

Summary report

Wellbore: 15/9-19 BT2

Period: 1998-01-09 00:00 - 1998-01-10 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	36
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):	139
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:	4248
Depth mTVD:	3358
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)

FINISHED REAMING FROM 4130M TO 4139M TO ACQUIRE BETTER MWD LOG.  
DRILLED FROM 4139M TO 4250M. CIRCULATED BOTTOMS UP AND BOOSTED RISER.  
POOH FOR WIPER TRIP. PIPE STUCK AT 4094M. WORKED STUCK PIPE.

Summary of planned activities (24 Hours)

WORK STUCK PIPE.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	4109	formation evaluation -- log	ok	FINISHED REAMING TO BOTTOM TO OBTAIN MWD LOG. HIGH TORQUE LIMITED PROGRESS. NO FILL.
01:00	03:30	4139	drilling -- drill	ok	DRILLED 6" HOLE FROM 4109M TO 4139M. MWD SIGNAL INTERMITTENT AFTER DRILLING STARTED RESULTING IN POOR LOG QUALITY.
03:30	06:00	4130	formation evaluation -- other	fail	POOH TO 4105M. STRING STUCK BRIEFLY AT 4123M WHILE RACKING BACK STAND OF DRILL PIPE. REAMED FROM 4105M TO 4130M TO ACQUIRE BETTER MWD LOG.
06:00	07:00	4139	formation evaluation -- other	fail	FINISHED REAMING FROM 4130M TO 4139M TO ACQUIRE BETTER MWD LOG.
07:00	00:00	4248	drilling -- drill	ok	DRILLED 6" HOLE FROM 4139M TO 4248M.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	4038	4038
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	52	52
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)	10.5	10.5
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	3775		1.3	estimated
00:00	4250		1.12	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
4140	3265.9	30	154.1	
4170	3291.8	30.9	154	
4197	3314.9	31.2	152.9	
4226	3339.7	31.5	152.8	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
4137	-999.99				INTERBEDDED CLAYSTONE AND SANDSTONE WITH COAL STRINGERS
4214	-999.99				CLAYSTONE (RED BEDS) WITH OCCASIONAL VERY THIN SANDSTONE STRINGERS

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	4152		3276		1.87		16710	2339	35	2	-999.99
00:00	drilling gas peak	4161		3284		1.93		18211	1488	105	4	-999.99