

Summary report

Wellbore: 15/9-19 A

Period: 1997-08-06 00:00 - 1997-08-07 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:	1997-07-25 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):	181
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:	3550
Depth mTVD:	2790
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 3390 - 3573 M. CIRCULATING AS REQUIRED TO CLEAN HOLE

Summary of planned activities (24 Hours)

DRILLING 8 1/2" HOLE TO CORE POINT.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	3379	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 3369 - 3379 M. HAD INCREASING AMOUNT OF CAVINGS IN RETURNS.
01:30	03:30	3379	drilling -- circulating conditioning	ok	CIRCULATED UNTIL SHAKERS CLEANED-UP BECAUSE OF INCREASE IN HOLE DRAG. BOOSTED RISER & FLUSHED CHOKE/KILL LINES. FLOW RATE = 2500 LPM. NOTE: EXCESSIVE AMOUNT OF CUTTINGS TO SURFACE; TOOK 3 BOTTOMS UP FOR SHAKERS TO CLEAN-UP.
03:30	06:00	3390	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 3379 - 3390 M.
06:00	17:00	3494	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 3390 - 3494 M.
17:00	18:00	3494	drilling -- circulating g conditioning	ok	CIRCULATED UNTIL SHAKERS CLEANED UP BECAUSE OF INCREASE IN TORQUE + DRAG AND INCREASE OF PRESENCE OF CASINGS. BOOSTED RISER.
18:00	00:00	3550	drilling -- drill	ok	DRILLED 8 1/2" HOLE FROM 3494 - 3550 M.

Drilling Fluid

Sample Time	11:45	18:06	22:00
Sample Point	Flowline	Flowline	Flowline
Sample Depth mMD	3437	3494	3532
Fluid Type	ULTIDRILL	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.55	1.55	1.55
Funnel Visc (s)	54	54	55
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)	32	31	32
Yield point (Pa)	10	10.5	10
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	3573		1.2	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3389	2644.5	24.8	13.3	
3418	2670.8	24.7	13.7	
3447	2697.1	24.8	12.9	
3477	2724.4	24.7	13.4	
3505	2749.9	24.2	13.8	
3533	2775.5	23.7	12.4	
3562	2802.1	23.4	11.1	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3390	-999.99				LIMESTONE GRADING TO MARL WITH DEPTH

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	3405				1.52		10418	44	41	3	-999.99
00:00	connection gas	3435				1.17		7028	1521	30	2	-999.99
00:00	connection gas	3464				1.67		12968	43	22	4	-999.99
00:00	drilling gas peak	3466				.75		4795	43	18	2	-999.99
00:00	connection gas	3494				1.32		8246	38	31	2	-999.99
00:00	connection gas	3524				.61		4211	45	26	1	-999.99
00:00	connection gas	3552				1.26		8514	47	33	3	-999.99