Summary report

Wellbore: 15/9-19 A **Period: 1997-08-20 00:00 - 1997-08-21 00:00**

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	28
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):	22
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:	4039
Depth mTVD:	3233.3
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)

CONTINUED RIH, LOGGED CORED INTERVALL, STARTED DRILLING FROM 4017M TO 4087M.

Summary of planned activities (24 Hours)

CONTINUE DRILLING AND CONFIRM SMITH BANK FORMATION. CIRC CLEAN AND POOH. RUN WIRELINE LOGS.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	0	interruption -- repair	fail	CONTINUED TO ASSEMBLE AND ADJUST LEVER FOR UIBOP ACTUATOR.
00:30	01:30	0	drilling -- bop activities	ok	CONTINUED TEST ON UIBOP AND LIBOP TO 34/345 BAR 5/10 MIN, OK.
01:30	03:30	0	drilling -- trip	ok	CHANGED MWD. SET NAVIDRILL AKO TO 0 DEGR. LOAD MWD AND MADE UP BIT.
03:30	06:00	630	drilling -- trip	ok	RIH TO CURRENT DEPTH 630M.
06:00	13:00	3824	drilling -- trip	ok	CONTINUED RIH WITH DRILLING BHA TO 3824M. BROKE CIRCULATION EACH 1000M PERFORMED CHECK SHOTS WITH NEW MWD AT 3794M AND 3805M, OK.
13:00	21:30	4017	formation evaluation -- log	ok	WASHED AND ROTATED WHILST LOGGING CORED INTERVAL WITH MWD FROM 3805M TO 4003M.
21:30	00:00	4039	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 4017M TO 4039M.

Drilling Fluid

Sample Time	14:00	21:00
Sample Point	Flowline	Flowline
Sample Depth mMD	4017	4017
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.55	1.55
Funnel Visc (s)	69	63
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	35
Yield point (Pa)	12.5	25
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	3600		1.22	estimated
00:00	4087		1.11	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3823	3039.3	26.1	34.2	
3852	3065.4	25.5	34.7	
3882	3092.5	25.6	33.3	
3911	3118.6	25.6	33.8	
3939	3143.9	25.7	33.9	
3968	3170	25.9	32.9	
3997	3196.1	25.9	32.5	
4025	3221.3	25.6	32.2	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
4017	-999.99				SANDSTONE WITH LAMINA - THIN BEDS OF CLAYSTONE

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	trip gas	4017				5.7		45852	1304	34	8	2
00:00	drilling gas peak	4046				.72		5439	396	49	2	2