

Summary report

Wellbore: 15/9-19 A

Period: 1997-07-29 00:00 - 1997-07-30 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	6
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	BYFORD DOLPHIN
Drilling contractor:	
Spud Date:	1997-07-25 00:00
Wellbore type:	
Elevation RKB-MSL (m):	25
Water depth MSL (m):	84
Tight well:	Y
HPHT:	Y
Temperature (I):	
Pressure (I):	
Date Well Complete:	1997-08-30

Dist Drilled (m):	113
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.73
Dia Last Casing (I):	

Depth at Kick Off mMD:	2178
Depth at Kick Off mTVD:	
Depth mMd:	2311
Depth mTVD:	1695
Plug Back Depth mMD:	
Depth at formation strength mMD:	2178
Depth At Formation Strength mTVD:	1627
Depth At Last Casing mMD:	4643
Depth At Last Casing mTVD:	

Summary of activities (24 Hours)

FINISHED HANDLING MILLING BHA. MU & TIH WITH DRILLING BHA TO TD.
DRILLED FROM 2202 - 2405 M. SLIDING AS DIRECTIONAL PROGRAM REQUIRED TO DROP ANGLE & TURN HOLE TOWARD OBJECTIVE.

Summary of planned activities (24 Hours)

CONTINUE DRILLING 8 1/2" HOLE.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	2202	interruption -- sidetrack	ok	FINISHED DRILLING TO 2202 M - TOTAL OF 19 M OF FORMATION DRILLED BEYOND WINDOW'S BOTTOM. PU & SO THROUGH WINDOW 5 TIMES - N O PROBLEMS.
01:00	02:30	2175	drilling -- circulating cond itioning	ok	PU ABOVE TOP OF WINDOW & PUMPED 5 M3 HI-VIS PILL. CIRCULATED HOLE CLEAN AT 2000 LPM AT 195 BAR. FLUSHED CHOKE & KILL LINES & B OOSTED RISER.
02:30	06:00	100	drilling -- trip	ok	POOH TO MU DRILLING BHA.
06:00	07:00	0	drilling -- trip	ok	FINISHED HANDLING WHIPSTOCK/MILLING BHA.
07:00	10:30	430	drilling -- trip	ok	MU DRILLING BHA & TIH TO 430 M WITH NEW 8 1/2" PDC BIT.
10:30	11:30	430	drilling -- other	ok	S/C DRILLINE.
11:30	12:30	430	interruption -- maintain	fail	ELECTRICAL PROBLEM WITH TOP DRIVE SYSTEM; REPAIRED SAME.
12:30	16:30	2161	drilling -- trip	ok	CONTINUED TO TIH TO 2161 M.
16:30	17:00	2161	drilling -- trip	ok	ORIENTED TOOL-FACE.
17:00	17:30	2190	drilling -- trip	ok	RIH SLOWLY-NO ROTATION OR CIRCULATION-FROM 2161 - 2190 M. WINDOW IN CASING FROM 2178 - 2183 M. MADE CHECK TRIP TO 2175 M; NO P ROBLEMS PASSING THROUGH WINDOW.
17:30	18:00	2202	drilling -- trip	ok	BROKE CIRCULATION. WASHED DOWN FROM 2190 - 2202 M / TD.
18:00	00:00	2311	drilling -- drill	ok	DRILLED/ORIENTED 8 1/2" HOLE FROM 2202 - 2311 M.

Drilling Fluid

Sample Time	00:00	06:00
Sample Point	Flowline	Flowline
Sample Depth mMD	2192	2192
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.5	1.5
Funnel Visc (s)	147	147
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)	51	51
Yield point (Pa)	15.5	15.5
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	2405		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2178	1626.9	58.95	281.88	
2289	1691.1	50.3	282.7	
2318	1710.1	48.3	284.3	
2348	1730.5	45.8	286.8	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
2202	-999.99				CLAYSTONES WITH THIN LIMESTONE STRINGERS - HORDALAND GROUP

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	2231		1654.2		.3		1588	21	7	1	-999.99
00:00	drilling gas peak	2237		1657.3		.37		2812	26	21	1	-999.99
00:00	drilling gas peak	2384		1756.1		.51		3430	23	21	2	-999.99