

Summary report

Wellbore: 15/9-19 B

Period: 1997-11-12 00:00 - 1997-11-13 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	4
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):	399
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:	2744
Depth mTVD:	2064
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)

DRILL AND ORIENT FROM 2350M TO 2808M.

Summary of planned activities (24 Hours)

CONTINUE DRILL AND ORIENT TO 2890M. CIRC CLEAN AND POOH AND CHANGE TO PDC BIT AND NEAR BIT STAB. RIH AND CONTINUE DRILLING FOR CORE POINT.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	05:00	2345	drilling -- trip	ok	RIH TO 2312M. FILLED PIPE AT 1000M AND AT CSG WINDOW AT 2110M. TRAVEL THROUGH CSG WINDOW, NO OBSTRUCTIONS. PRECAUTIONARY WASH/ ROTATE TO BTM AT 2345M.
05:00	06:00	2350	drilling -- drill	ok	DRILLED IN ROTATION FROM 2345M TO 2350M. TAKE SCR AND ORIENTED STRING TO CONTINUE SLIDING.
06:00	17:00	2619	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 2350M TO 2619M. ROTATED START AND END OF EACH STAND AND ORIENTED 18-20M IN MIDDLE OF EACH STAND TO TURN WELL TO LEFT AND TO DROP ANGLE.
17:00	17:30	2619	interruption -- rep air	fail	GEOSERVICE COMPUTER SERVER CRASHED, RE-STARTED SYSTEM. CIRCULATED AND RECIPROCATED PIPE.
17:30	00:00	2744	drilling -- drill	ok	CONTINUED DRILLING FROM 2619M TO 2744M. REAMED ALL STANDS 2 TIMES IN CONNECTIONS.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	2354	2354
Fluid Type	QUADRILL	QUADRILL
Fluid Density (g/cm3)	1.55	1.55
Funnel Visc (s)	87	87
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)	46	46
Yield point (Pa)	15	15
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	2808		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2328	1725.7	49.8	279.9	
2378	1746	45.1	273.8	
2406	1766.5	40.8	271.7	
2435	1788.8	38.5	267.5	
2464	1812	35.7	263.9	
2493	1836	32.6	258.4	
2521	1859.9	30.3	252.1	
2551	1886	28.6	243.8	
2579	1910.9	26.1	236.3	
2608	1937.2	23.4	230.3	
2637	1964	22	222.3	
2666	1990.9	21.8	213	
2694	2016.9	21.2	202	
2724	2044.9	21.7	192.3	
2753	2071.7	23.3	183.5	
2782	2098	25.9	177.2	

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
110	110	Nordland Gp
1111	1059.5	Hordaland Gp
1316.5	1181.5	Skade Fm
2781.5	2097.5	Grid Fm
851	842.5	Utsira Fm

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
2340	-999.99				CLAYSTONE WITH THIN LIMESTONE STRINGERS
2590	-999.99				CLAYSTONE WITH LIMESTONE STRINGERS
2781.5	-999.99				SANDSTONE

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	2345		1724		8.6		58438	3101	150	20	-999.99