

Summary report

Wellbore: 15/9-19 BT2

Period: 1998-01-25 00:00 - 1998-01-26 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	52
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 ():	
Pressure ():	
Date Well Complete:	

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

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMD:	4250
Depth mTVD:	3360
Plug Back Depth mMD:	3146
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)

PULLED SEAL ASSEMBLY.SPEARED 9 5/8" X 10 3/4" CASING STRING.BULLHEADED ANNULAR VOLUME TO FORMATION. POOH-LD 10 3/4" & 9 5/8" CASING.

Summary of planned activities (24 Hours)

CONTINUE WITH P & A OPERATIONS:
COMPLETE LD CASING. RIH & SPOT CEMENT PLUG FROM 1540 - 1385 M.
POOH - LD 3 1/2" DP.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	1485	plug aban don -- cut	ok	COMPLETED CIRCULATING BOTTOMS-UP. MAXIMUM GAS READING = 4%. FLOW CHECKED, PUMPED SLUG & DISPLACED RISER BACK TO SEAWATER.
01:30	05:30	0	plug aban don -- cut	ok	POOH WITH CASING CUTTING ASSEMBLY- STOOD BACK TUBULARS FOR FUTURE USE. NOTE:LD 2 JTS. 5" HWDP TO ACCOMODATE STANDING-BACK OF CUTTING ASSEMBLY
05:30	06:00	30	plug aban don -- cut	ok	RIH WITH FMC SPRING-LOADED TOOL TO RETRIEVE SEAL ASSEMBLY
06:00	06:30	107	plug aban don -- cut	ok	RIH TO WELLHEAD WITH FMC SPRING-LOADED TOOL. MU INTO SEAL ASSEMBLY. CLOSED UPPER ANNULAR & PU 2,5 MT TO PULL SEAL ASSEMBLY FREE.
06:30	07:30	107	plug aban don -- cut	ok	GAS MIGRATED UP RISER - PAST THE CLOSED ANNULAR. SWEEP GAS FROM BOPS USING SEAWATER. CLOSED LOWER ANNULAR & OPENED UPPER ANNULAR; ALLOWED GAS TO MIGRATE UP RISER. OPENED LOWER ANNULAR & ALLOWED GAS TO MIGRATE
07:30	08:00	0	plug aban don -- cut	fail	POOH - DIDN'T RECOVER SEAL ASSEMBLY.
08:00	10:00	107	plug aban don -- cut	ok	RIH AGAIN WITH SPRING-LOADED TOOL. MU INTO SEAL ASSEMBLY & PU 4 MT TO PULL SEAL ASSEMBLY FREE. ADDITIONAL GAS MIGRATED UP RISER.SHUT-IN WELL & BLEED GAS OFF. SWEEP GAS FROM BOPS USING SEAWATER. OPENED WELL & POOH WITH SEAL ASSEMBLY. LD SEAL ASSEMBLY; STAND BACK TOOL.
10:00	13:30	182	plug aban don -- cut	ok	MU 9 5/8" CASING SPEAR WITH PACK-OFF. RIH - PU 14 JTS. 5" 25.6# U170 DRILLPIPE. ENGAGED 9 5/8" CASING WITH SPEAR Ø 182 M - 1 M BELOW 10 3/4" X 9 5/8" X/OVER. NOTE: 9 5/8" CASING CUT Ø DEPTH OF 1485 M.
13:30	14:30	162	plug aban don -- cut	ok	PULLED 9 5/8" X 10 3/4" STRING FREE WITH NO ADDITIONAL OVERPULL. HAD TO MANUEVER STRING TO PULL CASING THROUGH THE ANNULARS. PU CASING HANGER 20 M ABOVE WELLHEAD. NOTE: CASING CUT NOW Ø 1485 M; SPEAR Ø 162 M.
14:30	16:30	162	plug aban don -- cut	ok	CLOSED UPPER ANNULAR & ESTABLISHED INJECTION INTO FORMATION.BULLHEADED DOWN 10 3/4"-9 5/8" X 13 3/8" ANNULUS VIA UPPER CHOKING LINE Ø 935 LPM: 31,3 M3 "TRASH" OIL BASE MUD & 50 M3 1,40 SG WATER BASE MUD. PRESSURE DECREASED FROM 103 BAR TO 55 BAR WHEN WATER BASE MUD REACHED 13 3/8" SHOE/FORMATION.
16:30	18:00	162	plug aban don -- cut	ok	MONITORED SHUT-IN PRESSURE - 45 BAR. BLED-OFF PRESSURE, IN STAGES, TO 0 BAR; BLED BACK A TOTAL OF 3 M3.
18:00	19:30	1465	plug aban don -- cut	ok	OPENED UPPER ANNULAR & STARTED CIRCULATING BOTTOMS-UP; SPEAR Ø 162 M & CASING CUT Ø 1465 M. STOPPED CIRCULATING WATER BASE MUD Ø 1920 HRS. BECAUSE LOST 3,5 M3 MUD FROM LEAK IN SLIP JOINT. NOTE: MUD WEIGHT IN = 1,38 SG; MUD WEIGHT OUT = 1,33 SG.
19:30	20:30	1465	interruptio n -- maintain	fail	SLIP JOINT LEAK CAUSED LOSS OF PUMP SUCTION - TRANSFERRED MUD TO A PIT TO ALLOW REGAINING OF PUMP SUCTION. NOTE: RIG DOWNTIME.
20:30	21:30	1465	interruptio n -- maintain	fail	UNABLE TO WEIGHT-UP MUD TO 1,40 SG BECAUSE COULDN'T OBTAIN BARITE INTO PUMP ROOM'S SURGE CAN. NOTE: RIG DOWNTIME.
21:30	22:00	1465	interruptio n -- maintain	fail	INVESTIGATE BARITE SITUATION - CHECK BARITE TANKS .
22:00	23:00	1465	interruptio n -- maintain	fail	DISPLACED WATER BASE MUD IN RISER WITH SEAWATER - DUE TO LEAKING RISER. CLOSED UPPER ANNULAR & MONITORED HOLE VIA CHOKING LINE - LEAK IN RISER DOESN'T ALLOW "CORRECT" MONITORING OF HOLE. HOLE STATIC; OPENED UPPER ANNULAR. NOTE: RIG DOWNTIME.
23:00	23:30	1427	plug aban don -- cut	ok	POOH WITH SPEAR + CASING STRING; SPEAR PULLED FROM 162 - 124 M - CASING PULLED FROM 1465 - 1427 M.
23:30	00:00	1427	interruptio n -- maintain	fail	AIR HOSE TO PNEUMATIC DRILLPIPE ELEVATORS BURST. REMOVED AIR HOSE & RU MANUAL DRILLPIPE ELEVATORS.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3140	3140
Fluid Type	BENT./POLYMER	BENT./POLYMER
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	63	63
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)	10	10
Yield point (Pa)	12.5	12.5
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT ()		
Comment		