

## Summary report

Wellbore: 15/9-19 A

Period: 1997-11-02 00:00 - 1997-11-03 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	102
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	BYFORD DOLPHIN
Drilling contractor:	
Spud Date:	1997-07-25 00:00
Wellbore type:	
Elevation RKB-MSL (m):	25
Water depth MSL (m):	84
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	1997-08-30

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:	2178
Depth at Kick Off mTVD:	
Depth mMD:	4131
Depth mTVD:	3319
Plug Back Depth mMD:	3947
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 SHUT-IN PRESSURE BUILD-UP TEST. PERFORMED MINI-FRAC/KILL OPERATIONS. LD FLOWHEAD, 5" LANDING STRING, & SSTT. STARTED POOH/LD 3 1/2" DST STRING.

## Summary of planned activities (24 Hours)

COMPLETE POOH/LD DST STRING.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	3865	formation evaluation -- drill stem test	ok	CONTINUED PERFORMING SHUT-IN BUILD-UP TEST.
06:00	08:30	3865	formation evaluation -- drill stem test	ok	COMPLETED SHUT-IN BUILD-UP TEST.
08:30	10:30	3865	formation evaluation -- circulating conditioning	ok	PRESSURED UP ON ANNULUS TO 200 BAR-LOCKED OPEN TESTER VALVE.PERFORMED MINI-FRAC TEST 2B. USING SEAWATER/POLYMER MIXTURE, THE FRACTURE CLOSURE PRESSURE WAS DETERMINED TO BE APPROXIMATELY 555 BAR AT 3045 M TVD - TOP PERFORATION.
10:30	12:00	3865	formation evaluation -- circulating conditioning	ok	CONTINUED WITH THE MINI-FRAC JOB. PUMPED 14.5 M3 OF 1.47 SG MUD. PUMP RATE = 1000 LPM AT 340 BAR.
12:00	14:00	3865	formation evaluation -- circulating conditioning	ok	FLUSHED SURFACE TEST LINES & EQUIPMENT WITH SEAWATER,OPENED MPR & RELEASED RTTS W/13MT O/PULL,CLOSED MPR & SHEARED APR-RD VALVE W/30 0BAR ANNULUS PRESSURE. COMPLETED THE KILL PROCEDURE BY BULLHEADING 1.6 M3 1.47 SG MUD DOWN THE ANNULUS - FORCING FLUID BELOW PACKER TO BE BULLHEADED INTO FORMATION.
14:00	17:30	3865	formation evaluation -- circulating conditioning	ok	OPENED MPR & CIRCULATED BOTTOMS UP - SHUTTING IN THE WELL & TAKING RETURNS THROUGH THE CHOKE LINE AFTER 2/3 ANNULAR VOLUME HAD BEEN PUMPED. MAX GAS READING = 3.7%. AFTER GAS DECREASED, OPENED WELL & CONTINUED CIRCULATING UP RISER - FOR A TOTAL OF 2 BOTTOMS UP.
17:30	18:00	3865	formation evaluation -- circulating conditioning	ok	FLOW CHECKED & PUMPED SLUG.
18:00	00:00	3755	formation evaluation -- rig up/down	ok	RD SURFACE FLOWHEAD. POOH/LD 5" LANDING STRING - LD 2 LUBRICATOR VALVES. STARTED LD SSTT-SUBSEA TEST TREE.

## Drilling Fluid

Sample Time	23:59
Sample Point	Active pit
Sample Depth mMD	4131
Fluid Type	ULTIDRILL
Fluid Density (g/cm3)	1.47
Funnel Visc (s)	-999.99
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)	56

<b>Yield point (Pa)</b>	13.5
<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	4131		1.15	estimated