

Summary report

Wellbore: 15/9-19 B

Period: 1997-11-23 00:00 - 1997-11-24 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	15
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	BYFORD DOLPHIN
Drilling contractor:	
Spud Date:	1997-11-10 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):	-999.99
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:	2911
Depth at Kick Off mTVD:	
Depth mMD:	3054
Depth mTVD:	2328
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)

RECONNECTED LMRP TO BOP. POOH W/ EMERGENCY DRILL PIPE HANG OFF TOOL. RIH TO BOTTOM. COULD NOT GAIN FULL CIRCULATION. POOH TO CASING WINDOW. GAINED FULL CIRCULATION. BEGAN WASHING TO BOTTOM AND REDUCING MW.

Summary of planned activities (24 Hours)

WASH TO BOTTOM AND REDUCE MUD WEIGHT. SQUEEZE LOSS ZONE AT +/- 3035M WITH CEMENT. RIH WITH DRILLING ASSEMBLY.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	2131	interruption - - waiting on weather	fail	CONTINUED W.O.W. WIND PERSISTED AT 16 M/S. SEAS DECAYED TO 4M, HEAVE TO 1.5M WITH OCCASIONAL PEAKS OF 1.8M. MADE UP DIVERTER HANDLING TOOL AND P REPARSED TO RECONNECT LMRP.
06:00	09:00	2131	interruption - - waiting on weather	fail	JUMPED ROV AND POSITIONED RIG TO RECONNECT LMRP. LATCHED LMRP AND PULL TESTED WITH 25T OVERPULL. PRESSURE TESTED CHOKE/KILL LINES TO 35/345 B AR. OPENED CHOKE/KILL LINES AND CHECKED FOR FLOW/PRESSURE.
09:00	10:00	2131	interruption - - waiting on weather	fail	RIH W/ DP RETRIEVAL STRING. DISPLACED RISER TO 1.53 SG MUD AND FLUSHED BOP BETWEEN SHEAR RAMS AND LOWER PIPE RAMS. OPENED SR AND MADE UP RET RIEVING STRING INTO EDPHOT.
10:00	13:00	2131	interruption - - waiting on weather	fail	CLOSED LOWER ANNULAR PREVENTER AND TESTED EX GASKET IN LMRP CONNECTOR TO 30 BAR. OPENED LPR AND CHECKED PRESSURE - 12 BAR. FLUSHED STACK DOWN KILL LINE AND UP UPPER CHOKE THROUGH POOR BOY DEGASSER - MAX GAS 5.8% STABILIZED AT 4-5%.
13:00	13:30	2131	interruption - - waiting on weather	fail	FLOWCHECKED WELL ON CHOKE LINE. OPENED LAP AND FLOWCHECKED WELL ON RISER.
13:30	16:00	2025	interruption - - waiting on weather	fail	CIRCULATED AND CONDITIONED MUD. POOH TO 2096M. CIRCULATED BOTTOMS UP AT 2000 LPM MAX. MAX GAS 8.8% BOTTOMS UP FROM WELLHEAD. GAS STABILIZED AT 2%. POOH. BROKE OUT EDPHOT AND REMADE EDPHOT STAND AND RACKED IN DERRICK.
16:00	18:30	3054	interruption - - lost circulation	fail	M/U CEMENTING STAND AND RIH TO 3054M. BROKE CIRCULATION SEVERAL TIMES WHILE RIH TO BALANCE MUD. NO FILL - NO MUD LOSSES.
18:30	21:30	3054	interruption - - lost circulation	fail	BROKE CIRCULATION AT 250 LPM WITH NO LOSSES. INCREASED RATE TO 1000 LPM AND BEGAN LOSING MUD AT 15 M3/HR. REDUCED CIRCULATING RATE TO 500 LPM - LOSSES AT 12 M3/HR. REDUCED CIRCULATING RATE TO 250 LPM - LOSSES AT 9 M3/HR. FLOWCHECKED - HOLE STOOD FULL WITH 30 BAR BACK PRESSURE ON DP. BLEED OFF DP PRESSURE AND POOH 1 STAND TO 3025. NO MUD GAINED.
21:30	22:30	3025	interruption - - lost circulation	fail	CIRCULATED AT 250 LPM - LOSSES AT 2 M3/HR. AT 400 LPM - LOSSES AT 4 M3/HR. AT 500 LPM - LOSSES AT 13 M3/HR. 91T STRING WEIGHT DOWN, 95T STRING WEIGHT UP. BACK PRESSURE ON DP 18-30 BAR EACH TIME PUMPS SHUT DOWN. MEANWHILE CONTINUED REDUCING MUD WEIGHT FROM 1.53SG TO 1.51SG. HAVE NOW LOST 52.6 M3 MUD. MAX GAS 6%.
22:30	00:00	2584	interruption - - lost circulation	fail	SLUGGED PIPE AND BEGAN POOH TO CASING WINDOW. NORMAL DRAG.

Drilling Fluid

Sample Time	23:59
Sample Point	
Sample Depth mMD	3054
Fluid Type	ULTIDRILL
Fluid Density (g/cm3)	1.51
Funnel Visc (s)	102
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)	42
Yield point (Pa)	13
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	3054		1.03	estimated