

Summary report

Wellbore: 15/9-19 B

Period: 1997-11-17 00:00 - 1997-11-18 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	9
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):	15
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:	3054
Depth mTVD:	2328.4
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 REPAIR ON UPPER RACKING ARM. RIH AND DRILLED CMT FROM 2983M TO 3039M AND NEW HOLE TO 3054M. LOST 42 M3 MUD DURING DRILLING. CIRCULATED BTM UP. POOH TO 3001M. GOT 18 M3 FLOW BACK FROM FORMATION. RIH TO 3045M AND CIRCULATED BTM UP. POOH.

Summary of planned activities (24 Hours)

CONTINUE WITH DRILLING BHA. RIH W/3 1/2" DP AS CMT STINGER. SET CMT PLUG UP TO 2929M AND SQUEEZE. POOH. RIH WITH DRILLING BHA.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	1905	interruption -- maintain	fail	CONTINUED RIG REPAIR: NDT INSPECTION WAS CARRIED OUT ON VITAL PARTS ON RACKING HEAD. INSTALLED RACKING HEAD AND TESTED FINGER. FINGER HAD INCOMPLETE TRAVEL. CHANGED FINGER ACTUATOR. WELDED BAR WITH RUBBER BUMPER FOR UPPER RACKING ARM. CUT DOWN HINGED WORK PLATFORM FOR URA DUE TO CRACK DAMAGE. OBSERVED WELL ON TRIP TANK.
06:00	10:30	1905	interruption -- maintain	fail	CONTINUED RIG REPAIR ON UPPER RACKING ARM. RE-ADJUSTED URA FINGER TRAVEL. INSTALLED SAFETY WIRES FOR HEAD AND HEAD PROTECTION. CLEARED DERICK FOR TOOLS AND PERFORMED FINAL INSPECTION. TESTED UPPER RACKING ARM.
10:30	11:00	1905	interruption -- maintain	fail	PERFORMED SAFE JOB ANALYSIS WITH ALL INVOLVED PERSONNEL. TOPIC: HANDLING PIPE WITHOUT STANDLIFT.
11:00	12:30	2580	interruption -- lost circulation	fail	RIH TO 2580M.
12:30	13:00	2580	interruption -- maintain	fail	REPAIRED OPERATING CYLINDER ON 5" DP ELEVATOR. FILLED STRING.
13:00	13:30	2700	interruption -- lost circulation	fail	CONTINUED RIH TO 2700M.
13:30	16:00	2880	interruption -- lost circulation	fail	WASHED AND ROTATED FROM 2700M TO 2785M. REAMED AND DRILLED FROM 2785 TO 2880M.
16:00	17:30	2995	interruption -- lost circulation	fail	DRILLED INCONSISTENT CMT FROM 2880M TO 2983M. CONTINUED DRILLING FIRM CMT FROM 2983M TO 2995M.
17:30	18:30	2995	interruption -- lost circulation	fail	CIRCULATED HOLE CLEAN DUE TO 20T DRAG INCREASE. REGAINED NORMAL STRING WEIGHT.
18:30	21:00	3039	interruption -- lost circulation	fail	DRILLED CMT AT CONTROLLED RATE FROM 2995M TO 3039M. STARTED TO LOOSE FROM 3035M. ATTEMPTED TO ESTABLISH PUMP RATE TO MINIMIZE MUD LOSS, AT 2100 L/MIN: LOST 29 M3/HR. 1500 L/MIN: LOST 16 M3/HR.
21:00	22:00	3054	drilling -- drill	ok	DRILLED FROM 3035M TO 3054M. VARIED PUMP RATES FROM 2250 -1800 L/M LOSSES 42 - 40 M3/HR.
22:00	23:00	3054	interruption -- lost circulation	fail	CIRCULATED AND ATTEMPTED TO ESTABLISH 100% RETURNS. NO SUCCESS PUMP RATE 1500 L/M; LOSS RATE 12 M3/HR AND DECLINED TO 5 M3/HR. TOTAL LOSS 45,3 M3 MUD TO FORMATION.
23:00	00:00	3050	interruption -- lost circulation	fail	POOH WET TO 2940M. GOT TOTAL FLOWBACK OF 18,2 M3 FROM FORMATION. RIH TO 3050M.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3039	3039
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.57	1.57
Funnel Visc (s)	109	109
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	38
Yield point (Pa)	16.5	16.5
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	3054		1.03	estimated

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3035	-999.99				CLAYSTONE WITH TUFFACEOUS BEDS AND MINOR LIMESTONE

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	drilling gas peak	3054		2328.5		7.6		58679	2780	60	5	-999.99
00:00	drilling gas peak	3054.1		2328.5		3.9		29010	2245	28	-999.99	-999.99