

## Summary report

Wellbore: 15/9-19 B

Period: 1997-11-15 00:00 - 1997-11-16 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	7
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:	3039
Depth mTVD:	2315.8
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)

CONTINUED POOH AND RIH WITH 3 1/2" CMT STINGER ON 5" DP. PUMP 3 M3 SPACER FOLLOWED 4 M3 CMT SLURRY. POH TO ABOVE CMT AND PRESSURE TO 32 BAR ON PLUG. OK. LOST 0.2 M3. CIRC HOLE VOLUME AND POOH W/CMT STRING. MADE UP BHA AND RIH.

## Summary of planned activities (24 Hours)

CONTINUE RIH AND DRILL 8 1/2" HOLE.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	2130	interruption - lost circulation	fail	CONTINUED POOH INTO CSG WINDOW.
01:00	01:30	2130	interruption - lost circulation	fail	ATTEMPTED TO CIRCULATE INSIDE CSG. NOT ABLE TO GET RETURNS ABOVE 400 L/MIN LEVEL. FLOW CHECKED, WELL STATIC. 2 % GAS IN RETURNS.
01:30	06:00	667	interruption - lost circulation	fail	PUMPED SLUG. LOST TOTAL 8 M3 MUD TO FORMATION WHEN ATTEMPTING REGAIN CIRC AND PUMP SLUG. POOH. FLOW CHECKED AT 1917M, WELL STATIC. WELL FLOWED BACK DURING TRIP TOTAL 10.6 M3. TOOK NORMAL VOLUME FROM 800M.
06:00	07:30	0	interruption - lost circulation	fail	CONTINUED POOH. FLOW CHECKED OK BEFORE PULLED BHA ABOVE BOP.
07:30	08:30	0	interruption - lost circulation	fail	RACKED BACK BHA, BROKE BIT AND NEAR BIT STAB.
08:30	12:30	2000	interruption - lost circulation	fail	MADE UP 3 1/2" MULESHOE ON 290 M 3 1/2" DP AND RIH TO 2000M. NO LOSSES OBSERVED.
12:30	13:30	2000	interruption -- maintain	fail	REPAVED HYDRAULIC LEAK ON ACCUMULATOR BOTTLE FOR BLOCK RETRACTION SYSTEM.
13:30	15:30	3037	interruption - lost circulation	fail	CONTINUED RIH TO 3030M. MADE UP CMT STAND AND CMT LINE. TESTED CMT LINE WITH 200 BAR.
15:30	17:00	3037	interruption - lost circulation	fail	TAGGED BTM AT 3037M. DRILLED DEPTH 3039M. PUMPED 3 M3 SPACER WITH CMT UNIT AND MIXED AND PUMPED 4 M3 1.65 SG CMT SLURRY. DISPLACED CMT WITH RIG PUMPS. NO LOSSES DURING TRIP IN, LOST 1 M3 DURING CEMENTING AND DISPLACING AND 0.2 M3 WHEN CMT ENTERED OPEN HOLE.
17:00	18:00	2742	interruption - lost circulation	fail	POOH TO 2742M.
18:00	19:00	2742	interruption - lost circulation	fail	CLOSED BOP AND PUMPED 0.55 M3 AND OBTAINED 32 BAR ON CMT PLUG, OK EQUALS 1.69 SG ECD. BLED BACK 0.39 M3 TO CMT UNIT.
19:00	21:00	2742	interruption - lost circulation	fail	CIRCULATED HOLE THE LONG WAY. ROTATED AND RECIPROCATED STRING. MAX CIRULATION RATE 2200 L/M. GOT WOOD FIBRE FROM LCM PILL OVER SHAKERS AT END OF CIRCULATION AND REDUCED CIRCULATION RATE TO 1200 L/M. NO MUD LOSSES. FLOW CHECKED, WELL STATIC.
21:00	00:00	620	interruption - lost circulation	fail	PUMPED SLUG AND LAID DOWN CMT STAND. POOH TO 620M.

## Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3039	3039
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.55	1.55
Funnel Visc (s)	67	67
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)	39	39
Yield point (Pa)	16.5	16.5
<b>Filtration tests</b>		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT ()		
<b>Comment</b>		

#### Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3039		1.03	estimated

#### Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top mTVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas ()	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	trip gas	3039		2315.5		29		234009	3721	1003	2	-999.99
00:00	trip gas	3039.1		2315.5		18.9		147752	3084	58	2	-999.99