Summary report

Status:	normal		Dist Drilled (m):	15	Depth at Kick Off mMD:	2178
Report creation time:	2018-05-03 13:53		Penetration rate (m/h):	-999.99	Depth at Kick Off mTVD:	
Report number:	9		Hole Dia (in):	8.5	Depth mMd:	2783
Days Ahead/Behind (+/-):			Pressure Test Type:	leak off test	Depth mTVD:	2089
Operator:	Statoil		Formation strength (g/cm3):	1.73	Plug Back Depth mMD:	
Rig Name:	BYFORD DOLPHIN		Dia Last Casing ():		Depth at formation strength mMD:	2178
Drilling contractor:					Depth At Formation Strength mTVD:	1627
Spud Date:	1997-07-25 00:00				Depth At Last Casing mMD:	4643
Wellbore type:					Depth At Last Casing mTVD:	
Elevation RKB-MSL (m):	25					
Water depth MSL (m):	84					
Tight well:	Y					
HPHT:	Y					
Temperature ():						
Pressure ():						
Date Well Complete:	1997-08-30					

Summary of activities (24 Hours)

DRILLED 8 1/2" HOLE FROM 2771-2783 M; NOT MAKING PROGRESS. POOH FOR
BIT/BHA CHANGE - GOT STUCK WHILE PREPARING TO PULL THROUGH WINDOW.
FIGHT LOST RETURNS/TIGHT HOLE. SUCCESSFUL IN PULLING THROUGH WINDOW.
FINISHED POOH. TEST BOPS.

Summary of planned activities (24 Hours)

MAKE WIPER/CHECK TRIP TO TD WITH SLICK BHA TO DETERMINE HOLE'S
CONDITION. NOTE:WILL FINISH TESTING SURFACE EQUIPMENT BEFORE ENTERING
OPEN HOLE.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	2768	drilling -- survey	ok	CONTINUED CIRCULATING WHILE RU TO RUN GYRO.
00:30	05:30	2768	drilling -- survey	ok	MU SIDE-ENTRY SUB INTO DRILLSTRING & RIH WITH GYRO ON ATLAS E/LINE. BIT 1 JOINT OFF BOTTOM DURING SURVEY. RAN GYRO FROM 1880 TO 2710 M. POOH WITH GYRO & RD SIDE-ENTRY SUB.
05:30	06:00	2771	drilling -- drill	ok	DRILLED FROM 2768 - 2771 M / SLIDING.
06:00	13:30	2783	drilling -- drill	ok	DRILLED FROM 2771-2783 M. DECREASE IN ROP - TOOK APPROX. 2,5 HRS. TO DRILL LAST METER.
13:30	15:00	2190	drilling -- trip	ok	FLOW CHECKED & PUMPED SLUG. POOH TO 2190 M WITH NO PROBLEMS.
15:00	16:00	2190	drilling -- drill	fail	CIRCULATED W/2500LPM & ORIENTED TOOLFACE PRIOR TO PULLING THROUGH CSG. WINDOW. HOLE PACKED-OFF & STRING TORQUED-UP & LOST CIRC-STRING STUCK 2 MIN. WORKED STRING FREE BY GOING DOWNWARDS;MAX WEIGHT SLACKED-OFF=40 MT. ESTABLISHED CIRCULATION AT 600 LPM.
16:00	19:30	2199	drilling -- drill	fail	WORKED STRING DOWN TO 2199 M BIT DEPTH - 16 M BELOW WINDOW'S BOTTOM. HOLE PACKED-OFF;LOST CIRCULATION SEVERAL TIMES. ATTEMPTED TO ESTABLISH CIRCULATION - IN STEPS - AT DIFFERENT FLOW RATES WHILE ROTATING AT 80- 120 RPM / PROBLEMS =PACKING-OFF,LOST CIRCULATION, TORQUING-UP OF DRILLSTRING. TORQUE WOULD INCREASE & THEN RETURNS WOULD BE LOST.
19:30	20:30	2167	drilling -- drill	fail	FINALLY ESTABLISHED CIRCULATION WITH FULL RETURNS AT 1860 LPM/164 BAR. STARTED MOVING UPWARDS TOWARD WINDOW-STOPPED AT 2188 M. ORIENTED TOOL- FACE & THEN FLOW CHECKED. STARTED PULLING UP WHILE PUMPING AT 450 LPM- LOSING CIRCULATION AGAIN. STOPPED PUMPING & CONTINUED POOH-PULLED THROUGH WINDOW WITH NO ROTATING/PUMPING WITH MAXIMUM DRAG = 5 MT.
20:30	00:00	540	drilling -- trip	ok	AT 2167 M - FLOW CHECKED FOR 15 MINUTES; HOLE STATIC. FLUSHED CHOKE & KILL LINES & BOOSTED RISER CLEAN. CONTINUED TO POOH WITH BHA.

Drilling Fluid

Sample Time	13:45	22:00
Sample Point	Flowline	Flowline
Sample Depth mMD	2783	2783
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.5	1.5
Funnel Visc (s)	70	72
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)	38	39

Yield point (Pa)	13	13.5
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	2783		1.03	estimated

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
2768	-999.99				CLAYSTONE WITH INCREASING AMOUNT OF ANHYDRITE/GYPSUM TOWARDS 2783M