

Summary report

Wellbore: 15-9-19 BT2

Period: 1997-12-20 00:00 - 1997-12-21 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	16
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):	45
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:	3405
Depth mTVD:	2627.4
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 RIH WITH TRICONE BIT, ORIENT DRILLED IN ORDER TO TURN RIGHT AND INCREASE INCLINATION. TIGHT HOLE IN CRETACEOUS FORMATION. BACKREAMED TO 3365M. POOH IN ORDER TO CHANGE BIT AND MW.

Summary of planned activities (24 Hours)

COMPLETE BHA CHANGE, RIH AND DRILL 6" HOLE.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	0	drilling -- trip	ok	CHECKED SCRIBE LINE. CLEANED MPR ON MWD ASSEMBLY. RESET PROBE IN ACCORDANCE TO SCRIBE LINE. LOADED MWD MEMORY.
02:00	06:00	1900	drilling -- trip	ok	RIH TO 754M, BROKE CIRC AND TESTED MWD PULSES, OK. CONTINUED RIH WITH 3 1/2" DP.
06:00	10:00	3197	drilling -- trip	ok	CONTINUED RIH WITH 6" DRILLING BHA TO 7" LINER SHOE.
10:00	11:00	3198	drilling -- drill	ok	S/C DRILL LINE.
11:00	13:00	3360	drilling -- trip	ok	CONTINUED RIH. PRECAUTIONARY WASH FROM 3227M TO 3360M.
13:00	20:30	3405	drilling -- drill	ok	DRILLED IN ORIENTED MODE FROM 3360 - 3403M, ROTATED FROM 3403 - 3405M ATTEMPTED TO ORIENT DRILLING FROM 3405M, NO SUCCES DUE TO WEIGHT STACK UP IN STRING. NO DIFFERENTIAL PRESSURE ON BIT.
20:30	21:30	3400	drilling -- ream	ok	OBTAINED 92 TON OVER PULL 3 TIMES WHEN ATTEMPTING TO PULL OFF BOTTOM AFTER ORIENTING. ESTABLISHED ROTATION AT NEUTRAL POINT. BACKREA MED AND REAMED F/3405 TO 3396M WITH MAX 2000 NM EXCESSIVE TORQUE.
21:30	22:00	3365	drilling -- ream	ok	TOOK SURVEY AT 3398M. HAD 61 T OVER PULL AFTER SURVEY. BACKREAMED FROM 3398 TO 3365M.
22:00	23:30	3140	drilling -- trip	ok	PULLED WITH WET PIPE FROM 3365M TO INSIDE LINER SHOE AT 3140M. HOLE IN GOOD CONDITION. TRICONE BIT REVOLUTIONS 180K, ON BTM 74K.
23:30	00:00	3140	drilling -- trip	ok	PUMPED 10 MIN, FLOW CHECKED, WELL STATIC. PUMPED SLUG.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3360	3360
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)	12	12
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT ()		

Comment		
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Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3405		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3352	2581.2	29.3	151.9	
3381	2606.5	29.3	149.5	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3360	-999.99				SANDSTONE AND LIMESTONE IN LOWER PART

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		12.1		100890	3005	28	1	-999.99