

Summary report

Wellbore: 15/9-19 A

Period: 1997-10-20 00:00 - 1997-10-21 00:00

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|---------------------------------|------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:53 |
| Report number: | 89 |
| Days Ahead/Behind (+/-): | |
| Operator: | Statoil |
| Rig Name: | BYFORD DOLPHIN |
| Drilling contractor: | |
| Spud Date: | 1997-07-25 00:00 |
| Wellbore type: | |
| Elevation RKB-MSL (m): | 25 |
| Water depth MSL (m): | 84 |
| Tight well: | Y |
| HPHT: | Y |
| Temperature (): | |
| Pressure (): | |
| Date Well Complete: | 1997-08-30 |

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

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| Depth at Kick Off mMD: | 2178 |
| Depth at Kick Off mTVD: | |
| Depth mMD: | 4131 |
| Depth mTVD: | 3319 |
| Plug Back Depth mMD: | 4019 |
| 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)

CONTINUED DST OF WATER ZONE. RIH WITH BOTTOM HOLE SAMPLING TOOL ON WIRELINE - TOOL FAILED TO OPEN. POOH WITH WIRELINE. WAITED ON SWELL AND HEAVE TO SUBSIDE TO DISCONNECT WIRELINE LUBRICATOR AND CHANGE OUT SAMPLING TOOLS.

Summary of planned activities (24 Hours)

COLLECT BOTTOM HOLE SAMPLE. PERFORM MINI-FRAC. KILL WELL. POOH WITH DST STRING.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|--|-------|---|
| 00:00 | 00:30 | 3937 | formation evaluation -- drill ste m test | ok | TESTED FLOWLINE TO CHOKE MANIFOLD TO 345 BAR. |
| 00:30 | 01:00 | 3937 | formation evaluation -- drill ste m test | ok | SET PACKER AT 3937M. |
| 01:00 | 02:30 | 3937 | formation evaluation -- rig up/d own | ok | HELD PRE-TEST SAFETY MEETING. CHECKED SURFACE VALVES LINES UP CORRECTLY. TESTED ESD SYSTEM. |
| 02:30 | 06:00 | 3937 | formation evaluation -- drill ste m test | ok | OPENED TESTER VALVE AND INITIATED MAIN FLOW PERIOD OF WATER ZONE. |
| 06:00 | 08:00 | 3937 | formation evaluation -- drill ste m test | ok | CONTINUED MAIN FLOW PERIOD OF WATER ZONE. POOR RESPONSE, WELL DIED BEFORE WATER REACHED SURFACE. |
| 08:00 | 08:30 | 3937 | formation evaluation -- drill ste m test | ok | SHUT IN WELL WITH SELECT TESTER VALVE TO CHECK OPERATION OF VALVE. |
| 08:30 | 11:00 | 3937 | formation evaluation -- drill ste m test | ok | OPENED WELL AND CONTINUED FLOW PERIOD. NO RESPONSE FROM WELL. |
| 11:00 | 16:30 | 3937 | formation evaluation -- rig up/d own | ok | SHUT IN WELL WITH UPPER SUBSEA LUBRICATOR VALVE. R/U WIRELINE LUBRICATOR AND MWS BOTTOM HOLE SAMPLER/GR/CCL. |
| 16:30 | 23:00 | 3937 | interruption -- other | fail | RIH WITH MWS BOTTOM HOLE SAMPLING TOOL. SAMPLE CHAMBER FAILED TO OPEN. POOH WITH WIRELINE. |
| 23:00 | 00:00 | 3937 | interruption -- waiting on weather | ok | WAITED ON SWELL AND HEAVE TO SUBSIDE TO DISCONNECT WIRELINE LUBRICATOR AND CHANGE OUT BOTTOM HOLE SAMPLING TOOL. RIG HEAVING 2M-3M. |

Drilling Fluid

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|-------------------------------|-----------|
| Sample Time | 23:59 |
| Sample Point | Flowline |
| Sample Depth mMD | 4131 |
| Fluid Type | ULTIDRILL |
| Fluid Density (g/cm3) | 1.48 |
| Funnel Visc (s) | -999.99 |
| 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) | 45 |
| Yield point (Pa) | 13.5 |
| Filtration tests | |

| | |
|---------------------|--|
| Pm filtrate () | |
| Filtrate Ltph () | |
| 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 | 4131 | | 1.15 | estimated |