

Summary report

Wellbore: 15/9-19 S

Period: 1992-12-06 00:00 - 1992-12-07 00:00

| | |
|--------------------------|-------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:53 |
| Report number: | 37 |
| 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): | -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 (I): | |

| | |
|-----------------------------------|--------|
| Depth at Kick Off mMD: | 562 |
| Depth at Kick Off mTVD: | |
| Depth mMd: | 3017 |
| Depth mTVD: | 2073 |
| 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)

-BACKREAMED FROM 13 3/8" SHOE TO 800 M.
-CIRCULATED HOLE CLEAN.
-POOH,CHANGED BIT,MUD MOTOR AND JARS.
-RIH TO 1400 M.
-FUNCTION TESTED BOP AND ACOUSTIC SYSTEM.
-CONTINUED RIH TO 2876 M.
-REAMED FROM 2876 M TO 3017 M.
-DRILLED 12 1/4" HOLE FROM 3017 M TO 3026 M.
-REPAIRED MUDPUMP.
-DRILLED 12 1/4" HOLE FROM 3026 M TO 3078 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 | 01:00 | 1926 | drilling -- ream | ok | BACK REAMED FROM 1960 M TO 1926 M. |
| 01:00 | 02:00 | 1926 | interruption -- maintain | ok | CHANGED WASH PIPE ON TOP DRIVE. |
| 02:00 | 06:00 | 1926 | drilling -- ream | ok | BACK REAMED FROM 1926 M TO 1482 M. |
| 06:00 | 10:00 | 800 | drilling -- ream | ok | BACKREAMED FROM 13 3/8" SHOE AT 1482 M TO 800 M. |
| 10:00 | 10:30 | 800 | drilling -- circulating conditioning | ok | CIRCULATED HI VIS PILL AROUND.BOOSTED RISER. |
| 10:30 | 14:30 | 0 | drilling -- trip | ok | POOH. LAID DOWN BIT AND MUD MOTOR. |
| 14:30 | 20:00 | 1400 | drilling -- trip | ok | CHANGED OUT MUD MOTOR,MAKE UP BIT.REPLACED JARS.TESTED MUD MOTOR AND MWD. RIH TO 1400 M. |
| 20:00 | 20:30 | 0 | interruption -- repair | ok | FUNCTION TESTED BOP AND ACOUSTIC SYSTEM, OK. |
| 20:30 | 22:30 | 2876 | drilling -- trip | ok | CONTINUED RIH FROM 1400 M TO 2876 M. |
| 22:30 | 00:00 | 3017 | drilling -- ream | ok | REAMED FROM 2876 M TO 3017 M, DUE TO TIGHT HOLE. |

Drilling Fluid

| | | | |
|-------------------------|--------------|--------------|--------------|
| Sample Time | 03:00 | 13:00 | 22:00 |
| Sample Point | Flowline | Active pit | Active pit |
| Sample Depth mMD | 2970 | -999.99 | -999.99 |
| Fluid Type | KCL/PAC/PHPA | KCL/PAC/PHPA | KCL/PAC/PHPA |
| Fluid Density (g/cm3) | 1.4 | 1.4 | 1.4 |
| Funnel Visc (s) | 60 | 85 | 73 |
| 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) | 29 | 28 | 19 |
| Yield point (Pa) | 10 | 14 | 13.5 |
| 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 | 3040 | | 1.04 | estimated |

Survey Station

| Depth mMD | Depth mTVD | Inclination (dega) | Azimuth (dega) | Comment |
|-----------|------------|--------------------|----------------|---------|
| 2996.2 | 2061.4 | 57.8 | 282.5 | |
| 3026.6 | 2077.5 | 58.2 | 281.8 | |
| 3055.8 | 2092.9 | 57.8 | 283.4 | |

Lithology Information

| Start Depth mMD | End Depth mMD | Start Depth mTVD | End Depth mTVD | Shows Description | Lithology Description |
|-----------------|---------------|------------------|----------------|-------------------|-----------------------|
| 3017 | 3040 | 2072 | 2084.5 | | 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 | 3017 | | 2072 | | 1.55 | | 13940 | 25 | 10 | -999.99 | -999.99 |