

Summary report

Wellbore: 15/9-19 BT2

Period: 1997-12-14 00:00 - 1997-12-15 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	10
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	BYFORD DOLPHIN
Drilling contractor:	
Spud Date:	1997-12-05 00:00
Wellbore type:	
Elevation RKB-MSL (m):	25
Water depth MSL (m):	85
Tight well:	Y
HPHT:	Y
Temperature (I):	
Pressure (I):	
Date Well Complete:	

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	
Formation strength (I):	
Dia Last Casing (I):	

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMd:	3220
Depth mTVD:	2472
Plug Back Depth mMD:	3173
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)

COMPLETED RUNNING 7" LINER TO 3198 M. CEMENTED SAME. TESTED TOL & 7" X 9 5/8" CASING STRINGS TO 180 BAR. POOH WITH HGR. SETTING TOOL.

Summary of planned activities (24 Hours)

FINISH POOH WITH HGR. SETTING TOOL. LD 8 1/2" BHA. TEST BOPS. REPAIR UPPER RACKING ARM & TDS. MU 6" BHA & TIH TO DRILL-OUT LINER.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	2164	interruption -- maintain	fail	REPAIRED HYDRAULIC LEAK ON UPPER RACKING ARM - BURST SEAL FOR MAIN SHUTTLE VALVE = SOURCE OF LEAK.
02:00	03:30	2167	interruption -- maintain	fail	SLACKED-OFF ON LANDING STRING TO 2167 M; HAD SCR FAILURE FOR TDS, DRAWWORKS , & MUD PUMPS. ELECTRICIAN HAD TO TROUBLESHOOT PROBLEM: FOUND BURNED "MAIN CHANGE-OVER SWITCH" - REPLACED SAME.
03:30	06:00	2593	drilling -- casing	fail	CONTINUED RUNNING 7" LINER FROM 2167 - 2593 M. NOTE: WILL RUN 285 M OF 5" HWDP IN LANDING STRING.
06:00	10:00	3006	drilling -- casing	fail	CONTINUED RUNNING 7" LINER FROM 2593 - 3006M. WORKED THROUGH SEVERAL TIGHT SPOTS FROM 2771 - 3006M; MAX WEIGHT SLACKED-OFF= 50 MT / MAX OVER PULL = 75 MT - ALSO USED ROTATION WHEN NEEDED/MAX TORQUE=24,4K NM.
10:00	11:00	3006	interruption -- maintain	fail	LOST POWER TO DRAWWORKS.
11:00	11:30	3030	drilling -- casing	ok	CONTINUED TO TIH WITH 7" LINER FROM 3006 - 3030 M.
11:30	14:30	3030	interruption -- maintain	fail	LOST POWER TO DRAWWORKS. DISCOVERED PROBLEM RELATED TO DRAWWORKS' MOTOR "C".
14:30	16:00	3200	drilling -- casing	ok	CONTINUED TO TIH WITH 7" LINER FROM 3030 - 3200 M; UNABLE TO GO BELOW 3200 M.
16:00	17:00	3198	drilling -- casing	ok	MU CMT. STAND TO DP LANDING STRING. BROKE CIRC.; NO RETURNS. PRESSURED UP TO 131 BAR AGAINST PLUGGED BALL SEAT & SET LINER HGR. - FLOAT SHOE SPACED-OUT Ø 3198M. VERIFIED HGR. SET WITH 35 MT DOWN WT. PU 25 MT & RELEASED HGR. SETTING TOOL WITH 8 RH TURNS OF ROTATION.
17:00	19:00	3198	drilling -- casing	ok	RU CMT. HOSE. HELD SAFETY MEETING. PUMPED 2 M3 BASE OIL, 11,2 M3 1,60 SG SPACER 500E & 5,88 M3 1,80 SG CMT. SLURRY. (NO RETURNS WHILE PUMPING PRE-FLUSH OR CMT.).
19:00	21:30	3198	drilling -- casing	ok	DROPPED DART & DISPLACED CMT. WITH MUD Ø 450 LPM. SHEARED WIPER PLUG Ø 152 BAR; BUMPED PLUG OK. PRESSURED UP TO 180 BAR FOR 5 MINUTES. BLED OFF PRESSURE; FLOATS OK. RD CMT. HOSE. NOTE: DISPLACED WITH 38 M3 MUD; TOTAL MUD RETURNS = 5,5 M3.
21:30	22:00	2097	drilling -- casing	ok	TOP OF LINER = 2097M. SLACKED-OFF 32 MT TO SET HGR. PACKER. PU & THEN ROTATED SLOWLY & SLACKED-OFF 32 MT AGAIN.
22:00	23:00	2097	interruption -- maintain	fail	STARTED TO PU TO PULL HGR. SETTING TOOL TO TOL/2097M. WHILE TRYING TO STAND BACK CMT. STAND, STAND "DROPPED" ACROSS DERRICK. RECOVERED/STOOD BACK STAND.
23:00	00:00	2097	drilling -- casing	ok	FINISHED PULLING HGR. SETTING TOOL TO 2097M - TOL. CIRC. BTMS UP & FLUSHED BOTH CHOKE & KILL LINES PRIOR TO TESTING TOL.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3220	3220
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.52	1.52
Funnel Visc (s)	77	77
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)	39	39
Yield point (Pa)	11.5	11.5
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	3220		1.03	estimated

Casing Liner Tubing

Start Time	
End Time	
Type of Pipe	Liner
Casing Type	
Outside diameter (in)	7
Inside diameter (in)	6.094
Weight (lbm/ft)	32
Grade	L-80
Connection	New Vam
Length (m)	1101
Top mMD	2097
Bottom mMD	3198
Description	
Comment	