Summary report

Wellbore: 15/9-19 A **Period: 1997-08-07 00:00 - 1997-08-08 00:00**

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	15
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):	82
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:	3632
Depth mTVD:	2866
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)

DRILL TO 3632M. CIRC AND POOH AND CHANGE BHA. RIH TO SHOE AND ROUTINE
CUT DRILLING LINE.

Summary of planned activities (24 Hours)

RIH AND CONTINUE DRILLING IN ORIENTED MODE TO CORE POINT.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	3552	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 3550 - 3552 M.
00:30	02:00	3552	drilling -- circulating conditioning	ok	CIRCULATED UNTIL SHAKERS CLEANED UP BECAUSE OF INCREASE IN DRAG + IN PREPARATION TO ORIENT. BOOSTED RISER. NOTE: EXCESSIVE AMOUNT OF LARGE CASINGS TO SURFACE; TOOK 2.5 X BOTTOMS UP FOR SHAKERS TO CLEAN UP.
02:00	06:00	3573	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 3552 - 3573 M. UNABLE TO STEER DUE TO HANGING UP ON STABILIZERS AND FREQUENT STALLING PROBLEMS.
06:00	15:00	3632	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 3573M TO 3632M. UNABLE TO STEER TO ACHIVE TARGET.
15:00	17:30	3632	drilling -- circulating conditioning	ok	CIRC HOLE CLEAN. DROP CARBIDE, EST HOLE SIZE 10,47 IN. CAVINGS RATE AT 100 L/HR AFTER CIRC 1,5 BTM UP. BOOSTED RISER.
17:30	00:00	0	drilling -- trip	ok	FLOW CHECK 10 MIN, OK. PUMP SLUG. POOH. WELL SLICK. FLOW CHECK INSIDE SHOE AND BEFORE BHA ENTERED BOP. L/DOWN 1 DC, 2 STABILIZERS AND BIT.

Drilling Fluid

Sample Time	00:24	08:00	22:30
Sample Point	Flowline	Flowline	Flowline
Sample Depth mMD	3532	3586	3632
Fluid Type	ULTIDRILL	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.55	1.55	1.55
Funnel Visc (s)	55	54	58
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)	32	32	32
Yield point (Pa)	10	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	3632		1.22	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3592	2829.7	22.3	11.6	
3604	2840.8	21.9	9.9	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3573	-999.99				MARL INTERBEDDED WITH 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	connection gas	3581				1.34		9654	169	53	4	-999.99
00:00	connection gas	3632				.68		3100	68	11	3	-999.99