

Summary report

Wellbore: 15/9-19 S

Period: 1992-12-03 00:00 - 1992-12-04 00:00

| | |
|--------------------------|-------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:53 |
| Report number: | 34 |
| Days Ahead/Behind (+/-): | |
| Operator: | Statoil |
| Rig Name: | TREASURE PROSPECT |
| Drilling contractor: | UNKNOWN |
| Spud Date: | 1992-09-18 00:00 |
| Wellbore type: | |
| Elevation RKB-MSL (m): | 22 |
| Water depth MSL (m): | 84 |
| Tight well: | Y |
| HPHT: | Y |
| Temperature (I): | |
| Pressure (I): | |
| Date Well Complete: | 1992-12-18 |

| | |
|-----------------------------|---------|
| Dist Drilled (m): | 61 |
| Penetration rate (m/h): | -999.99 |
| Hole Dia (in): | 12.25 |
| Pressure Test Type: | |
| Formation strength (g/cm3): | 1.73 |
| Dia Last Casing (I): | |

| | |
|-----------------------------------|--------|
| Depth at Kick Off mMD: | 562 |
| Depth at Kick Off mTVD: | |
| Depth mMd: | 2531 |
| Depth mTVD: | 1815 |
| 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: | 1268.5 |

Summary of activities (24 Hours)

-PUMPED OUT OF HOLE FROM 2100 M TO 1435 M.
-RIH TO 1483 M.
-REPAIRED TOP DRIVE.
-PICKED UP 66 JOINTS 5" DRILL PIPE WHILE RIH.
-CONTINUED RIH TO 2531 M, REAMED LAST STAND.
-DRILLED 12 1/4" HOLE FROM 2531 M TO 2632 M.

Summary of planned activities (24 Hours)

-DRILL 12 1/4" HOLE.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|---------------------------|-------|---|
| 00:00 | 03:00 | 2531 | drilling -- drill | ok | DRILLED 12 1/4" HOLE FROM 2470 M TO 2531 M. |
| 03:00 | 03:30 | 2531 | interruption -- m aintain | fail | CIRCULATED DUE TO OVERLOAD ON ELECTROMOTOR ON TOP DRIVE. |
| 03:30 | 06:00 | 1000 | interruption -- m aintain | fail | PUMPED OUT OF HOLE DUE TO PROBLEMS WITH ELECTRO MOTOR ON TOP DRIVE. |
| 06:00 | 13:00 | 1483 | interruption -- m aintain | fail | PUMPED OUT OF HOLE FROM 2100 M TO 1435 M. PACKED OFF AND CHARGED FORMATION AT 2094 M, 1830 M AND 1535 M. MAX GAS 2.2 %. RIH TO 1483 M. |
| 13:00 | 20:00 | 1483 | interruption -- m aintain | fail | REPLACED OIL PUMP ON TOP DRIVE, DUE TO STUCK UPPER BEARING. CIRCULATED/ROTATED PIPE WHILE REPAIRED TOP DRIVE. PUMPED TWO 10 M3 HI-V IS PILLS GIVING LARGE AMOUNTS OF CUTTINGS IN RETURNS. |
| 20:00 | 00:00 | 2215 | drilling -- trip | ok | TESTED MWD, PICKED UP 66 JOINTS 5" DRILL PIPE WHILE RIH FROM 1570 M TO 2215 M. |

Drilling Fluid

| | | | |
|-------------------------|--------------|--------------|--------------|
| Sample Time | 05:00 | 17:00 | 22:30 |
| Sample Point | Flowline | Flowline | Active pit |
| Sample Depth mMD | 2147 | 1480 | -999.99 |
| Fluid Type | KCL/PAC/PHPA | KCL/PAC/PHPA | KCL/PAC/PHPA |
| Fluid Density (g/cm3) | 1.31 | 1.4 | 1.4 |
| Funnel Visc (s) | 60 | 60 | 57 |
| 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) | 22 | 22 | 22 |
| Yield point (Pa) | 10 | 9 | 10 |
| Filtration tests | | | |
| Pm filtrate () | | | |
| Filtrate Lthp () | | | |
| Filtrate Hthp () | | | |
| Cake thickn API () | | | |
| Cake thickn HPHT () | | | |

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|-------------------|--|--|--|
| Test Temp HPHT () | | | |
| Comment | | | |

Pore Pressure

| Time | Depth mMD | Depth TVD | Equ Mud Weight (g/cm3) | Reading |
|-------|-----------|-----------|------------------------|-----------|
| 00:00 | 2632 | | 1.14 | estimated |

Survey Station

| Depth mMD | Depth mTVD | Inclination (dega) | Azimuth (dega) | Comment |
|-----------|------------|--------------------|----------------|---------|
| 2538 | 1819.2 | 58.9 | 284.3 | |
| 2566 | 1833.6 | 59 | 284.5 | |
| 2594 | 1848 | 58.9 | 284.1 | |

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 | 1535 | | 1296 | | 2.2 | | -999.99 | -999.99 | -999.99 | -999.99 | -999.99 |
| 00:00 | trip gas | 1829 | | 1446 | | 2.05 | | -999.99 | -999.99 | -999.99 | -999.99 | -999.99 |
| 00:00 | trip gas | 2094 | | 1588 | | 1.15 | | -999.99 | -999.99 | -999.99 | -999.99 | -999.99 |
| 00:00 | trip gas | 2531 | | 1815 | | 4.8 | | 45613 | 71 | 23 | -999.99 | -999.99 |