

Summary report

Wellbore: 15/9-19 A

Period: 1997-08-16 00:00 - 1997-08-17 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:	1997-07-25 00:00
Wellbore type:	
Elevation RKB-MSL (m):	25
Water depth MSL (m):	84
Tight well:	Y
HPHT:	Y
Temperature (I):	
Pressure (I):	
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 (I):	

Depth at Kick Off mMD:	2178
Depth at Kick Off mTVD:	
Depth mMd:	3962.5
Depth mTVD:	3159.5
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 4. RIH AND CUTTED CORE NO 5. CIRCULATED BTM UP. POOH. STARTED TO RETRIEVE CORE NO 5.

Summary of planned activities (24 Hours)

RIH TO CORE 20M INTO SKAGERAK FORMATION. POOH AND RETRIEVE SAME.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	3820	formation evaluation -- circulating conditioning	ok	CIRCULATED BTM UP TO CLEAN WELL FOR CORING GAS. MAX GAS 0,7 %
02:00	06:00	1195	formation evaluation -- trip	ok	FLOW CHECKED, OK. PUMP SLUG AND POOH. FLOW CHECKED INSIDE CSG WINDOW, OK. CURRENT DEPTH AT REPORT TIME 1195M.
06:00	09:00	0	formation evaluation -- trip	ok	CONTINUED TO POOH. FLOW CHECKED BEFORE PULLING BHA INTO BOP, OK.
09:00	10:30	0	formation evaluation -- trip	ok	RETRIEVED CORE NO 4. 96,3 % RECOVERY. NO H2S GAS PRESENT IN COREBARREL
10:30	11:00	0	formation evaluation -- trip	ok	MADE UP NEW COREHEAD AND INNERBARREL. SERVICED COREBARREL.
11:00	17:00	3847	formation evaluation -- trip	ok	RIH WITH COREBARREL TO 3847M. BROKE CIRCULATION EACH 1000M.
17:00	17:30	3935	formation evaluation -- trip	ok	WASHED AND ROTATED FROM 3847M TO 3935,5M.
17:30	18:30	3935	formation evaluation -- circulating conditioning	ok	TAGGED BTM AND SPACED OUT. SEATED BALL IN BALL SEAT WITH 26 BAR PRESSURE INCREASED. RECORDED SCR'S.
18:30	20:30	3962	formation evaluation -- core	ok	CUT CORE NO 5 FROM 3935,5M TO 3962,5M. BROKE CORE WITH 11 TON OVER PULL.
20:30	22:00	3820	formation evaluation -- trip	ok	PUMPED AND ROTATED UP TO 3820M.
22:00	23:30	2820	formation evaluation -- circulating conditioning	ok	CIRCULATED BTM UP TO CLEAN WELL FROM CORING GAS. MAX GAS 2,1 % DECLINED TO 0,8 %.
23:30	00:00	3600	formation evaluation -- trip	ok	FLOW CHECKED, OK. PUMPED SLUG AND POOH TO 3600M AT 2400 HRS.

Drilling Fluid

Sample Time	14:00	23:00
Sample Point	Flowline	Flowline
Sample Depth mMD	3936	3962
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.55	1.55
Funnel Visc (s)	74	74
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)	40	36
Yield point (Pa)	10	13.5
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	3962.5		1.12	estimated

Core Information

Core No	Depth Top mMD	Depth Bottom mMD	Core Length (m)	Recover core (%)	Core barrel length (m)	Inner barrel type	Description
4	3908.5	3935.5	26	96.3	28	aluminum	none

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3908.5	-999.99				SANDSTONE WITH BEDS OF SILTSTONE AND LAYERS OF COAL

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	drilling gas peak	3937				1.73		14433	1188	138	17	7
00:00	drilling gas peak	3944.5				1.68		12512	1304	138	19	8