

Summary report

Wellbore: 15/9-19 A

Period: 1997-09-02 00:00 - 1997-09-03 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	41
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):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
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:	4131
Depth mTVD:	3319
Plug Back Depth mMD:	4019
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)

SEAL ASSEMBLY FAILED TO TEST. ATTEMPTED TO RESET W/O SUCCESS. PULLED SEAL ASSEMBLY. CLEANED SEALING AREA IN WELLHEAD WITH MILL/FLUSH TOOL. SET AND TESTED NEW SEAL ASSEMBLY. TESTED BOP. P/U 3 1/2" DP.

Summary of planned activities (24 Hours)

P/U AND RIH WITH 3 1/2" DP TO 2500M. P/U EMERGENCY HANGOFF TOOL AND CONTINUE RIH. LAND HANGOFF TOOL AND DISENGAGE RUNNING STRING. TEST 7" CASING AND BLIND RAMS. SECURE WELL AND RIG FOR OFS INDUSTRIAL ACTION.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	4044	drilling -- casin g	ok	PUMPED 15 M3 HALLIBURTON SPACER 50OE+. GAINED 2 M3 (13 M3 LOST). DROPPED BALL AND SHEARED OUT BOTTOM PLUG WITH 100 BAR.
01:00	02:00	4044	drilling -- casin g	ok	BATCHED UP AND MIXED AND PUMPED 10.1 M3 1.80 SG CEMENT. DROPPED DART AND SHEARED TOP PLUG WITH 230 BAR.
02:00	04:30	4044	drilling -- casin g	ok	DISPLACED CEMENT. PUMP RATE 475 LPM, 10% MUD RETURNS. LOST 68 M3 MUD WHILE DISPLACING CEMENT. CIRCULATING PRESSURE FROM TIME BOTTOM PLUG HIT FLOAT COLLAR (CEMENT BEHIND BOTTOM PLUG) UNTIL TOP PLUG BUMPED ROSE 13 BAR (12 BAR CALCULATED). BUMPED PLUG WITH 70 BAR OVER FCP TO 132 BAR. FLOATS HELD OK.
04:30	06:00	4044	drilling -- casin g	ok	SET SEAL ASSEMBLY. PRESSURE TEST FAILED - RETURNS COMING UP DRILL STRING. BEGIN POOH.
06:00	06:30	0	interruption -- r epair	fail	TEST OF SEAL ASSEMBLY FAILED. POOH WITH ST CASING HANGER RUNNING TOOL.
06:30	07:00	0	interruption -- r epair	fail	FOUND SEALS ON ST TOOLS TO BE WASHED OUT. ATTEMPTED TO TEST SEAL ASSEMBLY AGAINST BLIND RAMS WITHOUT SUCCESS.
07:00	10:30	0	interruption -- r epair	fail	M/U SEAL ASSEMBLY RUNNING TOOL AND RIH. RE-TORQUED SEAL ASSEMBLY AND ATTEMPTED TO PRESSURE TEST WITHOUT SUCCESS.
10:30	12:00	0	interruption -- r epair	fail	M/U SL TOOL. RIH AND RETRIEVED SEAL ASSEMBLY.
12:00	14:30	0	interruption -- r epair	ok	M/U MILL/FLUSH TOOL AND RIH. MILLED AND FLUSHED SEAL AREA AT TOP OF CASING HANGER - WELLHEAD. PUMPED 5 M3 H2O AND BOOSTED RISER. POOH.
14:30	17:00	0	interruption -- r epair	fail	M/U SEAL ASSEMBLY RUNNING TOOL WITH ELASTOMER TYPE SEAL ASSEMBLY AND RIH. SET SEAL ASSEMBLY AND TESTED TO 345 BAR OK. POOH.
17:00	21:30	0	drilling -- bop a ctivities	ok	M/U SL TOOL AND 7" WEAR BUSHING AND RIH. SET WEAR BUSHING IN WELLHEAD AND TESTED BOP TO 35/345 BAR ON YELLOW POD FROM MAIN PANEL. FUNCTION TESTED ON BLUE POD FROM TOOLPUSHERS MINIPANEL. FUNCTION TESTED ACOUSTIC CONTROLS FROM CELLAR DECK. POOH.
21:30	22:30	0	interruption -- r epair	fail	FOUND WEAR BUSHING NOT RELEASED FROM SL TOOL. RIH AND RE-SET WEAR BUSHING. POOH.
22:30	23:00	0	drilling -- casin g	ok	R/D CEMENTING HEAD AND L/D SAME.
23:00	23:30	0	drilling -- bop/ wellhead equip ment	ok	CHANGED XO SUB ON BOTTOM OF EMERGENCY HANGOFF TOOL FOR 3 1/2" DRILL PIPE.
23:30	00:00	24	drilling -- trip	ok	R/U TO RUN 3 1/2" DRILL PIPE. START RIH WITH SAME.

Drilling Fluid

Sample Time	23:58
Sample Point	Active pit
Sample Depth mMD	4131
Fluid Type	ULTIDRILL
Fluid Density (g/cm3)	1.55
Funnel Visc (s)	65
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)	45
Yield point (Pa)	11
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	