

Summary report

Wellbore: 15/9-19 ST2

Period: 1993-01-16 00:00 - 1993-01-17 00:00

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|--------------------------|-------------------|
| | |
| Status: | normal |
| Report creation time: | 2018-05-03 13:53 |
| Report number: | 78 |
| 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 |

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| | |
| 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 (°): | |

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|-----------------------------------|--------|
| | |
| Depth at Kick Off mMD: | |
| Depth at Kick Off mTVD: | |
| Depth mMd: | 3580 |
| Depth mTVD: | 2505.8 |
| Plug Back Depth mMD: | |
| Depth at formation strength mMD: | 1482 |
| Depth At Formation Strength mTVD: | 1270 |
| Depth At Last Casing mMD: | 1481.7 |
| Depth At Last Casing mTVD: | |

Summary of activities (24 Hours)

-CIRCULATED AND REDUCED MW FROM 1,60 TO 1,55 SG
-PUMPED 30 M3 TREATED MUD AND 44 M3 BENTONITE MUD
-PUMPED SPACER AND MIXED AND PUMPED 32 M3 CMT SLURRY
-DISPLACED CMT WITH MUD, PRESS INCREASED AFTER 90,4 M3
-CHECKED OUT SURFACE EQUIP, PRESS UP CSG TO 300 BAR
-R/D SURFACE EQUIP
-BACKED OUT RUNNING TOOL, POOH AND L/D SEAL ASSY
-RIH W/JET SUB AND WASHED WH,INSTALLED WB
-M/U 8 1/2" BHA TO DRILL CMT

Summary of planned activities (24 Hours)

DRILL CMT IN 9 5/8" CASING
CMT CASING
SET SEAL ASSY
TEST BOP

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|---------------------|-------|---|
| 00:00 | 06:00 | 3569 | drilling -- casing | ok | CONT CIRCULATION TO REDUCE MW FROM 1,60 TO 1,55 SG. TREATED MUD. PUMPED 810-1437 LPM WITH 34-45 BAR |
| 06:00 | 13:30 | 3569 | drilling -- casing | ok | CONT CIRCULATION TO REDUCE MW FROM 1,60 TO 1,55 SG. TREATED MUD. PUMPED 1440 LPM WITH +- 40 BAR |
| 13:30 | 15:00 | 3569 | drilling -- casing | ok | PUMPED 30 M3 1,55 SG OMC-2 TREATED PETROFREE MUD FOLLOWED BY 44 M3 1,55 SG BENTONITE MUD |
| 15:00 | 17:30 | 3569 | drilling -- casing | ok | PUMPED 11,5 M3 1,70 SG SPACER. DROPPED BALL FOR BOTTOM PLUG. MIXED AND PUMPED 32 M3 1,94 SG CEMENT SLURRY. DROPPED DART AND DISPLACED CEMENT WITH 1,3 M3 MIX WATER AND 2,0 M3 1,55 SG PETROFREE MUD. |
| 17:30 | 19:00 | 3569 | drilling -- casing | fail | DISPLACED CEMENT WITH 1,55 SG PETROFREE MUD PUMPING WITH RIG PUMPS. PRESS BUILD UP TO 190 BAR AFTER 89,9 M3 PUMPED. CALCULATED VOLUME 1 26,2 M3 TO BUMP PLUG. |
| 19:00 | 22:00 | 3569 | drilling -- casing | ok | CHECKED OUT SURFACE EQUIPMENT. BLEED OFF PRESS TO 20 BAR, RECIEVED 1200 LTR BACK. CHECKED OUT AND FOUND ALL CEMENT TO BE LEFT IN CASING . PRESS UP CSG TO 300 BAR ATTEMPTING TO OPEN UP CASING - NEG. BLEED OFF PRESSURE. |
| 22:00 | 00:00 | 0 | drilling -- casing | ok | R/D SURFACE EQUIP, BACKED OUT FMC SINGLE TRIP RUNNING TOOL FROM HANGER POOH AND L/D SEAL ASSY |

Drilling Fluid

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|-------------------------|------------|
| Sample Time | 23:30 |
| Sample Point | Active pit |
| Sample Depth mMD | -999.99 |
| Fluid Type | PETROFREE |
| Fluid Density (g/cm3) | 1.56 |
| Funnel Visc (s) | 145 |
| 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 | |

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|-----------------------|----|
| Plastic visc. (mPa.s) | 48 |
| Yield point (Pa) | 9 |
| 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 |