Summary report

Wellbore: 15/9-19 A **Period: 1997-08-14 00:00 - 1997-08-15 00:00**

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	22
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):	50.5
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:	2178
Depth at Kick Off mTVD:	
Depth mMd:	3908.5
Depth mTVD:	3112.7
Plug Back Depth mMD:	
Depth at formation strength mMD:	2178
Depth At Formation Strength mTVD:	1627
Depth At Last Casing mMD:	4643
Depth At Last Casing mTVD:	

Summary of activities (24 Hours)

RETRIVED CORE NO 2, 100 % RECOVERY. RIH AND CUT CORE NO 3. CIRC DOWN GAS LEVEL AND POH TO CURRENT DEPTH 1412M.

Summary of planned activities (24 Hours)

RETRIEVE CORE NO 3. RIH AND CUT CORE NO 4. CIRC OUT GAS AND POOH WITH COREBARREL.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	3881	formation evaluation -- core	ok	CONTINUED CORING FROM 3858 - 3881M. TOTAL CUT 27M.
01:30	02:00	3852	formation evaluation -- trip	ok	FLOW CHECKED, OK. LAID DOWN SPACER PUP JT. PUMP SLUG.
02:00	06:00	780	formation evaluation -- trip	ok	POOH. FLOW CHECKED INSIDE CSG WINDOW, OK. CURRENT DEPTH AT REPORT TIME, 780M.
06:00	09:00	0	formation evaluation -- trip	ok	CONTINUED POOH WITH CORE NO 2. REDUCED SPEED LAST 400M. HELD SAFETY BRIEF BEFORE PULL CORE BARREL TO DRILL FLOOR. HAD 20 PPM H2S IN COREBARREL. PERSONNEL PUT ON PROTECTION EQUIPMENT BEFORE START LAYING DOWN CORE.
09:00	10:30	0	formation evaluation -- trip	ok	RETRIVED CORE NO 2, 100 % RECOVERY. MAX 5 PPM H2S WHEN RETRIVING CORE.
10:30	12:30	0	formation evaluation -- trip	ok	M/UP COREBARREL AND COREHEAD. SERVICED COREBARREL.
12:30	15:30	2160	formation evaluation -- trip	ok	RIH TO CSG WINDOW AT 2161M. BREAK CIRC EACH 1000 M.
15:30	16:00	2160	formation evaluation -- wait	ok	HELD SAFETY MEETING WITH ALL PERSONNEL WITH H2S GAS, GAS PROCEDYRES AND CONTINGENCIES.
16:00	18:30	3876	formation evaluation -- trip	ok	CONTINUED RIH TO 3876M.
18:30	20:30	3876	formation evaluation -- circulating conditioning	ok	CIRC BTM'S UP IN ORDER TO CLEAN WELL FOR GAS. MAX PEAK FROM PREVIOUS CORING; 15,2 %. CIRC GAS LEVEL DOWN TO 0,9 %.
20:30	21:00	3881	formation evaluation -- trip	ok	ROTATE AND WASH TO BTM AT 3881,5M. SPACED OUT STRING.
21:00	21:30	3881	formation evaluation -- circulating conditioning	ok	DROP BALL AND SEATED SAME IN COREBARREL WITH 17 BAR PRESS INCREASE. TAKE SCR'S.
21:30	23:00	3908	formation evaluation -- core	ok	CUT CORE NO 3 FROM 3881,5 TO 3908,5M.
23:00	23:30	3820	formation evaluation -- trip	ok	PUMP OUT OF HOLE TO 3820M. HAD 45 T OVER PULL AT CONNECTION AT 3880M. ROTATE STRING AND HAD NO EXCESSIVE TORQUE TO BREAK ROTATION, NORMAL PUMP PRESSURES INDICATING GEOMETRICAL OBSTRUCTION.
23:30	00:00	3820	formation evaluation -- circulating conditioning	ok	CIRC TO CLEAN OUT CORING GAS.

Drilling Fluid

Sample Time	22:30
Sample Point	Flowline
Sample Depth mMD	3893
Fluid Type	ULTIDRILL
Fluid Density (g/cm3)	1.55
Funnel Visc (s)	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)	39
Yield point (Pa)	10
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	3600		1.22	estimated
00:00	3908.5		1.09	estimated

Core Information

Core No	Depth Top mMD	Depth Bottom mMD	Core Length (m)	Recover core (%)	Core barrel length (m)	Inner barrel type	Description
2	3854	3881.5	27.7	100	28	aluminum	none

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3854	-999.99				SANDSTONE

Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top mTVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas ()	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	trip gas	3881.5		3089.3		2.45		22386	2259	464	36	6
00:00	drilling gas peak	3894				12.75		87345	5653	2923	155	68