

Summary report

Wellbore: 15/9-19 BT2

Period: 1997-12-09 00:00 - 1997-12-10 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	5
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):	-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 (I):	

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMd:	3220
Depth mTVD:	2472
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 TO RUN 7" LINER ON 5" DP FROM 1129 - 2849M. TIGHT HOLE Ø 2849M; LOST RETURNS WHEN HOLE PACKED-OFF WHILE TRYING TO WASH DOWN. WORKED/ROTATED DOWN TO 2901 M; UNABLE TO PASS. POOH WITH 7" LINER.

Summary of planned activities (24 Hours)

COMPLETE LD 7" LINER. TEST BOPS & SURFACE EQUIPMENT. RIH & WIPE HOLE - S/C DRILLINE ON TIH.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	04:00	1094	drilling -- casing	ok	CONTINUED RUNNING 7" LINER TO 1094 M; TOTAL OF 90 JTS. RAN.
04:00	05:00	1101	drilling -- casing	ok	MU NODECO 7" X 9 5/8" LINER HANGER INTO 7" LINER STRING.
05:00	06:00	1129	drilling -- casing	ok	MU 1 STD. 5" DP ONTO HANGER'S SETTING TOOL. CIRCULATED 1 LINER VOLUME.
06:00	14:30	2849	drilling -- casing	ok	CONTINUED TO RUN 7" LINER - ON 5" DP - FROM 1129 - 2849 M. DRIFTED DP TO 2 3/4" WHILE RUNNING; FILLED PIPE EVERY 5 STDS. BROKE CIRC. Ø 2162 M - WINDOW Ø 2 178 M - WITH 380 LPM Ø 31 BAR; PU WT = 95 MT & SO WT = 77 MT Ø 2162 M. LOSING MUD WHILE RUNNING 7" LINER; TOTAL MUD LOST = 5,6 M3.
14:30	16:00	2895	drilling -- casing	fail	HOLE TIGHT Ø 2849 M. WHILE TRYING TO WASH DOWN LINER Ø 270 LPM, HOLE PACKED-OFF - WITH FLOAT SHOE Ø 2895 M.
16:00	17:00	2878	drilling -- casing	fail	POOH TO 2829 M & ESTABLISHED CIRCULATION - 340 LPM Ø 38 BAR. ATTEMPTED AGAIN TO WASH LINER DOWN - HOLE PACKED-OFF AGAIN - WITH FLOAT SHOE Ø 2878 M.
17:00	18:30	2901	drilling -- casing	fail	WORKED DOWN LINER-WITHOUT ROTATING-WHILE TRYING TO REGAIN CIRCULATION. HOLE PACKED-OFF AGAIN.ROTATED & WORKED DOWN-SLACKING OFF WEIGHT OF ENTIRE STRING-TO 2901 M. WHILE TRYING ESTABLISH CIRCULATION HELD 35/40 BAR BELOW 7" SHOE. MAXIMUM TORQUE UTILIZED = 24,000 NM;PU WT=145 MT. UNABL E TO PASS 2901 M.
18:30	00:00	1830	drilling -- casing	fail	POOH WITH 5" DP X 7" LINER FROM 2901 - 1830 M. HAD TO PUMP-OUT 6 STDS. OF THE FIRST 9 STDS. OUT DUE TO SWABBING; MAXIMUM PULL = 172 MT. HAD 14 MT ADDITI ONAL DRAG WHILE PULLING SHOE INTO 9 5/8" WINDOW; FLOW-CHECKED Ø WINDOW FOR 15 MINUTES BEFORE CONTINUING TO POOH.

Drilling Fluid

Sample Time	20:00
Sample Point	Active pit
Sample Depth mMD	3220
Fluid Type	ULTIDRILL
Fluid Density (g/cm3)	1.52
Funnel Visc (s)	86
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)	43
Yield point (Pa)	14.5
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	3220		1.03	estimated