

Summary report

Wellbore: 15/9-19 A

Period: 1997-08-17 00:00 - 1997-08-18 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	25
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):	27.5
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:	3990
Depth mTVD:	3182.8
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)

RECOVERED CORE NO 5, 102 % RECOVERY. RIH AND CUT CORE NO 6. POOH AND RECOVERED CORE. 100,5 % RECOVERY. CHANGED BIT AND RIH TO CUT CORE NO 7.

Summary of planned activities (24 Hours)

RIH AND CUT CORE NO 7. POOH AND RECOVER CORE. EVALUATE CORE. CHANGE LEAKING IBOP ON TDS.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	25	formation evaluation -- trip	ok	CONTINUED POOH. FLOW CHECKED AT CSG WINDOW AND BEFORE BHA ENTERED BOP. CHECKED COREBARREL FOR H2S GAS, NO GAS PRESENT.
06:00	07:00	0	formation evaluation -- trip	ok	RECOVERED CORE NO 5. 102 % RECOVERY. NO H2S GAS DETECTED FROM COREBARREL.
07:00	08:30	0	formation evaluation -- trip	ok	MADE UP COREHEAD AND INNERBARREL, SERVICED COREBARREL.
08:30	13:30	3905	formation evaluation -- trip	ok	RIH WITH COREBARREL TO 3905M. BROKE CIRCULATION EACH 1000M.
13:30	14:30	3962	formation evaluation -- trip	ok	WASHED AND ROTATED FROM 3905M TO 3962M.
14:30	15:00	3962.5	formation evaluation -- circulating conditioning	ok	TAGGED BTM AT 3962,5M AND SPACED OUT. SEATED BALL IN BALL SEAT WITH 29 BAR PRESSURE INCREASE. RECORDED SCR'S
15:00	17:30	3990	formation evaluation -- core	ok	CUTTED CORE NO 6 FROM 3962,5M TO 3990M. BROKE CORE WITH 10 T OVER PULL.
17:30	18:30	3820	formation evaluation -- trip	ok	PUMPED AND ROTATED UP TO 3820M.
18:30	20:30	3820	formation evaluation -- circulating conditioning	ok	CIRCULATED BTM UP TO CLEAN WELL FROM CORING GAS. MAX GAS 1,7 % DECLINED TO 0,8 %.
20:30	00:00	1400	formation evaluation -- trip	ok	FLOW CHECKED, OK. PUMPED SLUG AND POOH TO 1400M AT 2400 HRS. HAD FLICKERS ON WEIGHT INDICATOR AT 2725 AND 2472M, MAX 22 T OVER PULL FLOW CHECKED IN CSG WINDOW, OK.

Drilling Fluid

Sample Time	15:30	21:00
Sample Point	Flowline	Flowline
Sample Depth mMD	3968	3990
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.55	1.55
Funnel Visc (s)	67	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)	42	40
Yield point (Pa)	9	15
Filtration tests		
Pm filtrate ()		
Filtrate Ltsp ()		
Filtrate Htsp ()		
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	3990		1.11	estimated

Core Information

Core No	Depth Top mMD	Depth Bottom mMD	Core Length (m)	Recover core (%)	Core barrel length (m)	Inner barrel type	Description
5	3935.5	3962.5	27.5	102	28	aluminum	none
6	3962.5	3990	27.6	100.5	28	aluminum	none

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3935.5	-999.99				SANDSTONE WITH LAYERS OF COAL AND IN UPPER PART ALSO SOME BEDS OF SILT STONE AND CLAYSTONE

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	3962.5				3.38		28244	1151	62	10	1
00:00	drilling gas peak	3971				1.67		12551	562	83	11	6
00:00	drilling gas peak	3978				1.4		9666	678	94	13	14