

## Summary report

Wellbore: 15/9-19 B

Period: 1997-12-01 00:00 - 1997-12-02 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	23
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):	-999.99
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:	3272
Depth mTVD:	2511
Plug Back Depth mMD:	2835
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)

RIH WITH CEMENT STINGER. WASHED TO BOTTOM AND CIRCULATED WITH REDUCED PUMP RATE TO MAINTAIN RETURNS. SET SIDETRACK PLUG. POOH. P/U STEERABLE DRILLING ASSEMBLY.

### Summary of planned activities (24 Hours)

P/U STEERABLE BHAAND RIH. SIDETRACK WELL 15/9-19B AND BEGIN DRILLING WELL 15/9-19BT2.

### Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	04:30	0	interrupt on -- fish	fail	CONTINUED POOH. NORMAL DRAG, HOLE FILL CORRECT.
04:30	06:00	315	interrupt on -- fish	fail	BEGAN RIH WITH CEMENT STINGER TO SET SIDETRACK PLUG. TOTAL MUD LOST TODAY - 11 M3.
06:00	13:00	2826	interrupt on -- fish	fail	CONTINUED RIH WITH 3 1/2" CEMENT STINGER FROM 315M TO 2826M. BROKE CIRCULATION AND CONDITIONED MUD AT 1000M, 2100M, AND 2600M. FULL RETURNS AT 500 L PM. TOOK WEIGHT AT 2826M.
13:00	15:00	3161	interrupt on -- fish	fail	WASHED DOWN FROM 2827M TO 2887M WITH 500 LPM AND FULL RETURNS. RIH FROM 2887M TO 3050M. WASHED DOWN FROM 3050M DUE TO BACKFLOW UP DRILL PIPE. WASHED TO 3161M WITH 500M LPM AND FULL RETURNS.
15:00	16:30	3161	interrupt on -- fish	fail	STARTED TO CIRCULATE BOTTOMS UP FROM 3161M. EXPERIENCED LOSSES OF 6 M3/HR CIRCULATING AT 500 LPM, 2.5 M3/HR AT 350 LPM, NO LOSSES AT 250 LPM. SHUT DOWN OWN PUMPS. SLOWLY GAINED BACK 3.8 M3. HAD LOST 16.3 M3 - NET LOSS = 12.5 M3. NO UNUSUAL HOLE DRAG EXPERIENCED.
16:30	18:30	3035	interrupt on -- fish	fail	POOH WITH CEMENT STINGER FROM 3161M TO 3035M. STAGED PUMPS UP TO 400 LPM WITH 12 M3/HR LOSSES, 300 LPM WITH 10 M3/HR LOSSES, NO LOSSES AT 250 LPM. RIG PUMPED 5 M3 1.69 SG SPACER AT 250 LPM. NORMAL HOLE DRAG.
18:30	22:00	3035	interrupt on -- fish	fail	LINED UP HALLIBURTON AND TESTED LINES TO 100 BAR. MIXED AND PUMPED 7.3 M3 1.95 SG CEMENT AND .9 M3 1.69 SG SPACER. LOST 1.5 M3 MUD. LINED UP RIG PUMP AND DISPLACED CEMENT TO BALANCE WITH 23.7 M3 MUD - NO RETURNS ALL PUMPING DONE AT 250 LPM UNTIL CEMENT PASSED STINGER THEN 200 LPM. GAINED 18 BAR PUMP PRESSURE AFTER CEMENT PASSED STINGER.
22:00	00:00	2560	interrupt on -- fish	fail	STARTED POOH. GAINED MUD FROM DP AND ANNULUS - 11 M3 TOTAL - WHILE POOH TO 2560M. GAIN VERY SMALL AT 2560M. PUMPED SLUG. NORMAL HOLE DRAG

### Drilling Fluid

Sample Time	10:00	20:00
Sample Point		
Sample Depth mMD	3272	3272
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.53	1.53
Funnel Visc (s)	74	73
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)	33	33
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	3272		1.03	estimated