

Summary report

Wellbore: 15/9-19 BT2

Period: 1997-12-19 00:00 - 1997-12-20 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	15
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):	39
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:	3360
Depth mTVD:	2585.6
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)

ATTEMPTED TO DRILL IN ORIENTED MODE, NO GO DUE TO BIT STALLING. POOH AND CHANGED BIT AND PROBE IN MWD TOOL. RIH TO 1900M.

Summary of planned activities (24 Hours)

CONTINUE RIH, SLIP/ CUT DRILL LINE AND REPAIR DRAW WORK CHAIN AT SHOE. CONTINUE RIH AND DRILL ORIENTED MODE. POOH AND CHANGE BIT. RIH

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:30	3348	drilling -- drill	ok	CONTINUED DRILLING IN ROTATION MODE FROM 3325M TO 3348M.
03:30	06:00	3348	interruption -- other	fail	OBTAINED SURVEY AT 3321M. ATTEMPTED TO GET CONTINUOUS TOOLFACE READING NO SUCCESS DUE TO MWD SIGNAL DECODING PROBLEM AT SURFACE. CHARGED RIG PUMP PULSATION DAMPERS TO 900 PSI. DID NOT GET IMPROVEMENT ON MWD SURFACE READOUT. CONTINUING TROUBLE SHOOT MWD DECODING.
06:00	06:30	3348	interruption -- other	fail	CONTINUED TROUBLE SHOOT MWD DECODING.
06:30	10:00	3360	drilling -- drill	ok	CONTINUED DRILLING FROM 3348M TO 3360M. ATTEMPTED TO DRILL IN ORIENTED MODE, NO SUCCESS DUE TO WEIGHT STACKED PROBLEM AND SUBSEQUENTLY MOTOR STALLING WHEN BIT HIT FORMATION.
10:00	11:30	3198	drilling -- trip	ok	BACKREAMED TO INTO 7" LINER SHOE.
11:30	13:00	3198	drilling -- circulating conditioning	ok	CIRCULATED BTM'S UP INSIDE LINER SHOE.
13:00	14:00	2900	drilling -- trip	ok	PULLED OUT OF HOLE WITH WET PIPE.
14:00	14:30	2900	interruption -- maintain	fail	REPAIRED HOSE ON MUD BUCKET.
14:30	16:00	2095	drilling -- trip	ok	CONTINUED POOH TO TOP OF 7" LINER.
16:00	17:30	2095	drilling -- circulating conditioning	ok	CIRCULATED BTM'S UP. FLOW CHECKED AND PUMPED SLUG.
17:30	23:00	0	drilling -- trip	ok	CONTINUED POOH TO SURFACE.
23:00	00:00	0	drilling -- trip	ok	INSTALLED BLIND SUB AND CHANGED PROBE IN MWD. CHANGED BIT AND DUMPED MWD MEMORY.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3321	3321
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	67	67
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)	29	29
Yield point (Pa)	8	8

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	3360		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3333	2564.7	29.8	152.1	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3340	-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	3360		2585		10.1		90024	1920	28	1	-999.99