

Summary report

Wellbore: 15/9-19 ST2

Period: 1993-01-02 00:00 - 1993-01-03 00:00

|                          |                   |
|--------------------------|-------------------|
| Status:                  | normal            |
| Report creation time:    | 2018-05-03 13:53  |
| Report number:           | 64                |
| 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):           | 85      |
| Penetration rate (m/h):     | -999.99 |
| Hole Dia (in):              | 12.25   |
| Pressure Test Type:         |         |
| Formation strength (g/cm3): | 1.73    |
| Dia Last Casing ():         |         |

|                                   |        |
|-----------------------------------|--------|
| Depth at Kick Off mMD:            |        |
| Depth at Kick Off mTVD:           |        |
| Depth mMd:                        | 3137   |
| Depth mTVD:                       | 2135.3 |
| 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)

-CONTINUED RIH FROM 2207M TO 3050M.  
-DRILLED 12 1/4" HOLE FROM 3050M TO 3137M. HAD PROBLEMS WITH READINGS FROM MWD.  
-POOH TO 2990M.  
-CIRC HOLE CLEAN.  
-POOH TO 2738M.

Summary of planned activities (24 Hours)

-POOH TO 2500M.  
-RIH TO TD.  
-DRILL/STEAR 12 1/4" HOLE TO TD.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity         | State | Remark  |
|------------|----------|---------------|-----------------------------|-------|---|
| 00:00      | 06:00    | 2207          | interruption -- sidetrack   | ok    | CONTINUED RIH FROM 37M TO 2207M. BROKE CIRCULATION EVERY 500M.  |
| 06:00      | 07:30    | 2956          | interruption -- sidetrack   | ok    | CONTINUED RIH FROM 2207M TO 2956M.  |
| 07:30      | 08:30    | 3050          | interruption -- sidetrack   | ok    | REAMED DOWN FROM 2956M TO 3050M.  |
| 08:30      | 13:00    | 3082          | interruption -- sidetrack   | ok    | DRILLED 12 1/4" HOLE FROM 3050M TO 3082M. FLOW CHECKED DRILLING BRAKE AT 3063M - NEG.   |
| 13:00      | 15:00    | 3099          | interruption -- sidetrack   | ok    | DRILLED/STEARED 12 1/4" HOLE FROM 3082M TO 3099M. HAD PROBLEMS RECIEVING TOOL PHASE READINGS, AND STALLING OF BIT. PROBLEM TIME 70 MIN.                   |
| 15:00      | 16:00    | 3099          | formation evaluation -- log | ok    | REAMED ONE STAND FOR GAMMA RAY LOG. USED 20 MIN TO OBTAIN SURVEY AT 3084M. TO IDENTIFY BOTTOM SAND.   |
| 16:00      | 20:00    | 3137          | interruption -- sidetrack   | ok    | DRILLED/STEARED 12 1/4" HOLE FROM 3099M TO 3137M. LOST 20 MIN TRYING TO ESTABLISH TOOL PHASE.   |
| 20:00      | 21:30    | 3137          | interruption -- repair      | fail  | UNABLE TO OBTAIN TOOL PHASE FOR STEERING. MUD PUMP NO 1 DOWN. TO MUCH NOISE IN SYSTEM TO OBTAIN READABLE SIGNAL FROM MWD.                                 |
| 21:30      | 00:00    | 3137          | interruption -- sidetrack   | ok    | PULLED UP TO 2990M TO CIRCULATE BOTTOMS UP. WORKED PAST SPOT AT 3050M. STARTED CIRCULATING HOLE CLEAN. 0.5KG INCREASING TO 1 1KG CUTTINGS PER 15 SECONDS. |

Drilling Fluid

|                        |           |           |           |
|------------------------|-----------|-----------|-----------|
| Sample Time            | 14:00     | 16:30     | 22:30     |
| Sample Point           | Flowline  | Flowline  | Flowline  |
| Sample Depth mMD       | 3090      | 3120      | 3138      |
| Fluid Type             | PETROFREE | PETROFREE | PETROFREE |
| Fluid Density (g/cm3)  | 1.61      | 1.61      | 1.61      |
| Funnel Visc (s)        | 100       | 93        | 84        |
| 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)  | 46        | 46        | 52        |
| Yield point (Pa)       | 12.5      | 13        | 13        |

|                      |  |  |  |
|----------------------|--|--|--|
| 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 | 2920      |           | 1.2                    | estimated |
| 00:00 | 3137      |           | 1.04                   | estimated |

Survey Station

| Depth mMD | Depth mTVD | Inclination (dega) | Azimuth (dega) | Comment |
|-----------|------------|--------------------|----------------|---------|
| 3058.2    | 2091.1     | 57.3               | 285            |         |
| 3084.4    | 2105.6     | 55.6               | 286.2          |         |
| 3105.5    | 2117.5     | 55.6               | 285.3          |         |

Lithology Information

| Start Depth mMD | End Depth mMD | Start Depth mTVD | End Depth mTVD | Shows Description | Lithology Description      |
|-----------------|---------------|------------------|----------------|-------------------|----------------------------|
| 3052            | 3083          | 2087.3           | 2104.8         |                   | SANDSTONE, MINOR CLAYSTONE |
| 3083            | 3137          | 2104.8           | 2135.3         |                   | CLAYSTONE                  |

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 | trip gas | 3052             |                    | 2087.3            |                     | .31             |                | -999.99  | -999.99  | -999.99  | -999.99   | -999.99   |