

Summary report

Wellbore: 15/9-19 A

Period: 1997-08-05 00:00 - 1997-08-06 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	13
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 ():	
Pressure ():	
Date Well Complete:	1997-08-30

Dist Drilled (m):	312
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 ():	

Depth at Kick Off mMD:	2178
Depth at Kick Off mTVD:	
Depth mMD:	3369
Depth mTVD:	2626
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)

DRILLED 8 1/2" HOLE FROM 3057 - 3379 M. CIRCULATED TO REDUCE HOLE DRAG.
DRILLED FROM 3379 - 3390 M.

Summary of planned activities (24 Hours)

DRILLING 8 1/2" HOLE.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	2135	drilling -- trip	ok	CONTINUED TO TIH TO 2135 M.
02:00	03:00	2210	drilling -- drill	ok	FILLED DRILLSTRING. CIRCULATED AT 1985 LPM / 196 BAR ; ORIENTED BIT TO 65 DEG. RIGHT & RIH THROUGH CASING WINDOW.
03:00	04:30	3057	drilling -- trip	ok	COMPLETED TIH TO TD-3057 M. WASHED LAST STAND TO BOTTOM - NO FILL.
04:30	06:00	3057	drilling -- circulating con ditioning	ok	TOOK SCRS. INCREASE IN GAS TO 6.9 % - CORRECTED. COMPLETED CIRCULATING BOTTOMS UP PRIOR TO DRILLING. GAS DECREASED TO 0.5 %. STARTED DRILLING 8 1/2" HOLE AT 0546 HRS.
06:00	00:00	3369	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 3057 - 3369 M.

Drilling Fluid

Sample Time	16:30	22:00
Sample Point	Flowline	Flowline
Sample Depth mMD	3316	3356
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.54	1.55
Funnel Visc (s)	56	54
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)	34	34
Yield point (Pa)	11	10.5
Filtration tests		
Pm filtrate ()		
Filtrate Ltph ()		
Filtrate Htph ()		
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	3390		1.2	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3070	2353.8	24.5	17.8	
3100	2381.1	24	17.6	
3129	2407.6	23.9	15.9	
3158	2434.2	23.6	17.1	
3187	2460.7	23.8	17.3	
3216	2487.2	24	15.7	
3245	2513.7	24.4	15.2	
3274	2540.1	24.6	15.3	
3303	2566.4	24.8	14.8	
3331	2591.9	24.7	15	
3360	2618.2	25	13.5	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3050	-999.99				CLAYSTONE WITH BEDS OF LIMESTONE/SILTSTONE
3178	-999.99				SANDSTONE WITH BEDS OF SILTSTONE/CLAYSTONE
3308	-999.99				LIMESTONE

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	connection gas	3089				.23		1275	38	9	1	-999.99
00:00	connection gas	3116				.2		1180	29	4	-999.99	-999.99
00:00	connection gas	3146				.18		960	24	6	1	-999.99
00:00	connection gas	3175				.8		4366	121	42	1	-999.99
00:00	connection gas	3203				1.5		13600	105	28	1	-999.99
00:00	connection gas	3232				1.07		7191	258	46	3	-999.99
00:00	connection gas	3319				.58		4239	79	24	2	-999.99
00:00	connection gas	3349				.15		650	20	11	1	-999.99
00:00	connection gas	3379				1.36		10024	43	284	7	-999.99