Summary report

Wellbore: 15/9-19 ST2 **Period: 1993-01-25 00:00 - 1993-01-26 00:00**

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	87
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	TREASURE PROSPECT
Drilling contractor:	UNKNOWN
Spud Date:	1992-09-15 01:00
Wellbore type:	
Elevation RKB-MSL (m):	22
Water depth MSL (m):	84
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	1993-01-28

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	
Formation strength (g/cm3):	1.73
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3580
Depth mTVD:	2405
Plug Back Depth mMD:	
Depth at formation strength mMD:	1482
Depth At Formation Strength mTVD:	1270
Depth At Last Casing mMD:	3569.3
Depth At Last Casing mTVD:	2399

Summary of activities (24 Hours)

*ATTEMPTED CIRCULATION BEHIND CASING, NEG.
*WOW
*DAMAGED SEAL ASSEMBLY ON WAY IN. POOH W/SAME.
*SQUEEZED CASING SHOE
*PUMPED HEAVY HI-VIS PILL
*POOH. DELAY DUE TO DAMAGED UPPER RACKING ARM.

Summary of planned activities (24 Hours)

*CONT. POOH
*RUN CEMENT CLEAN-OUT TOOL, SET/TEST SEAL ASSEMBLY, RUN WEAR BUSHING
*PERFORATE CASING AT 3260M. POOH, CLOSE SHEAR RAM AND VERIFY
INJECTIVITY
*RUN BAKER CEMENT RETAINER. SET AT 3245M, TEST TO 70 BAR. SQUEEZE.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	3525	drilling -- casing	ok	PRESSURE TESTED CEMENT RETAINER AGAINST UAP TO 70 BAR/10 MINS, OK. RELEASED RUNNING TOOL AND STINGED OUT OF RETAINER. BROKE CIRCULATION AT 25-30 BAR WITH CEMENT UNIT.
01:30	03:00	0	drilling -- bop/ wellhead equipment	ok	POOH WITH 5 STANDS. M/U PULLING TOOL. RIH AND RETRIEVED WEAR BUSHING. L/D SAME.
03:00	05:30	0	drilling -- casing	ok	RAN IN TO RETRIEVE SEAL ASSEMBLY. LATCHED INTO SAME. CLOSED UAP AND PULLED SEAL ASSEMBLY FREE. NO OVERPULL. NO GAS OR PRESSURE BELOW SEAL ASSEMBLY. CIRCULATED THROUGH BOP. OPENED UAP AND PULLED OOH WITH SEAL ASSEMBLY. L/D SEAL ASSEMBLY AND PULLING TOOL.
05:30	06:00	3522	drilling -- casing	ok	RAN IN TO 3522M. HOOKED UP CEMENT HOSE AND LINED UP TO ESTABLISH CIRCULATION BEHIND CASING.
06:00	10:00	0	drilling -- casing	ok	M/U CIRC. SUB AND CEMENT HOSE. PRESSURE TESTED SURFACE LINES TO 250 BAR/5 MINS. BROKE CIRCULATION. STINGED INTO RETAINER AND SAT DOWN 10 TONS ON SAME. ATTEMPTED TO ESTABLISH CIRCULATION BEHIND CASING, NEGATIVE.
10:00	12:30	3372	drilling -- casing	ok	DISCONNECTED CEMENT HOSE. PULLED BACK TO 3372M. PREPARED FOR RUNNING SEAL ASSEMBLY.
12:30	14:30	3372	interruption -- waiting on weather	ok	WAITED ON WEATHER.
14:30	16:00	35	interruption -- repair	ok	ATTEMPTED TO RUN IN WITH SEAL ASSEMBLY. HUNG UP AT 35M. POOH. FOUND SEALS DAMAGED. L/D SEAL ASSEMBLY AND RUNNING TOOL.
16:00	20:30	3535	drilling -- casing	ok	RAN IN TO 3530M. HOOKED UP CEMENT HOSE AND PRESSURE TESTED SURFACE LINES TO 345 BAR/5 MINS. PUMPED 1,0 M3 MIXING WATER AS SPACER. MIXED AND PUMPED 4,0 M3 1,9 SG CEMENT. PUMPED 0,5 M3 SPACER. DISPLACED SAME WITH 24,0 M3 MUD AT 600 LPM. STINGED INTO RETAINER. SQUEEZED CEMENT INTO FORMATION BY PUMPING 6,0 M3 MUD AT 400 LPM/160 BAR.
20:30	20:31	3535	drilling -- casing	ok	STINGED OUT OF RETAINER. PUMPED 0,5 M3 MUD. PULLED BACK TO 3452M.
20:31	21:30	3452	drilling -- casing	ok	CIRCULATED ANY EXCESS CEMENT BEYOND 3000M. PUMPED 8,0 M3 2,0 SG HI-VIS PILL. DISPLACED SAME WITH 29,0 M3 MUD.
21:30	22:00	3270	drilling -- casing	ok	PULLED BACK TO 3270M.
22:00	23:00	3270	drilling -- casing	ok	CIRCULATED OUT ANY EXCESS PILL.
23:00	23:30	2985	drilling -- casing	ok	SLUGGED PIPE. POOH TO 2985M.
23:30	00:00	2985	interruption -- maintain	fail	DRIVE GEAR FOR JAW ON UPPER RACKING ARM WORN OUT. ATTEMPTED REPAIR, NEGATIVE.

Drilling Fluid

Sample Time	03:00	22:30
Sample Point	Flowline	Flowline
Sample Depth mMD	3580	3580
Fluid Type	PETROFREE	PETROFREE
Fluid Density (g/cm3)	1.55	1.55
Funnel Visc (s)	240	200
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)	72	81
Yield point (Pa)	13	16
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	2720		1.23	estimated
00:00	3580		1.03	estimated