

## Summary report

Wellbore: 15/9-19 B

Period: 1997-12-02 00:00 - 1997-12-03 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	24
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:	
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 STEERABLE DRILLING ASSEMBLY AND WASHED FROM 2500M TO 3010M WITH NO RESISTANCE OR EVIDENCE OF HARD CEMENT PLUG. POOH TO P/U CEMENT STINGER.

## Summary of planned activities (24 Hours)

POOH WITH DRILLING BHA. P/U CEMENT STINGER AND RIH. SET CEMENT PLUG FOR SIDETRACK. POOH WITH STINGER.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	2106	interrupti on -- fish	fail	CONTINUED POOH. HOLE FILL CORRECT BUT PIPE STARTED RUNNING OVER. BROKE CIRCULATION WITH 800 LPM AND FULL RETURNS. PUMPED SLUG. on
01:30	04:30	0	interrupti on -- fish	fail	CONTINUED POOH. HOLE FILL CORRECT.
04:30	06:00	54	interrupti on -- fish	fail	M/U STEERABLE BHA INCLUDING LO-FLO MWD W/ ANNULAR PRESSURE SUB. MAXIMUM GAS FOR THE DAY - 18% CIRCULATING AT 2100M WHILE RIH WITH CEMENT STINGER. TOTAL MUD LOST FOR THE DAY - 28.5 M3.
06:00	12:00	1000	interrupti on -- fish	fail	M/U AND RIH WITH 8 1/2" STEERABLE BHA. TESTED MWD. NO COMMUNICATION WITH ANNULAR PRESSURE SUB. REPLACED SUB WITH NEW ONE - STILL NO SIGNAL RIH T O 1000M.
12:00	12:30	1000	interrupti on -- fish	fail	FILLED PIPE AND BROKE CIRCULATION WHILE STAGING PUMPS UP TO 500 LPM - FULL RETURNS.
12:30	14:30	2100	interrupti on -- fish	fail	CONTINUED RIH WITH STEERABLE ASSEMBLY. FILLED PIPE AND BROKE CIRCULATION WHILE STAGING PUMPS UP TO 500 LPM - FULL RETURNS.
14:30	15:30	2100	interrupti on -- mai ntain	ok	CUT AND SLIPPED DRILLING LINE WHILE CIRCULATING 500 LPM. 1.55 SG MUD COMING OUT OF HOLE. FULL RETURNS.
15:30	17:00	2100	interrupti on -- fish	fail	CONTINUED CIRCULATING AND STAGED PUMPS UP TO 1300 LPM. MUD WEIGHT OUT 1.65 SG MAX FROM SLUGS, MW IN 1.52 SG. NO LOSSES.
17:00	19:00	2500	interrupti on -- fish	fail	RIH FROM 2100M TO 2500M. BROKE CIRCUALTION AT 2350M, 500 LPM, NO LOSSES.
19:00	00:00	2978	interrupti on -- fish	fail	WASHED TO BOTTOM WITH 500 LPM AND NO LOSSES. RESISTANCE AT 2882M - 2884M REQUIRED 900 LPM TO GET THROUGH WITHOUT MOTOR STALLING. NO LOSSES. OT HERWISE NO RESISTANCE MET. VERY FINE CEMENT PARTICLES STARTED RETURNING. MUD WEIGHT INCREASED FROM 1.53 SG TO RANGE OF 1.55-1.60 SG W/ MAX. OF 1.64 SG. SOLIDS IN RETURNS UP TO 90%CEMENT.

## Drilling Fluid

Sample Time	16:00	22:30
Sample Point		
Sample Depth mMD	3272	2835
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.53	1.52
Funnel Visc (s)	73	68
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	30

<b>Yield point (Pa)</b>	11.5	10.5
<b>Filtration tests</b>		
<b>Pm filtrate ()</b>		
<b>Filtrate Lthp ()</b>		
<b>Filtrate Hthp ()</b>		
<b>Cake thickn API ()</b>		
<b>Cake thickn HPHT ()</b>		
<b>Test Temp HPHT ()</b>		
<b>Comment</b>		

#### Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3272		1.03	estimated