

Summary report

Wellbore: 15/9-19 BT2

Period: 1997-12-18 00:00 - 1997-12-19 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	14
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):	101
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:	3321
Depth mTVD:	2559.8
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)

COMPLETED TRIP TO CHANGE TO MOTOR AND MWD BHA. DRILLED TO 3317M. MULTIPLE SURVEY TAKES TO GET SURVEY, CONTINUED DRILLING IN ROTATING MODE TO 3348M. WORKED TO GET TOOLFACE READOUT, NO SUCCESS.

Summary of planned activities (24 Hours)

TROUBLE SHOOT MWD DECODING AND CONTINUE DRILL 6" HOLE.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	1370	drilling -- trip	ok	CONTINUED TO RIH TO 1370 M.
00:30	05:00	2073	drilling -- trip	ok	PU 72 JTS. OF ADDITIONAL 3 1/2" DP WHILE TRIPPING-IN-HOLE WITH 6" BIT- TO 2073 M.
05:00	06:00	2400	drilling -- trip	ok	MU 5" X 3 1/2" X/OVER WITH CIRCULATION SUB ABOVE X/OVER. CONTINUED TO RIH ON 5" DP. Ø REPORT TIME BIT DEPTH = 2400 M. HAD TO ROTATE STRING SLOWLY IN ORDER TO TRIP BIT THROUGH TOP OF LINER Ø 2097M.
06:00	06:30	2650	drilling -- trip	ok	CONTINUED RIH WITH 5" DP TO 2650M.
06:30	07:00	2650	interruption -- well control	ok	OBSERVED WELL ON TRIP TANK, NO LOSSES OBSERVED.
07:00	08:30	3173	drilling -- trip	ok	CONTINUED RIH TO 3173M.
08:30	09:00	3220	drilling -- circulating conditioning	ok	PRECAUTIONARY WASHED FROM 3173M TO 3220M.
09:00	21:00	3317	drilling -- drill	ok	DRILLED FROM 3220M TO 3317M IN ROTATING MODE.
21:00	23:00	3317	interruption -- other	fail	TOOK MULTIPLE SURVEYS AT 3264 AND 3294M. OBTAINED INCOMPLETE SIGNALS. ALTERNATED RECEIVING FILTERS, SIGNALS STILL OUT OF SPEC. CALCULATED GOOD RESULTS FROM MULTIPLE SURVEYS AND OBTAINED GOOD SURVEYS.
23:00	00:00	3325	drilling -- drill	ok	CONTINUED DRILLING FROM 3317M TO 3325M.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3220	3220
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	70	70
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)	9	9
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	3348		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3262	2505	31.9	156.7	
3292	2529.4	31.9	155.5	
3321	2554.3	30.1	153.3	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3220	-999.99				SANDSTONE WITH SOME 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	drilling gas peak	3169				12.4		113546	926	9	1	-999.99
00:00	drilling gas peak	3317				3.27		20778	910	21	1	-999.99