

Summary report

Wellbore: 15/9-19 ST2

Period: 1993-03-07 00:00 - 1993-03-08 00:00

Status:	normal
Report creation time:	2018-05-03 13:53
Report number:	112
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):	27
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	
Formation strength (g/cm3):	1.71
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	4355
Depth mTVD:	2913
Plug Back Depth mMD:	
Depth at formation strength mMD:	3580
Depth At Formation Strength mTVD:	2394
Depth At Last Casing mMD:	3569.3
Depth At Last Casing mTVD:	2399

Summary of activities (24 Hours)

*CUT CORE NO.2 TO 4355M, POOH.

*L/D CORE. TOOK EXTRAORDINARY SAFETY PRECAUTIONS DUE TO H2S IN CORE.

*M/U BHA NO.25 FOR CUTTING CORE NO.3.

Summary of planned activities (24 Hours)

*RIH WITH BHA NO.25.

*CUT CORE NO.3 AND RECOVER SAME.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	4328	formation evaluation -- trip	ok	BROKE CIRCULATION. WASHED/REAMED TO 4328M.
01:00	02:30	4328	formation evaluation -- circulating conditioning	ok	CIRCULATED BOTTOMS UP.
02:30	03:00	4328	formation evaluation -- trip	ok	DROPPED BALL, DISPLACED AND SEATED SAME.
03:00	06:00	4338	formation evaluation -- core	ok	CUT CORE NO.2 FROM 4328M TO 4338M.
06:00	10:30	4355	formation evaluation -- core	ok	CONTINUED CUTTING CORE NO.2 FROM 4338M TO 4355M.
10:30	11:00	4355	formation evaluation -- circulating conditioning	ok	CIRCULATED 10 MINS. FLOW CHECKED 15 MINS, NEGATIVE. PUMPED SLUG.
11:00	17:00	29	formation evaluation -- trip	ok	POOH TO 9 5/8" CASING SHOE. FLOW CHECKED, NEGATIVE. CONTINUED POOH TO 29M, FLOW CHECKED AT 500M, NEGATIVE.
17:00	19:00	29	formation evaluation -- log	ok	PREPARED FOR RECOVERING CORE. RECORDED 650 PPM H2S GAS FROM TOP OF COREBARREL. SOUNDED GENERAL ALARM AND ORDERED ALL ESSENTIAL PERSONNEL TO PORT BOX GIRDER FORWARD. EQUIPPED DRILL-FLOOR PERSONNEL WITH BREATHING APPARATUS. CLOSED SHEAR RAM TO MONITOR WELL ON CH OKE. CARRIED OUT H2S MEASUREMENTS ON RIG FLOOR.
19:00	19:30	0	formation evaluation -- log	ok	HELD SAFETY/PRE-OPERATION MEETING WITH INVOLVED PERSONNEL.
19:30	20:30	0	formation evaluation -- rig up /down	ok	INSTALLED LIFT SUB. PULLED OUT INNER BARREL, KEPT SAME HANGING IN TUGGER LINE FOR VENTING OUT H2S.
20:30	22:00	0	formation evaluation -- rig up /down	ok	RAN BACK IN WITH INNER BARREL. DRILLED 6MM DIAMETER VENT HOLES EACH METER. MEASURED H2S LEVELS WHILE DRILLING. PULLED INNER BARREL OUT AFTER DRILLING VENT HOLES.
22:00	23:30	0	formation evaluation -- log	ok	KEPT INNER BARREL HANGING IN TUGGER LINE FOR VENTING WHILE MEASURING H2S-LEVELS. ALLOWED PERSONNEL TO GO BACK INDOOR.
23:30	00:00	0	formation evaluation -- log	ok	HELD SAFETY MEETING WITH INVOLVED PERSONNEL PRIOR TO L/D CORE BARRELS.

Drilling Fluid

Sample Time	06:00	10:00
Sample Point	Flowline	Flowline
Sample Depth mMD	4328	4354
Fluid Type	PETROFREE	PETROFREE
Fluid Density (g/cm3)	1.4	1.4
Funnel Visc (s)	88	115
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)	39	35
Yield point (Pa)	12	9.5
Filtration tests		
Pm filtrate ()		
Filtrate Lt_{hp} ()		
Filtrate H_{thp} ()		
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	4107		1.3	estimated
00:00	4355		1.1	estimated

Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top mTVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas 0	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	drilling gas peak	4332.8		2896.5		.52		2509	614	193	-999.99	-999.99