

## Summary report

Wellbore: 15/9-19 A

Period: 1997-08-02 00:00 - 1997-08-03 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:	1997-07-25 00:00
Wellbore type:	
Elevation RKB-MSL (m):	25
Water depth MSL (m):	84
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	1997-08-30

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:	2178
Depth at Kick Off mTVD:	
Depth mMd:	2783
Depth mTVD:	2089
Plug Back Depth mMD:	
Depth at formation strength mMD:	2178
Depth At Formation Strength mTVD:	1627
Depth At Last Casing mMD:	4643
Depth At Last Casing mTVD:	

## Summary of activities (24 Hours)

TIH TO TD TO DETERMINE HOLE'S CONDITION. CAVINGS TO SURFACE AFTER BU.  
INCREASE MUD WT. TO 1,54 SG. POOH FOR DRILLING BHA.

## Summary of planned activities (24 Hours)

TIH & DIRECTIONALLY DRILL 8 1/2" HOLE.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	0	drilling -- trip	ok	COMPLETED POOH.INSERT BIT WAS CORED-OUT.
01:30	06:00	106	drilling -- pop activities	ok	RAN BOP TEST TOOL TO WELLHEAD.TESTED PIPE RAMS & FAIL SAFE VALVES TO 20/345 BAR; TESTED BOTH ANNULARS TO 20/241 BAR. TESTED ON YELLOW POD. FUNCTION TESTED ON BLUE POD - FROM SUBSEA CONTROL ROOM.
06:00	06:30	0	drilling -- pop activities	ok	COMPLETED POOH WITH BOP TEST TOOL.
06:30	09:00	752	drilling -- trip	ok	MU SLICK BHA FOR CHECK TRIP & TIH TO 752 M.
09:00	11:00	752	drilling -- pop activities	ok	TESTED 2-TDS SAFETY VALVES & 1-KELLY COCK TO 35/345 BAR -5/10 MINUTES.
11:00	14:00	2081	drilling -- trip	ok	CONTINUED TO TIH TO 2081 M.
14:00	15:30	2183	drilling -- trip	ok	ESTABLISHED CIRC AT 2500 LPM.WASHED DOWN TO CASING WINDOW. RAN THROUGH WINDOW & PU THROUGH WINDOW WITHOUT PUMPING - NO PROBLEM S. CIRCULATED AT 1500 LPM & ROTATED AT 50 RPM & RAN THROUGH WINDOW - NO PROBLEM.
15:30	16:30	2207	drilling -- ream	ok	CONTINUED TIH; TOOK WEIGHT AT 2207 M. REAMED FROM 2207 - 2245 M; TIGHT HOLE FROM 2207 - 2226 M. HAD TENDENCY OF PACKING-OFF. 16300 NM= MAXIMUM TORQUE EXPERIENCED.
16:30	18:30	2783	drilling -- trip	ok	CONTINUED TIH; WASHED DOWN LAST 38 M TO TD - 2783 M. 0.5 M OF FILL ON BOTTOM.
18:30	20:00	2783	drilling -- circulation conditioning	ok	CIRCULATED AT 2500 LPM - 204 BAR - TO CLEAN HOLE. WORKED BIT ON BOTTOM BECAUSE OF PREVIOUS BIT'S CONDITION. EXCESSIVE AMOUNT OF CUTTING GS BACK DURING CIRCULATION; AFTER BOTTOMS UP, CAVINGS STARTED TO RETURN TO SURFACE.
20:00	22:30	2783	drilling -- circulation conditioning	ok	INCREASED MUD WEIGHT FROM 1,50 SG TO 1,54 SG WHILE CIRCULATING AT 2200 LPM. AFTER 1,54 MUD AROUND, INCREASED FLOW RATE TO 2500 LPM - 210 BAR - WITH NO LOSSES.
22:30	00:00	2231	drilling -- trip	ok	FLOW CHECKED, PUMPED SLUG & POOH TO MU DRILLING BHA.

## Drilling Fluid

Sample Time	22:00
Sample Point	Flowline
Sample Depth mMD	2783
Fluid Type	ULTIDRILL
Fluid Density (g/cm3)	1.54
Funnel Visc (s)	79
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)	42
Yield point (Pa)	12.5
Filtration tests	
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	2783		1.03	estimated