

Summary report

Wellbore: 15/9-19 BT2

Period: 1997-12-24 00:00 - 1997-12-25 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	20
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 (I):	
Pressure (I):	
Date Well Complete:	

Dist Drilled (m):	28
Penetration rate (m/h):	-999.99
Hole Dia (in):	6
Pressure Test Type:	
Formation strength (I):	
Dia Last Casing (I):	

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMd:	3603
Depth mTVD:	2790.2
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)

ATTEMPTED TO DRILL IN ORIENTED MODE, NO GO. PUMP OUT TO 3514M.
CONTINUED POOH TO SURFACE. CHANGE TILT ON NAVIDRILL, MADE UP ROCK
BIT AND SERVICED MWD. RIH TO 2250 M. SERVICED TOP DRIVE, IRON
ROUGHNECK AND STANDLIFT. CONTINUED RIH.

Summary of planned activities (24 Hours)

COMPLETE RIH AND DRILL 6" HOLE IN ORDER TO TURN TO RIGHT AND DROP
INCLINATION.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	3588	drilling -- drill	ok	CONTINUED DRILLING FROM 3575M TO 3588M.
01:30	02:00	3588	drilling -- drill	ok	ATTEMPTED TO DRILL IN ORIENTED MODE, NO GO, DUE TO MOTOR STALLING WHEN BIT ENTERED BOTTOM.
02:00	06:00	3603	drilling -- drill	ok	CONTINUED DRILLING IN ROTATION MODE FROM 3588M TO 3603M.
06:00	06:30	3603	drilling -- ream	ok	PERFORMED SURVEY AND CONNECTION. REAMED HOLE AFTER CONNECTION DUE TO INCREASE OF TORQUE.
06:30	08:30	3603	drilling -- ream	ok	FOUND WASH OUT IN DRILLING PUP JT SHOULDER. RACKED BACK DRILLING STAND AND CONTINUED REAM HOLE AND OBTAINED NORMAL TORQUE THRO UGH SECTION. MADE UP NEW DRILLING PUP JT.
08:30	10:30	3603	drilling -- drill	ok	ATTEMPTED TO ORIENT DRILL IN ORDER TO TURN WELL TO RIGHT, NOT ABLE TO OBTAIN SLIDING CONDITIONS DUE TO STRING WEIGHT STACKED UP. 18 T ON DRAG OVER NORMAL DRAG WHEN PULLED OFF BOTTOM.
10:30	18:30	25	drilling -- trip	ok	POOH WITH PUMPS AND ROTATION TO 3514M. FLOW CHECKED, WELL STATIC. PUMPED SLUG AND CONTINUED POOH. FLOW CHECKED AT LINER LAP.
18:30	20:00	28	drilling -- other	ok	RECOVERED MWD MEMORY. CHANGED PROBE IN MWD.
20:00	21:30	0	drilling -- trip	ok	CHANGED BIT, SET NAVIDRILL TO 1,5 DEGR TILT. CHECKED SCRIBELINE.
21:30	00:00	1470	drilling -- trip	ok	RIH WITH DRILLING BHA TO 1470M. FILL PIPE EVERY 20 STANDS.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3575	3575
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	60	60
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)	30	30
Yield point (Pa)	11	11
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	3603		1.19	estimated

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
3557.5	2753.5	Hod Fm
3654	2833.5	Blodøks Fm
3676	2852.5	Hidra Fm
3780	2943.5	Heather Fm.

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3600	-999.99				LIMESTONE

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	3601				3.36		31119	1060	24	-999.99	-999.99
00:00	drilling gas peak	3603				3.53		30823	1416	26	1	-999.99