Summary report

Wellbore: 15/9-19 A **Period: 1997-08-15 00:00 - 1997-08-16 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:	1997-07-25 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):	27
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:	3935.5
Depth mTVD:	3136.4
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)

RETRIEVED CORE NO 3. 99,6 % RECOVERY. CUT CORE NO 4. CIRC DOWN GAS GAS LEVEL AND POH TO CURRENT DEPTH 1195M.

Summary of planned activities (24 Hours)

RETRIEVE CORE NO 4. RIH AND CUT CORE NO 5. CIRC OUT GAS AND POOH WITH COREBARREL.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	3820	formation evaluation -- circulating conditioning	ok	CONTINUED CIRC BTM'S UP. MAX GAS FROM CORING 12,75 % DECLINED TO 2,8 %
02:00	06:00	1412	formation evaluation -- trip	ok	FLOW CHECKED OK. PUMP SLUG AND POOH. FLOW CHECKED INSIDE CSG WINDOW.OK CURRENT DEPTH AT REPORT TIME 1412M.
06:00	08:30	0	formation evaluation -- trip	ok	CONTINUED POOH WITH CORE NO 3. FLOW CHECKED AT CSG WINDOW AND BEFORE PULLING BHA INTO BOP.
08:30	10:00	0	formation evaluation -- trip	ok	RETRIEVED CORE NO 3. INITIAL TOP OF CORE HAD 80 PPM H2S GAS CONTENT WHICH DISPERSED, CHECKS WHILE RETRIEVING WERE 10 PPM DOWN TO 0 PPM. 99,6 % CORE RECOVERY.
10:00	11:30	0	formation evaluation -- trip	ok	SERVICED CORE BARREL AND MADE UP COREBARREL WITH INNERBARREL.
11:30	17:30	3820	formation evaluation -- trip	ok	RIH TO 3820M. BROKE CIRC EACH 1000M.
17:30	18:30	3908	formation evaluation -- trip	ok	WASH AND ROTATE FROM 3820 TO BTM AT 3908,5M.
18:30	20:00	3908	formation evaluation -- circulating conditioning	ok	CIRC BTM'S UP IN ORDER TO CLEAN WELL FOR GAS. MAX GAS 4,5 %, DECLINED TO 1 %.
20:00	21:00	3908	formation evaluation -- circulating conditioning	ok	DROP BALL AND SPACE OUT STRING. SEATED BALL IN COREBARREL WITH 17 BAR PRESSURE INCREASE. TAKE SCR'S.
21:00	23:00	3935	formation evaluation -- core	ok	CUT CORE NO 4 FROM 3908,5 TO 3935,5M. MAX GAS FROM CORING 9%.
23:00	00:00	3820	formation evaluation -- trip	ok	BROKE CORE ON 3RD ATTEMPT HOLDING 16T OVER PULL. PUMPED AND ROTATED SLOWLY WHILE PULLING BACK TO 3820M.

Drilling Fluid

Sample Time	14:00	23:00
Sample Point	Flowline	Flowline
Sample Depth mMD	3908	3936
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.55	1.55
Funnel Visc (s)	75	75
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)	36	36
Yield point (Pa)	12	14
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	3935.5		1.13	estimated

Core Information

Core No	Depth Top mMD	Depth Bottom mMD	Core Length (m)	Recover core (%)	Core barrel length (m)	Inner barrel type	Description
3	3881.5	3908.5	26.9	99.6	28	aluminum	none

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3881.5	-999.99				SANDSTONE

Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top TVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas ()	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	trip gas	3908.5				4.49		34589	1301	422	52	15
00:00	drilling gas peak	3911.5				9.08		61294	4287	2079	111	28
00:00	drilling gas peak	3930.5				1.86		12293	2100	287	24	10
00:00	drilling gas peak	3935.5				.71		5299	318	145	14	9