

Summary report

Wellbore: 15/9-19 B

Period: 1997-11-30 00:00 - 1997-12-01 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	22
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 (I):	
Pressure (I):	
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 (I):	

Depth at Kick Off mMD:	2911
Depth at Kick Off mTVD:	
Depth mMd:	3272
Depth mTVD:	2511
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)

CONTINUED RIH WITH CLEANOUT ASSEMBLY. WASHED AND REAMED TO TOP OF FISH. EXCESSIVE CUTTINGS - RAISED MUD WEIGHT FROM 1.49 SG TO 1.52 SG. SLIGHT LOSSES. POOH TO P/U CEMENT STINGER FOR SIDETRACK PLUG.

Summary of planned activities (24 Hours)

RIH WITH CEMENT STINGER. SET BALANCED CEMENT PLUG FOR SIDETRACK. POOH. P/U STEERABLE DRILLING ASSEMBLY AND RIH.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	1171	interrupti on – fish	fail	M/U CLEANOUT ASSEMBLY AND RIH. HOLE FILLING OK. TOTAL MUD LOST FOR THE DAY - 1.75 M3
06:00	10:30	2835	interrupti on – fish	fail	CONTINUED RIH TO 2100M. CONDITIONED MUD AT 1800 LPM - FULL RETURNS. RIH TO 2600M. FILLED PIPE AND BROKE CIRCULATION. RIH TO 2835M. TOOK WEIGHT.
10:30	12:30	2935	interrupti on – fish	fail	COULD NOT WORK PIPE DOWN PAST 2835M. BROKE CIRCULATION AND WASHED AND REAMED FROM 2835M TO 2935M. 1800 LPM, FULL RETURNS. EXCESSIVE CUTTINGS AT SHAKERS.
12:30	14:30	2935	interrupti on – fish	fail	CIRCULATED BOTTOMS UP WHILE MOVING PIPE. PUMPING 1800 LPM WITH FULL RETURNS. EXCESSIVE AMOUNTS OF CUTTINGS AT SHAKERS. MAX ECD 1.65 SG. CONTINUED CIRCULATING AT 1800 LPM UNTIL ECD REDUCED TO 1.61 SG. CIRCULATED TOTAL OF 2 X BOTTOMS UP - STILL EXCESSIVE FRESH CUTTINGS.
14:30	19:00	3161	interrupti on – fish	fail	WASHED DOWN FROM 2935M TO TOP OF FISH AT 3161M. HIGH TORQUE IN PLACES, OTHERWISE MET LITTLE RESISTENCE. MEANWHILE RAISED MUD WEIGHT FROM 1.49 SG TO 1.52 SG. CUTTINGS/CAVINGS DECREASED. ECD INCREASED FROM 1.61 SG TO 1.64 SG. SLIGHT LOSSES - APPROX. 2 M3/HR WHILE CIRCULATING AT 1800 LPM.
19:00	20:00	3161	interrupti on – fish	fail	CIRCULATED BOTTOMS UP. AT 1800 LPM SOME LOSS DETECTED - 3-6 M3/HR. ECD 1.62 - 1.64 SG. NO EXCESS CUTTINGS AT BOTTOMS UP.
20:00	23:00	2967	interrupti on – fish	fail	FLOWCHECKED - SLIGHT GAIN, RATE OF GAIN FALLING. BEGAN POOH. NORMAL DRAG TO 3087M. TIGHT HOLE 3087M TO 3025M REQUIRED AS MUCH AS 50 TONS OVERPU LL. TIGHT AT 3006M AND 2996M TO 2986M WHERE DRAG RETURNED TO NORMAL. HOLE DID NOT TAKE CORRECT FILL. CONT. POOH TO 2967M. BROKE CIRCULATION WITH 900 LPM, FULL RETURNS. PUMPED SLUG.
23:00	00:00	2316	interrupti on – fish	fail	CONTINUED POOH. NORMAL DRAG, HOLE FILL CORRECT.

Drilling Fluid

Sample Time	17:52	21:00
Sample Point		
Sample Depth mMD	3272	3272
Fluid Type	ULTIDRILL	ULTIDRILL
Fluid Density (g/cm3)	1.52	1.52
Funnel Visc (s)	79	73
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)	11.5	10.5
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	3272		1.03	estimated