

Summary report

Wellbore: 15/9-19 BT2

Period: 1997-12-28 00:00 - 1997-12-29 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:	1997-12-05 00:00
Wellbore type:	
Elevation RKB-MSL (m):	25
Water depth MSL (m):	85
Tight well:	Y
HPHT:	Y
Temperature (°):	
Pressure (°):	
Date Well Complete:	

Dist Drilled (m):	27
Penetration rate (m/h):	-999.99
Hole Dia (in):	6
Pressure Test Type:	
Formation strength (°):	
Dia Last Casing (°):	

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMd:	3717
Depth mTVD:	2887
Plug Back Depth mMD:	
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)

DRILLED 3708M TO 3717M. POOH AND CHANGED BIT AND AKO MOTOR. RIH TO BTM AND DRILLED FROM 3717M TO 3728M.

Summary of planned activities (24 Hours)

DRILL TO CORE POINT.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	3669	drilling -- drill	fail	PERFORMED FLOW CHECK AND OBSERVED WELL FLOW. CLOSE ANNULAR, NO PRESSURE OBSERVED. OPENED CHOKE AND OBSERVED WELL STATIC. FOUND MUD WEIGHT TO BE INSUFFICIENT AND CAUSED U TUBE EFFECT. CORRECTED MUD WEIGHT IN ACTIVE FROM 1.45 SG TO 1.40 SG WHILST RECIPROCATED STRING AND CIRCULATED WITH 20 SPM.
01:00	02:30	3690	interruption -- repair	fail	CONTINUED LOGGING WITH MWD FROM 3679M TO 3690M. MADE 4 ATTEMPTS BEFORE OBTAINED GOOD SURVEY. WASHED ONTO BTM SEVERAL TIMES PRIOR TO DRILLING.
02:30	06:00	3708	drilling -- drill	ok	DRILLED FROM 3690M TO 3708M.
06:00	09:30	3717	drilling -- drill	ok	DRILLED FROM 3708M TO 3717M. ROP GRADUALLY DECREASED TO ZERO FOR 1 HRS
09:30	10:00	3690	drilling -- trip	ok	REAMED SECTION FROM 3717M TO 3690M.
10:00	19:00	0	drilling -- trip	ok	POOH TO LINER SHOE. FLOW CHECKED AND PUMPED SLUG. CONTINUED POOH TO SURFACE AND CHANGED AKO MOTOR AND BIT.
19:00	19:30	0	drilling -- trip	ok	MADE UP 5 7/8" STABILIZER ON TOP OF AKO AND SET AKO TO 0 DEGR. CHECKED SCRIBE LINE.
19:30	20:00	26	drilling -- other	ok	DUMPED MWD MEMORY.
20:00	23:30	1837	drilling -- trip	ok	RIH TO 1837M. FILLED PIPE EACH 35 STANDS. TESTED MWD OK AT 1000M.
23:30	00:00	1873	interruption -- maintain	fail	DISCOVERED SMOKE FROM INSIDE DRAWWORKS. FOUND SMOULDERS FROM GREASE/OBM BEHIND BRAKE BANDS. EXTINGUISUED SMOULDERS AND CLEANED BRAKE BANDS.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3690	3690
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	64	64
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)	26	26
Yield point (Pa)	11	11

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	3728		1.27	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3698	2871.4	29.7	159.1	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3700	-999.99				CLAYSTONE WITH INTERLAMINATED MARL

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	drilling gas peak	3717		2887.4		20		165412	5210	1010	21	-999.99