

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 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	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 ( )	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