

Summary report

Wellbore: 15/9-19 BT2

Period: 1998-01-21 00:00 - 1998-01-22 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	48
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 (I):	
Pressure Test Type:	
Formation strength (I):	
Dia Last Casing (I):	

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMd:	4250
Depth mTVD:	3360
Plug Back Depth mMD:	3800
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)

FINISHED CIRCULATING MUD. TIH TO TD & CIRCULATED MUD. SPOTTED P&A PLUG FROM 4250-4025 M. POOH TO 4025 M & SPOTTED P&A PLUG FROM 4025-3800M. POOH TO 3660M & CIRCULATED MUD. SPOTTED HI-VIS PILL & POOH TO 3250 M. SPOTTING P&A PLUG FROM 3250-3100M.

Summary of planned activities (24 Hours)

CONTINUE WITH P&A OPERATIONS: SPOTTING P&A PLUG NUMBER 2; POOH & LD DRILLPIPE + 2 7/8" TUBING; MU 6" BIT & RIH TO TEST PLUG NUMBER 2.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	3694	interruption -- waiting on weat her	ok	COMPLETED NU DIVERTER. RD RISER SPIDER/RISER HANDLING EQUIPMENT.
01:30	02:00	3694	interruption -- waiting on weat her	ok	RIH WITH 5" DRILLPIPE TO RETRIEVE HANG-OFF-TOOL. OPENED BLIND/SHEAR RAMS & COMPLETED RIH TO WELLHEAD.MU DRILLPIPE INTO HANG-OFF-TOOL.
02:00	03:30	3581	interruption -- waiting on weat her	ok	DISPLACED RISER WITH OIL BASE MUD BY CIRCULATING DOWN CHOKE & KILL LINES. OPENED LPR & PULLED HANG-OFF-TOOL OUT OF WELLHEAD - 54 MT OF OVER PULL REQUIRED / 186 MT WEIGHT INDICATOR READING. POOH WITH HANG-OFF-TOOL TO SURFACE & BROKE-OUT SAME FROM DRILLPIPE; MUD U-TUBING UP DRILLPI PE. SECURE DRILLPIPE WITH IBOP & STOOD BACK HANG-OFF-TOOL.
03:30	06:00	3581	interruption -- waiting on weat her	ok	CIRCULATED DOWN DRILLPIPE TO BALANCE MUD - 1000 LPM Ø 210-230 BAR. MUD WEIGHT OUT BEFORE BOTTOMS-UP = 1,45 SG. MAXIMUM GAS READING = 25%. FIN E SOLIDS ON BOTTOMS-UP BLINDED SCREENS; HAD TO CHANGE SCREENS. AFTER BOTTOMS-UP 1000 LPM = 186 BAR. NO MUD LOSSES DOWNHOLE WHILE CIRCULA TING. HOLE "STICKY" Ø3558M & 3577M-STALLING TOP DRIVE.
06:00	07:00	3581	interruption -- waiting on weat her	ok	CONTINUED TO CIRCULATE IN ORDER TO BALANCE MUD. REMOVED GREY IBOP FROM STRING.
07:00	07:30	3558	plug abandon - - other	fail	WHILE POOH FROM 3694-3558 M, PIPE STUCK Ø 3558 M. COULD ROTATE BUT UNABLE TO PULL ABOVE 3558M. WORKED STRING FREE WITH MAXIMUM OF 50 MT OVER PULL.
07:30	09:00	3469	interruption -- waiting on weat her	ok	CONTINUED TO POOH TO 3469 M - TO GET ABOVE TIGHT SPOT.PU HANG-OFF-TOOL & INSTALLED COURSE THREADED RELEASE SUB BACK INTO TOOL'S STAND. STO OD HANG-OFF-TOOL BACK IN DERRICK.
09:00	09:30	3498	interruption -- waiting on weat her	ok	RIH TO 3498 M. MUD U-TUBING FROM DRILLPIPE. CIRCULATED TO BALANCE MUD.
09:30	11:00	4250	interruption -- waiting on weat her	ok	RIH FROM 3498 - 4250 M - TD.
11:00	13:00	4250	plug abandon - - circulating co nditioning	ok	CIRCULATED 1,5 TIMES BOTTOMS-UP TO BALANCE MUD PRIOR TO SETTING BALANCED CEMENT PLUG; 1000 LPM Ø 203 BAR.
13:00	13:30	4250	plug abandon - - cement plug	ok	MU CEMENTING STAND INTO STRING & TESTED CEMENT LINE TO 345 BAR FOR 5 MINUTES.
13:30	15:00	4250	plug abandon - - cement plug	ok	SPOTTED CEMENT PLUG NUMBER 1 FROM 4250 - 4025 M. PUMPED 2 M3 1,69SG SPACER, 5,1 M3 1,90 SG CEMENT SLURRY, 0,35 M3 1,69 SG SPACER & DISPLACED WIT H 21,3 M3 1,40 SG MUD.
15:00	15:30	4025	plug abandon - - trip	ok	POOH TO 4025 M.
15:30	18:00	4025	plug abandon - - circulating co nditioning	ok	CIRCULATED ONE HOLE VOLUME; 945 LPM Ø 189 BAR.
18:00	18:30	4025	plug abandon - - cement plug	ok	MU CEMENTING STAND INTO DRILLPIPE & TESTED CEMENT LINE TO 345 BAR FOR 5 MINUTES.
18:30	20:00	4025	plug abandon - - cement plug	ok	SPOTTED CEMENT PLUG NUMBER 2 FROM 4025 - 3800 M. PUMPED 2,0 M3 1,69 SG SPACER, 5,1 M3 1,90 SG CEMENT SLURRY, 0,35 M3 1,69 SG SPACER & DISPLACED W ITH 18,9 M3 1,40 SG MUD. NOTE:PIPE STUCK MOMENTARILY WHILE CEMENTING;FREED WITH 73 MT OVERPULL.
20:00	21:30	3660	plug abandon - - trip	ok	POOH FROM 4025 - 3660 M. HOLE TOOK 1,07 M3 OF ADDITIONAL FILL ON TRIP OUT OF HOLE; TOOK 27 MT OVERPULL TO PULL PAST TIGHT SPOT Ø 3878 M.
21:30	00:00	3660	plug abandon - - circulating co nditioning	ok	STARTED CIRCULATING BOTTOMS-UP Ø 3660M; 500 LPM Ø 65 BAR. MAXIMUM GAS READING = 7,2%; HAD TO ROTATE STRING CONSTANTLY BECAUSE OF "STICKING P ROBLEMS".

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3360	3360
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	59	59

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)	27	27
Yield point (Pa)	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	3775		1.3	estimated
00:00	4250		1.09	estimated