Summary report

Wellbore: 15/9-19 ST2 **Period: 1993-04-23 00:00 - 1993-04-24 00:00**

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	159
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 ():	
Pressure Test Type:	
Formation strength ():	
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	4641
Depth mTVD:	3129.7
Plug Back Depth mMD:	4607
Depth at formation strength mMD:	
Depth At Formation Strength mTVD:	
Depth At Last Casing mMD:	4640
Depth At Last Casing mTVD:	

Summary of activities (24 Hours)

*FINISHED DISPLACING ANNULUS TO 1,38 S.G. MUD.
*RELEASED PACKER.
*CIRCULATED AND CONDITIONED MUD.
*RIGGED DOWN FLOW TREE AND SURFACE EQUIPMENT.
*POOH WITH TEST STRING FROM 4312M TO 3813M.

Summary of planned activities (24 Hours)

*FINISH POOH AND LAY DOWN DST STRING.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	0	formation evaluation -- drill stem test	ok	PUMPED 18,6 M3 1,15 SG NACL BRINE DOWN TEST STRING WITH CEMENT UNIT AT 600 LPM TO REFILL STRING, PRESSURED UP TO 110 BAR TO EQUALIZE ACROSS LPR-N VALVE.
00:30	02:30	0	formation evaluation -- drill stem test	ok	OPENED LPR-N VALVE. BULLHEADED GAS/OIL BACK INTO FORMATION BY PUMPING 19,5 M3 1,15 SG NACL BRINE: FIRST 11 M3 AT MAX 90 BAR/1000 LPM, THEN PRESSURE INCREASED FROM 90 BAR TO 290 BAR/815 LPM WHILE PUMPING THE LAST 8,5 M3. TOTAL PUMPED 38,1 M3 BRINE. KILLED WELL BY PUMPING 4,0 M3 HI-VIS 1,38 SG MUD AT 630 LPM, PRESSURE INCR. FROM 150 TO 176 BAR,
02:30	02:31	0	formation evaluation -- drill stem test	ok	FOLLOWED BY 27,2 M3 1,38 SG MUD AT TYPICAL 650 LPM/180-200 BAR. MUD HIT PERFORATIONS AFTER HAVING PUMPED 26,7 M3. SLOWED DOWN TO 400 LPM THE LAST 4 M3. PUMPING PRESSURE INCREASED FROM 190 TO 240 BAR THE LAST 0,5 M3. BLED OFF PRESSURE ON CEMENT UNIT.
02:31	03:00	0	formation evaluation -- drill stem test	ok	FLOW CHECKED WELL 30 MINS.
03:00	04:00	0	formation evaluation -- rig up/down	ok	CLOSED LPR-N VALVE AND LUBRICATOR VALVE. OPENED FLOW HEAD WING VALVE AND CHOKE MANIFOLD. FLUSHED SURFACE LINES TO BURNER ON STARBOARD SIDE. CLOSED FLOW HEAD WING VALVE. OPENED LUBRICATOR VALVE.
04:00	04:30	0	formation evaluation -- drill stem test	ok	CYCLED OMNI FROM WELL TEST POSITION TO CIRCULATING POSITION 11 1/2. RECORDED 47 BAR U-TUBE PRESSURE.
04:30	06:00	0	formation evaluation -- drill stem test	ok	DISPLACED ANNULUS TO 1,38 SG MUD BY CIRCULATING THROUGH OMNI VALVE AND HOLDING BACK PRESSURE ON CHOKE DUE TO U-TUBING. MAX RATE 1000 LPM.
06:00	12:30	0	formation evaluation -- drill stem test	ok	CONTINUED DISPLACING ANNULUS TO 1,38 S.G. MUD BY CIRCULATING THROUGH OMNI VALVE. CIRCULATED UNTIL GAS READINGS WERE LESS THAN 1%. MAX GAS 6 %, MAX RATE 1000 LPM.
12:30	13:00	0	formation evaluation -- drill stem test	ok	DISPLACED RISER TO 1,38 S.G. MUD THROUGH KILL LINE.
13:00	13:30	0	formation evaluation -- drill stem test	ok	OPENED MPR AND OBSERVED WELL FOR 10 MIN.
13:30	14:00	0	formation evaluation -- drill stem test	ok	CIRCULATED WELL, REGISTERED NO GAS. OBSERVED WELL FOR 10 MIN.
14:00	15:00	4312	formation evaluation -- drill stem test	ok	RELEASED RTTS PACKER AND FLOWCKECKED 30 MIN.
15:00	18:30	4312	formation evaluation -- drill stem test	ok	CLOSED MPR AND CIRCULATED WELL UNTIL GAS READINGS WERE UNDER 1%. MAX GAS 1,04%.
18:30	20:00	4312	formation evaluation -- drill stem test	ok	OPENED MPR, FLOWCHECKED 10 MIN. CONTINUED CIRCULATING UP RISER. FLOWCHECKED 30 MIN.
20:00	00:00	4312	formation evaluation -- drill stem test	ok	PUMPED SLUG. RIGGED DOWN CO-FLEX HOSES, LAID DOWN FLOW TREE, CHANGED BAILS AND ELEVATORS.

Drilling Fluid

Sample Time	23:30
Sample Point	Active pit
Sample Depth mMD	-999.99
Fluid Type	BENTONITE/FW
Fluid Density (g/cm3)	1.38
Funnel Visc (s)	49
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)	7
Yield point (Pa)	23
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	