSSES. MAX GAS 17%.
04:00	06:00	2410	interruption - - lost circulation	fail	BEGAN WASHING TO BOTTOM AT 2000 LPM WHILE REDUCING MUD WEIGHT TO 1.49 SG. NO MUD LOSSES. BGG - 1.6%. TOTAL MUD LOST FOR THE DAY - 51.5 M3.
06:00	13:00	3020	interruption - - lost circulation	fail	CONTINUED WASHING DOWN TO 3030M. AT 3030M CIRCULATION RATE 1000 LPM, ROTARY RPM 130. LOST 1.5 M3 MUD WHILE WASHING DOWN FROM CASING WINDOW .
13:00	14:00	3030	interruption - - lost circulation	fail	GAINED 3.5 M3 WHILE MAKING CONNECTION. CLOSED IN WELL. INITIAL SICP/SIDPP 17 BAR/17 BAR. LEVELED OUT AT 20 BAR/20 BAR. TOTAL GAINED 4.5 M3.
14:00	16:00	3030	interruption - - lost circulation	fail	BLED 5 M3 MUD FROM ANNULUS THROUGH CHOKE. BLEED OFF RATE DECREASED FROM 360 LPM TO 250 LPM. CLOSED CHOKE - SICP/SIDPP 11 BAR/16 BAR. BLED OF F 2 M3 MUD FROM ANNULUS - BLEED RATE DECREASED TO 200 LPM. SICP/SIDPP 11 BAR/11 BAR. BLED REMAINING PRESSURE OFF WELL. TOTAL MUD GAINED BACK 2 1 M3.
16:00	19:00	3054	interruption - - lost circulation	fail	CONTINUED WASHING DOWN TO 3054M. CIRCULATED BOTTOMS UP AT 1000 LPM. NO GAINS, NO LOSSES. MAX GAS 11.5%. NO FILL.
19:00	21:00	3052	interruption - - lost circulation	fail	M/U CEMENTING STAND WHILE BOOSTING RISER. TESTED CEMENT LINE TO 100 BAR. PUMPED 4 M3 1.55 SG SPACER, 5.5 M3 1.65 SG CEMENT. DISPLACED CEMENT WI TH .5 M3 SPACER AND 24 M3 MUD TO BALANCE. LOST .4 M3 MUD AND GAINED 6 BAR PRESSURE AFTER CEMENT PASSED STINGER.
21:00	00:00	2356	interruption - - lost circulation	fail	RACKED BACK CEMENT STAND AND POOH 7 STANDS DP TO 2852M - PIPE CAME OUT OF PLUG SLIGHTLY WET. PUMPED 3 M3 MUD TO CLEAR STINGER AND SLUG PIPE. CONTINUED POOH.

## Drilling Fluid

Sample Time	23:50
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>	
<b>Plastic visc. (mPa.s)</b>	22
<b>Yield point (Pa)</b>	10.5
<b>Filtration tests</b>	
<b>Pm filtrate ()</b>	
<b>Filtrate Lthp ()</b>	
<b>Filtrate Hthp ()</b>	
<b>Cake thickn API ()</b>	
<b>Cake thickn HPHT ()</b>	
<b>Test Temp HPHT ()</b>	
<b>Comment</b>	

#### Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3054		1.03	estimated