

## Summary report

Wellbore: 15/9-19 BT2

Period: 1997-12-14 00:00 - 1997-12-15 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	10
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	BYFORD DOLPHIN
Drilling contractor:	
Spud Date:	1997-12-05 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:	
Formation strength ():	
Dia Last Casing ():	

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMD:	3220
Depth mTVD:	2472
Plug Back Depth mMD:	3173
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)

COMPLETED RUNNING 7" LINER TO 3198 M. CEMENTED SAME. TESTED TOL & 7" X 9 5/8" CASING STRINGS TO 180 BAR. POOH WITH HGR. SETTING TOOL.

## Summary of planned activities (24 Hours)

FINISH POOH WITH HGR. SETTING TOOL. LD 8 1/2" BHA. TEST BOPS. REPAIR UPPER RACKING ARM & TDS. MU 6" BHA & TIH TO DRILL-OUT LINER.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	2164	interruption - maintain	fail	REPAIRED HYDRAULIC LEAK ON UPPER RACKING ARM - BURST SEAL FOR MAIN SHUTTLE VALVE = SOURCE OF LEAK.
02:00	03:30	2167	interruption - maintain	fail	SLACKED-OFF ON LANDING STRING TO 2167 M; HAD SCR FAILURE FOR TDS, DRAWWORKS , & MUD PUMPS. ELECTRICIAN HAD TO TROUBLESHOOT PROBLEM: FOUND BURNED "MAIN CHANGE-OVER SWITCH" - REPLACED SAME.
03:30	06:00	2593	drilling - ca sing	fail	CONTINUED RUNNING 7" LINER FROM 2167 - 2593 M. NOTE: WILL RUN 285 M OF 5" HWDP IN LANDING STRING.
06:00	10:00	3006	drilling - ca sing	fail	CONTINUED RUNNING 7" LINER FROM 2593 - 3006M. WORKED THROUGH SEVERAL TIGHT SPOTS FROM 2771 - 3006M; MAX WEIGHT SLACKED-OFF= 50 MT / MAX OVER PULL = 75 MT - ALSO USED ROTATION WHEN NEEDED/MAX TORQUE=24.4K NM.
10:00	11:00	3006	interruption - maintain	fail	LOST POWER TO DRAWWORKS.
11:00	11:30	3030	drilling - ca sing	ok	CONTINUED TO TIH WITH 7" LINER FROM 3006 - 3030 M.
11:30	14:30	3030	interruption - maintain	fail	LOST POWER TO DRAWWORKS. DISCOVERED PROBLEM RELATED TO DRAWWORKS' MOTOR "C".
14:30	16:00	3200	drilling - ca sing	ok	CONTINUED TO TIH WITH 7" LINER FROM 3030 - 3200 M; UNABLE TO GO BELOW 3200 M.
16:00	17:00	3198	drilling - ca sing	ok	MU CMT. STAND TO DP LANDING STRING. BROKE CIRC.; NO RETURNS. PRESSURED UP TO 131 BAR AGAINST PLUGGED BALL SEAT & SET LINER HGR. - FLOAT SHOE SPACED-OUT Ø 3198M. VERIFIED HGR. SET WITH 35 MT DOWN WT. PU 25 MT & RELEASED HGR. SETTING TOOL WITH 8 RH TURNS OF ROTATION.
17:00	19:00	3198	drilling - ca sing	ok	RU CMT. HOSE. HELD SAFETY MEETING. PUMPED 2 M3 BASE OIL, 11,2 M3 1,60 SG SPACER 500E & 5,88 M3 1,80 SG CMT. SLURRY. (NO RETURNS WHILE PUMPING PRE-FLUSH OR CMT).
19:00	21:30	3198	drilling - ca sing	ok	DROPPED DART & DISPLACED CMT. WITH MUD Ø 450 LPM. SHEARED WIPER PLUG Ø 152 BAR; BUMPED PLUG OK. PRESSURED UP TO 180 BAR FOR 5 MINUTES. BLED OFF PRESSURE; FLOATS OK. RD CMT. HOSE. NOTE: DISPLACED WITH 38 M3 MUD; TOTAL MUD RETURNS = 5,5 M3.
21:30	22:00	2097	drilling - ca sing	ok	TOP OF LINER = 2097M. SLACKED-OFF 32 MT TO SET HGR. PACKER. PU & THEN ROTATED SLOWLY & SLACKED-OFF 32 MT AGAIN.
22:00	23:00	2097	interruption - maintain	fail	STARTED TO PU TO PULL HGR. SETTING TOOL TO TOL/2097M. WHILE TRYING TO STAND BACK CMT. STAND, STAND "DROPPED" ACROSS DERRICK. RECOVERED/STOOD BACK STAND.
23:00	00:00	2097	drilling - ca sing	ok	FINISHED PULLING HGR. SETTING TOOL TO 2097M - TOL. CIRC. BTMS UP & FLUSHED BOTH CHOKE & KILL LINES PRIOR TO TESTING TOL.

## Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3220	3220
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.52	1.52
Funnel Visc (s)	77	77
Mf ()		
Pm ()		
Pm filtrate ()		
Chloride ()		
Calcium ()		
Magnesium ()		
Ph		
Excess Lime ()		
Solids		
Sand ()		
Water ()		
Oil ()		
Solids ()		
Corrected solids ()		

<b>High gravity solids ()</b>		
<b>Low gravity solids ()</b>		
<b>Viscometer tests</b>		
<b>Plastic visc. (mPa.s)</b>	39	39
<b>Yield point (Pa)</b>	11.5	11.5
<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	3220		1.03	estimated

#### Casing Liner Tubing

<b>Start Time</b>	
<b>End Time</b>	
<b>Type of Pipe</b>	Liner
<b>Casing Type</b>	
<b>Outside diameter (in)</b>	7
<b>Inside diameter (in)</b>	6.094
<b>Weight (lbm/ft)</b>	32
<b>Grade</b>	L-80
<b>Connection</b>	New Vam
<b>Length (m)</b>	1101
<b>Top mMD</b>	2097
<b>Bottom mMD</b>	3198
<b>Description</b>	
<b>Comment</b>	