

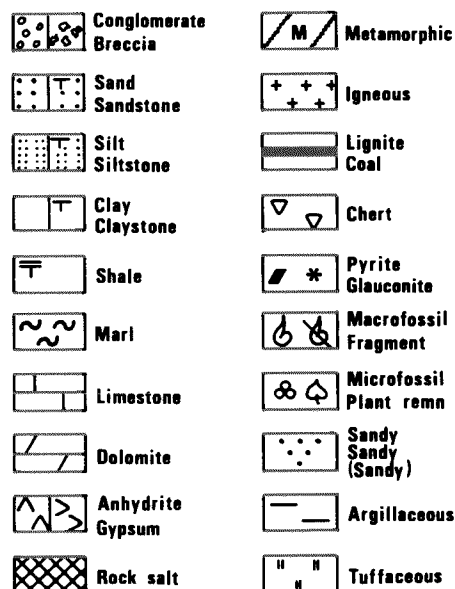
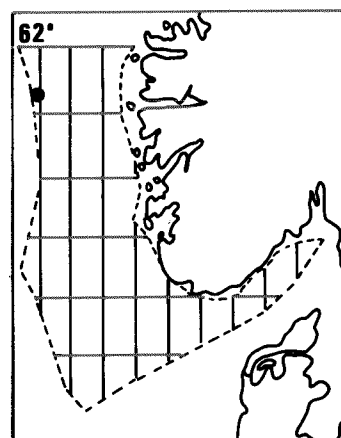
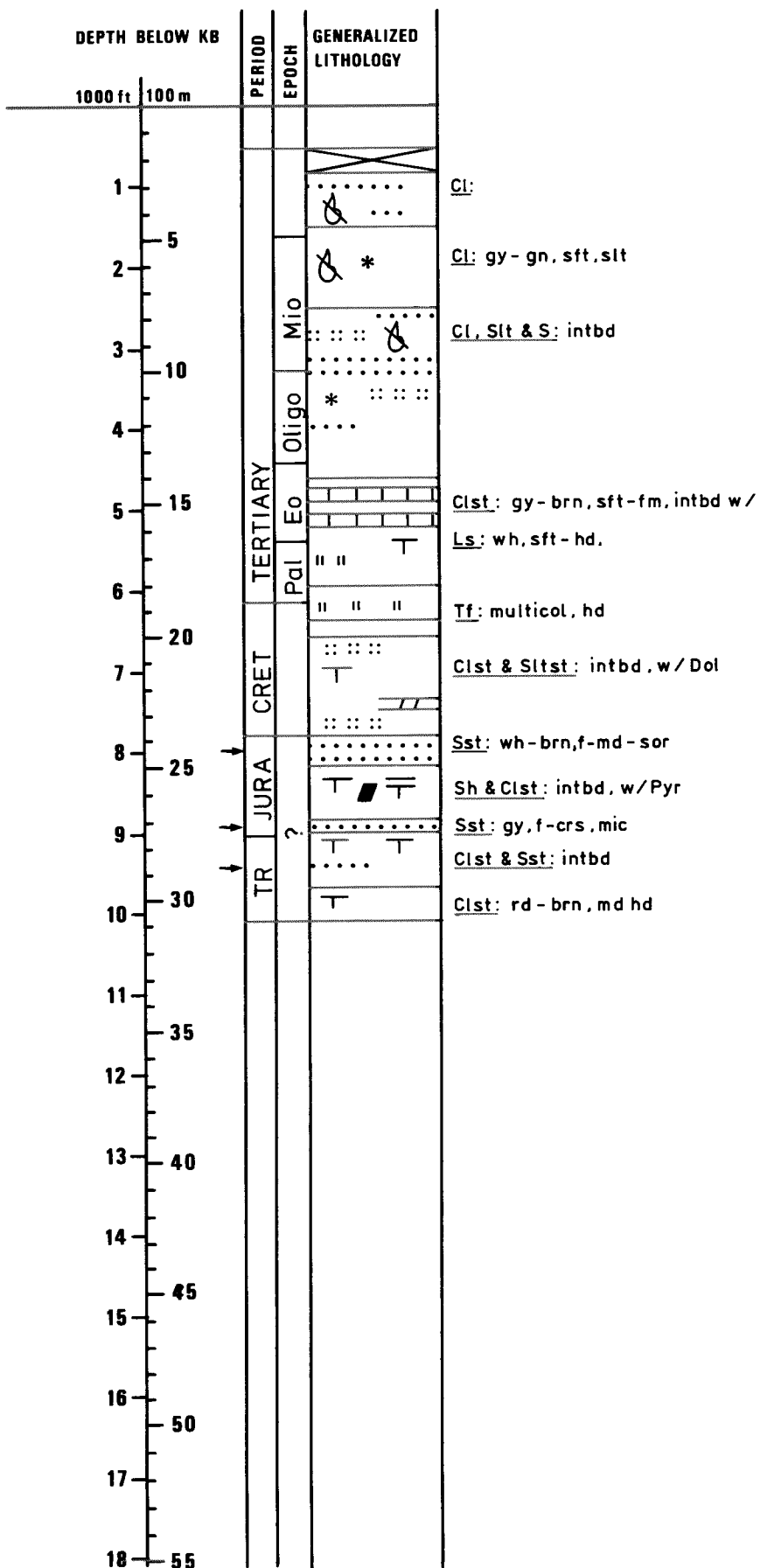
WELL NO.: 33/9-9

TOTAL DEPTH 3100 m

ELEV KB 25 m

OPERATOR: MOBIL

WATER DEPTH 145 m



← Core
 ~~~~~ Unconformity

Plio Pliocene  
 Mio Miocene  
 Oligo Oligocene  
 Eo Eocene  
 Pal Paleocene  
 Dan Danian  
 Cret Cretaceous  
 JR Jurassic  
 TR Triassic  
 Perm Permian  
 Basem Basement  
 E Early  
 M Middle  
 L Late

WELL NO 33/9-9 FIELD Statfjord  
 COORDINATES 61° 17' 10.19" N 01° 54' 26.05" E  
 LICENSEE Statoil/Mobil Group  
 LICENSE NO 037  
 PERMIT NO 179  
 CONTRACTOR Dolphin Services A/S  
 RIG Borgny Dolphin  
 SPUD DATE 27. July 1977  
 COMPLETION DATE 17. November 1977

SPUD CLASSIF Appraisal  
 COMPL CLASSIF Oil & gas discovery. P&A  
 FMTN AT TD Triassic  
 PROD FMTN Jurassic  
 REMARKS :

### CASINGS

| TYPE  | DIAM<br>inches | DEPTH<br>BELOW KB<br>m | HOLE<br>DIAM<br>inches | DEPTH<br>BELOW KB<br>m |
|-------|----------------|------------------------|------------------------|------------------------|
| COND  | 30             | 244                    | 36                     | 249                    |
| SFC   | 20             | 475                    | 26                     | 486                    |
| INT   | 13 3/8         | 1984                   | 17 1/2                 | 1993                   |
| INT   | 9 5/8          | 3068                   | 12 1/4                 | 3100                   |
| INT   |                |                        |                        |                        |
| LINER |                |                        |                        |                        |

### CONVENTIONAL CORES

| NO | INTERVAL<br>m | RECOVERY |         |     |
|----|---------------|----------|---------|-----|
|    |               | m        | QUALITY | %   |
| 1  | 2402.0-2421.0 | 18.3     |         | 100 |
| 2  | 2421.0-2433.0 | 11.7     |         | 97  |
| 3  | 2433.0-2435.0 | 0.5      |         | 25  |
| 4  | 2435.0-2444.0 | 9.0      |         | 100 |
| 5  | 2444.0-2457.0 | 11.0     |         | 85  |
| 6  | 2457.0-2471.0 | 13.0     |         | 93  |
| 7  | 2471.0-2489.3 | 18.3     |         | 100 |
| 8  | 2489.3-2506.5 | 16.3     |         | 95  |
| 9  | 2707.7-2711.0 | 2.4      |         | 73  |
| 10 | 2711.0-2721.0 | 8.0      |         | 80  |
| 11 | 2721.0-2729.0 | 6.5      |         | 81  |
| 12 | 2729.0-2743.5 | 13.0     |         | 90  |
| 13 | 2743.5-2757.3 | 12.4     |         | 90  |

### AVAILABLE LOGS

| TYPE   | INTERVAL<br>m | 1/200 | 1/500 |
|--------|---------------|-------|-------|
| GR     | 170 - 246     | x     | x     |
| ISF/   |               |       |       |
| Sonic  | 246 - 3102    | x     | x     |
| BHC-C  | 1990 - 3099   | x     | x     |
| GRspec | 2350 - 3104   | x     | x     |
| FDC/   |               |       |       |
| CNL    | 476 - 3102    | x     | x     |
| DLL/   |               |       |       |
| MSFL   | 2350 - 3103   | x     | x     |
| CDM    | 2300 - 3103   | x     |       |
| " ap   | 2301 - 3082   | x     |       |
| CBL    | 1980 - 3038   | x     | x     |
| "      | 1980 - 2830   | x     | x     |
| SRS    | 246 - 3102    |       | x     |
| Mud    | 249 - 3100    |       | x     |

### TESTS

| TYPE | NO | INTERVAL<br>m | RECOVERY                                              | FSIP<br>psi | FFP<br>psi |
|------|----|---------------|-------------------------------------------------------|-------------|------------|
| DST  | 2  | 2848 - 2853   | Water w/slight traces of oil                          | 6015        | 4140       |
| "    | 3  | 2800 - 2804   | 1/3 ch. 4380 BOPD, 38.8° API, 2.26 MMCFGPD, GOR 516   | 5858        | 5680       |
| "    | 5  | 2742 - 2745   | 1/3 ch. 6303 BOPD, 38.8° API, 3.27 MMCFGPD, GOR 518   | 5882        | 5728       |
| "    | 6  | 2742 - 2745   | 28/64 ch. 5360 BOPD, 38.6° API, 3.35 MMCFGPD, GOR 625 | 5957        | 5861       |
| "    | 7  | 2531 - 2538   | 1/2 ch. 4346 BOPD, 34.6° API, 3.2 MMCFGPD, GOR 732    | 5245        | 4794       |
| "    | 8  | 2458 - 2461   | 3/4 ch. 9224 BOPD, 36.6° API, 9.76 MMCFGPD, GOR 1058  | 5590        | 5486       |
| "    | 9  | 2426 - 2433   | 46/64 ch. 9277 BOPD, 7.9 MMCFGPD, GOR 851             | 5569        | 5518       |

REMARKS DST no. 1 (2847.5 - 2852.5 m) and no. 4 (2742 - 2745 m) were mis-runs.

WELL NO 33/9-9 FIELD \_\_\_\_\_  
 COORDINATES \_\_\_\_\_  
 LICENSEE \_\_\_\_\_  
 LICENSE NO \_\_\_\_\_  
 PERMIT NO \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 RIG \_\_\_\_\_  
 SPUD DATE \_\_\_\_\_  
 COMPLETION DATE \_\_\_\_\_

SPUD CLASSIF \_\_\_\_\_  
 COMPL CLASSIF \_\_\_\_\_  
 FMTN AT TD \_\_\_\_\_  
 PROD FMTN \_\_\_\_\_  
 REMARKS :

| <b>CASINGS</b> |                |                        |                        |                        |
|----------------|----------------|------------------------|------------------------|------------------------|
| TYPE           | DIAM<br>inches | DEPTH<br>BELOW KB<br>m | HOLE<br>DIAM<br>inches | DEPTH<br>BELOW KB<br>m |
| COND           |                |                        |                        |                        |
| SFC            |                |                        |                        |                        |
| INT            |                |                        |                        |                        |
| INT            |                |                        |                        |                        |
| INT            |                |                        |                        |                        |
| LINER          |                |                        |                        |                        |

| <b>AVAILABLE LOGS</b> |               |       |       |
|-----------------------|---------------|-------|-------|
| TYPE                  | INTERVAL<br>m | 1/200 | 1/500 |
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| <b>CONVENTIONAL CORES</b> |               |          |         |     |
|---------------------------|---------------|----------|---------|-----|
| NO                        | INTERVAL<br>m | RECOVERY |         |     |
|                           |               | m        | QUALITY | %   |
| 14                        | 2757.3-2763.0 | 0.5      |         | 11  |
| 15                        | 2763.0-2775.3 | 12.0     |         | 98  |
| 16                        | 2775.3-2781.7 | 6.4      |         | 100 |
| 17                        | 2793.0-2807.5 | 6.8      |         | 47  |
| 18                        | 2807.5-2818.4 | 8.7      |         | 80  |
| 19                        | 2818.4-2826.2 | 7.8      |         | 100 |
| 20                        | 2826.2-2837.5 | 10.0     |         | 88  |
| 21                        | 2837.5-2853.5 | 15.0     |         | 94  |
| 22                        | 2853.5-2866.0 | 12.0     |         | 96  |
| 23                        | 2866.0-2876.5 | 10.5     |         | 100 |
|                           |               |          |         |     |
|                           |               |          |         |     |
|                           |               |          |         |     |

| <b>TESTS</b> |    |               |          |             |            |
|--------------|----|---------------|----------|-------------|------------|
| TYPE         | NO | INTERVAL<br>m | RECOVERY | FSIP<br>psi | FFP<br>psi |
|              |    |               |          |             |            |
|              |    |               |          |             |            |
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REMARKS