

Summary report

Wellbore: 15/9-19 BT2

Period: 1997-12-26 00:00 - 1997-12-27 00:00

|                          |                  |
|--------------------------|------------------|
| Status:                  | normal           |
| Report creation time:    | 2018-05-03 13:53 |
| Report number:           | 22               |
| Days Ahead/Behind (+/-): |                  |
| Operator:                | Statoil          |
| Rig Name:                | BYFORD DOLPHIN   |
| Drilling contractor:     |                  |
| Spud Date:               | 1997-12-05 00:00 |
| Wellbore type:           |                  |
| Elevation RKB-MSL (m):   | 25               |
| Water depth MSL (m):     | 85               |
| Tight well:              | Y                |
| HPHT:                    | Y                |
| Temperature (I):         |                  |
| Pressure (I):            |                  |
| Date Well Complete:      |                  |

|                         |         |
|-------------------------|---------|
| Dist Drilled (m):       | 34      |
| Penetration rate (m/h): | -999.99 |
| Hole Dia (in):          | 6       |
| Pressure Test Type:     |         |
| Formation strength (I): |         |
| Dia Last Casing (I):    |         |

|                                   |        |
|-----------------------------------|--------|
| Depth at Kick Off mMD:            | 2911   |
| Depth at Kick Off mTVD:           |        |
| Depth mMd:                        | 3690   |
| Depth mTVD:                       | 2835.8 |
| Plug Back Depth mMD:              |        |
| Depth at formation strength mMD:  |        |
| Depth At Formation Strength mTVD: |        |
| Depth At Last Casing mMD:         | 4643   |
| Depth At Last Casing mTVD:        |        |

Summary of activities (24 Hours)

RIH TO BTM. PRECATIONARY WASHED FOR JUNK AT BTM, DRILLED FROM 3656M TO 3690M. NO MWD SIGNALS, POOH TO INVESTIGATE MWD FAILURE.

Summary of planned activities (24 Hours)

INVESTIGATE MWD FAILURE AND RIH. DRILL FOR CORE POINT.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity    | State | Remark                                                                                                                                                |
|------------|----------|---------------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 00:00      | 04:00    | 25            | drilling -- trip       | ok    | CONTINUED POOH TO SURFACE.                                                                                                                            |
| 04:00      | 05:00    | 25            | drilling -- other      | ok    | RECOVERED MWD MEMORY.                                                                                                                                 |
| 05:00      | 06:00    | 0             | drilling -- trip       | ok    | LAID DOWN BIT AND FOUND TIP OF CONE NO 3 MISSING. SET NAVIDRILL TO 0,8 DEGR TILT AND CHECK SCRIBE LINE.                                               |
| 06:00      | 14:00    | 3571          | drilling -- trip       | ok    | CONTINUED M/UP BHA AND RIH TO 3571M. FILLED STRING EVERY 20 STAND.                                                                                    |
| 14:00      | 16:00    | 3656          | drilling -- trip       | ok    | PRECAUTIONARY WASH AND ROTATE FROM 3571M TO 3656. WASHED ONTO BTM SEVERAL TIMES PRIOR TO DRILLING.                                                    |
| 16:00      | 22:00    | 3690          | drilling -- drill      | ok    | DRILLED IN ROTATION MODE FROM 3656M TO 3690M. WASHED TO BTM AFTER CONNECTIONS. NOT ABLE TO DECODE MWD SIGNALS. SIGNALS MISSING OR TO WEAK AT SURFACE. |
| 22:00      | 23:00    | 3570          | interruption -- repair | fail  | REAMED SECTION FROM 3690M TO 3570M 3 TIMES.                                                                                                           |
| 23:00      | 00:00    | 3350          | interruption -- repair | fail  | PUMPED SLUG AND POOH TO 3350M. HOLE IN GOOD CONDITION.                                                                                                |

Drilling Fluid

|                         |            |            |
|-------------------------|------------|------------|
| Sample Time             | 00:00      | 06:00      |
| Sample Point            | Active pit | Active pit |
| Sample Depth mMD        | 3656.6     | 3656.6     |
| Fluid Type              | ULTIDRILL  | ULTIDRILL  |
| Fluid Density (g/cm3)   | 1.4        | 1.4        |
| Funnel Visc (s)         | 71         | 71         |
| 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)   | 26         | 26         |
| Yield point (Pa)        | 11         | 11         |
| 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 | 3690      |           | 1.26                   | estimated |

Lithology Information

| Start Depth mMD | End Depth mMD | Start Depth TVD | End Depth TVD | Shows Description | Lithology Description                   |
|-----------------|---------------|-----------------|---------------|-------------------|-----------------------------------------|
| 3650            | -999.99       |                 |               |                   | LIMESTONE WITH MINOR MARL AND CLAYSTONE |
| 3680            | -999.99       |                 |               |                   | CLAYSTONE WITH LIMESTONE/MARL INTERBEDS |

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 | 3656             |                    | 2835.8            |                     | 16.7            |               | 147395   | 3333     | 1323     | 155       | 12        |
| 00:00 | drilling gas peak | 3658             |                    | 2837              |                     | 3               |               | 23476    | 1303     | 296      | 32        | -999.99   |
| 00:00 | drilling gas peak | 3663             |                    | 2841.2            |                     | 2.7             |               | 22899    | 1407     | 33       | 3         | -999.99   |