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LITHOSTRATIGRAPHY OF FIFTY-NINE WELLS,
JEANNE D'ARC BASIN

K.D. McAlpine
Geological Survey of Canada
Atlantic Geoscience Centre
Bedford Institute of Oceanography
P.O. Box 1006, Dartmouth, N.S., B2Y 4A2

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INTRODUCTION

This report provides lithostratigraphic "picks" for 59 wells in the Jeanne d'Arc Basin and Outer Ridge Complex area, offshore Newfoundland (Fig. 1). Interpretations are provided for all wells released as of December 1989. In Part I, well breakdowns are presented alphabetically, by well; in Part II, lithostratigraphic unit occurrences in wells are presented in approximate stratigraphic order, from top to bottom.

The terminology, below the Dawson Canyon Formation, follows that presented by McAlpine and Edwards (1988), followed by Brown et al. (1989) and Grant and McAlpine (in press), and formally proposed by McAlpine (in press; Fig. 2). The wells included in this report contain all the type sections and reference sections defined by McAlpine (in press; Table 1).

Tops below the Dawson Canyon Formation represent the best current syntheses of down-hole log, lithologic, seismic and paleontologic correlation. Sequences above the Eider Formation have not been studied as rigorously as those below. The lithostratigraphic subdivision of the upper part of the section is, therefore, preliminary.

The data in this report are abridged outputs from a computer database. Some general comments apply.

RT = Unmodified gamma-ray/sonic log depth, in metres, below rotary table.

SS = Depth below sealevel, in metres, corrected for rotary table elevation.

ISO = Drilled thickness in metres.

~~~~~ = An important stratigraphic boundary - usually a seismic sequence boundary - often an unconformity near basin margins and major structures, but disconformable to conformable elsewhere. When a depth is provided the boundary is intraformational.

WHITEROSE SH (U) = Upper tongue of Whiterose Shale.

WHITEROSE SH (L) = Lower tongue of Whiterose shale - upper and lower tongues, where present, are separated by Catalina Formation and/or 'B' Marker.

General well information (location, status, tests, etc.) may be found in Canada-Newfoundland Offshore Petroleum Board (1988).

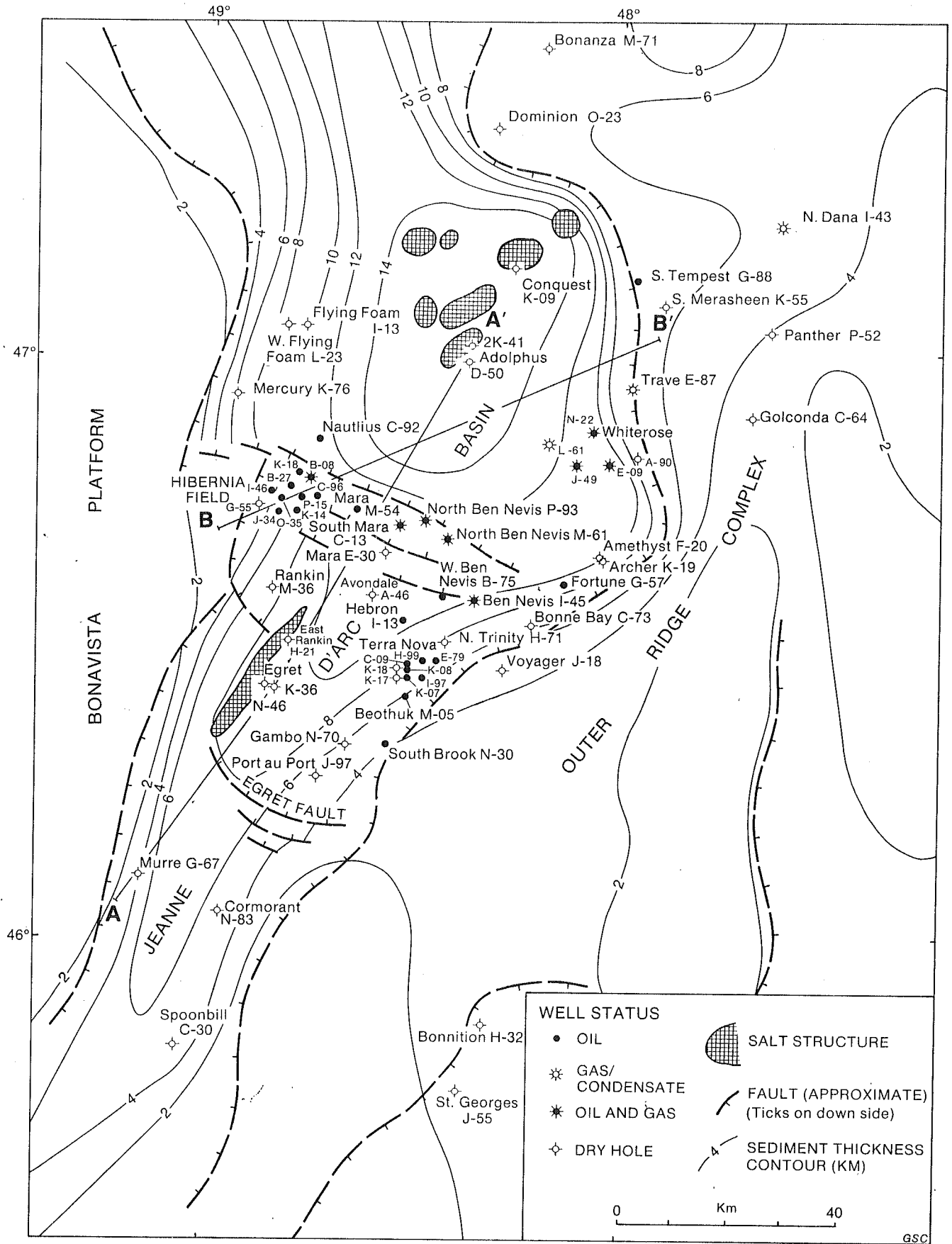


Figure 1. Diagrammatic tectonic element and sediment thickness map of the Jeanne d'Arc Basin showing locations of all wells listed in this report (from McAlpine, in press).

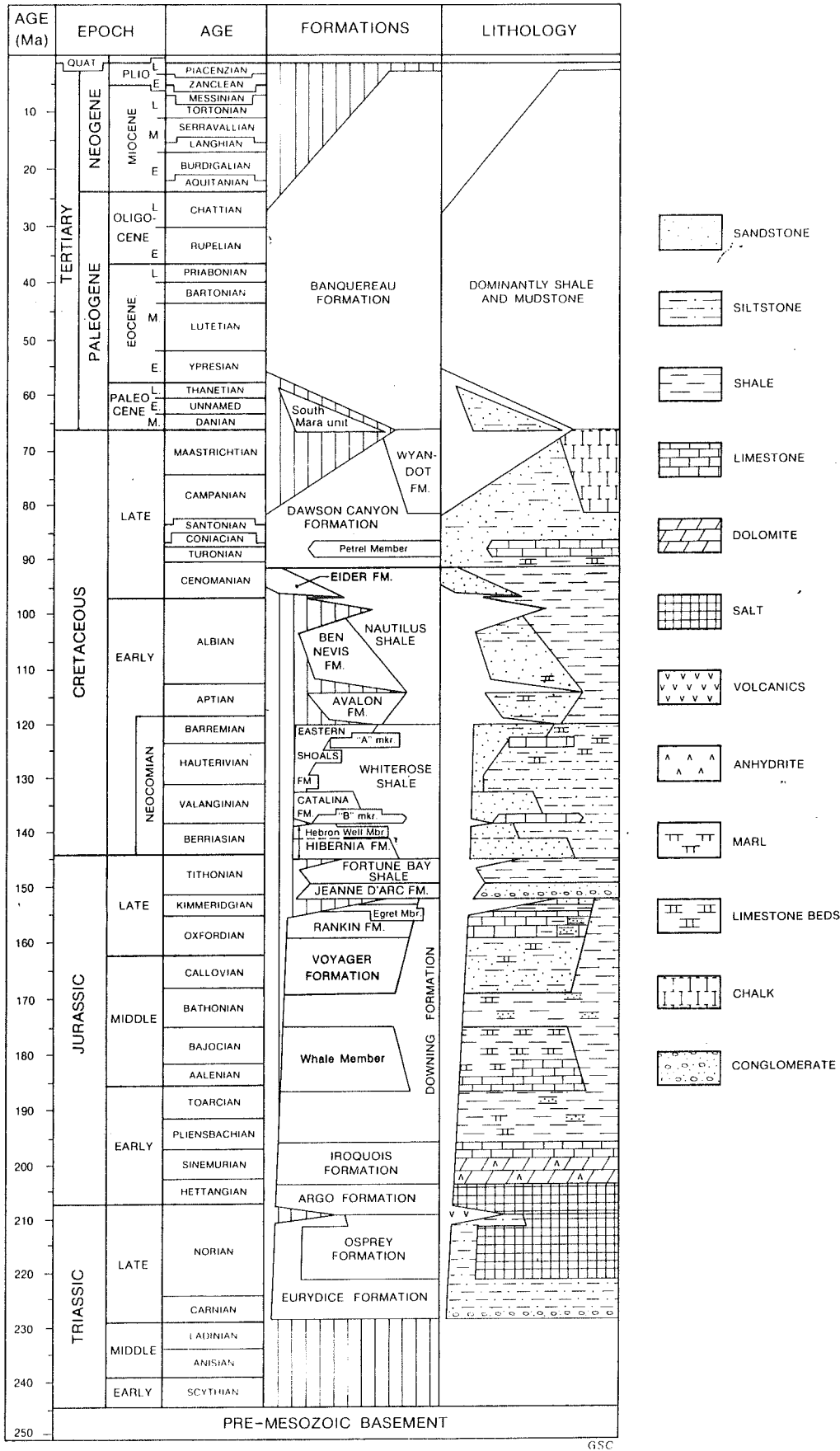


Figure 2. Lithostratigraphic chart for the Jeanne d'Arc Basin (from McAlpine, in press).

| Well Name       | Latitude (North) | Longitude (West) | Date of Rig Release | Rotary Table (m) | Water Depth (m) | Total Depth (m) |
|-----------------|------------------|------------------|---------------------|------------------|-----------------|-----------------|
| Ben Nevis I-45  | 46°34'39.74"     | 48°21'09.84"     | 09/10/1980          | 26.82            | 101.18          | 4932.00         |
| Elder M-75      | 45°34'54.97"     | 51°56'41.52"     | 07/09/1971          | 29.90            | 77.70           | 3530.20         |
| Hebron I-13     | 46°32'33.95"     | 48°31'45.47"     | 09/13/1981          | 27.30            | 94.00           | 4723.00         |
| Hibernia G-55   | 46°44'17.07"     | 48°53'10.75"     | 02/24/1981          | 29.70            | 76.50           | 3460.00         |
| Hibernia K-14   | 46°43'39.83"     | 48°47'36.18"     | 01/15/1984          | 32.90            | 78.90           | 4462.00         |
| Hibernia O-35   | 46°44'54.92"     | 48°49'53.74"     | 07/13/1980          | 24.00            | 80.00           | 4788.00         |
| Hibernia P-15   | 46°44'58.98"     | 48°46'51.18"     | 01/07/1980          | 11.30            | 80.20           | 4407.00         |
| Murre G-67      | 46°06'20.40"     | 49°09'38.20"     | 09/20/1971          | 29.90            | 64.60           | 3337.30         |
| Nautilus C-92   | 46°51'03.55"     | 48°44'20.64"     | 07/16/1982          | 27.40            | 84.40           | 5115.00         |
| Osprey H-84     | 44°43'28.79"     | 49°27'22.92"     | 08/16/1973          | 25.90            | 61.30           | 3473.80         |
| Rankin M-36     | 46°35'46.58"     | 48°50'56.26"     | 08/06/1983          | 26.80            | 72.40           | 3971.00         |
| Spoonbill C-30  | 45°49'06.47"     | 49°04'06.18"     | 10/15/1973          | 29.90            | 65.20           | 2757.20         |
| Terra Nova K-08 | 46°27'31.60"     | 48°30'59.60"     | 06/11/1984          | 25.00            | 94.50           | 4500.00         |
| Terra Nova K-18 | 46°27'44.05"     | 48°32'31.58"     | 11/25/1984          | 24.30            | 91.40           | 3925.00         |
| Trave E-87      | 46°56'17.56"     | 47°58'09.74"     | 06/26/1984          | 25.00            | 138.00          | 3988.00         |
| Voyager J-18    | 46°27'32.50"     | 48°17'00.49"     | 06/12/1984          | 27.40            | 101.00          | 3744.30         |
| Whiterose N-22  | 46°51'47.99"     | 48°03'56.51"     | 01/05/1985          | 27.40            | 122.00          | 4633.50         |

All unit boundaries provided in this table and throughout the text are gamma-ray/sonic log depths related to Rotary Table datum.

Well sample materials are stored at the:  
 Canada-Newfoundland Offshore Petroleum Board  
 Core Storage and Research Centre  
 St. John's, Newfoundland

| Lithostratigraphic Unit  | Type Section                                          | Reference Section                                                                               |
|--------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Nautilus Shale           | Mobil et al. Nautilus C-92<br>2668-3285 m             |                                                                                                 |
| Elder Formation          | Amoco-IOE A-1 Elder M-75<br>708-830 m                 | Mobil et al. Rankin M-36<br>1582-1730 m                                                         |
| Ben Nevis Formation      | Mobil et al. Ben Nevis I-45<br>2377-2755 m            |                                                                                                 |
| Avalon Formation         | Mobil et al. Ben Nevis I-45<br>2755-2880 m            |                                                                                                 |
| Whiterose Shale          | Husky-Bow Valley et al. Whiterose N-22<br>2728-3357 m |                                                                                                 |
| Eastern Shoals Formation | Mobil et al. Ben Nevis I-45<br>2880-2981 m            | Mobil et al. Hibernia G-55<br>2574-3389 m                                                       |
| "A" Marker               | Chevron et al. Hibernia P-15<br>2506-2514 m           |                                                                                                 |
| Catalina Formation       | Chevron et al. Hibernia P-15<br>3211-3418 m           | Mobil et al. Hibernia O-35<br>3130-3300 m<br>Petro-Canada et al. Terra Nova K-08<br>2264-2385 m |
| "B" Marker               | Mobil et al. Ben Nevis I-45<br>3804-3909 m            |                                                                                                 |
| Hebron Well Member       | Mobil et al. Hebron I-13<br>2887-3098 m               |                                                                                                 |
| Hibernia Formation       | Mobil et al. Hibernia K-14<br>3839-4062 m             | Mobil et al. Hebron I-13<br>2887-3490 m                                                         |
| Fortune Bay Shale        | Petro-Canada et al. Terra Nova K-18<br>2840-3050 m    |                                                                                                 |
| Jeanne d'Arc Formation   | Petro-Canada et al. Terra Nova K-18<br>3050-3413 m    |                                                                                                 |
| Egret Member             | Mobil et al. Rankin M-36<br>2436-2491 m               | Husky-Bow Valley et al. Trave E-87<br>3046-3120 m                                               |
| Rankin Formation         | Mobil et al. Rankin M-36<br>2386-3144 m               | Husky-Bow Valley et al. Trave E-87<br>2844-3775 m                                               |
| Voyager Formation        | Mobil et al. Rankin M-36<br>3144-3752 m               | Husky-Bow Valley et al. Voyager J-18<br>3246-3743 m (T.D.)                                      |
| Whale Member             | Amoco-IOE A-1 Murre G-67<br>1817-2008 m               |                                                                                                 |
| Downing Formation        | Amoco-IOE A-1 Murre G-67<br>1245-2586 m               |                                                                                                 |
| Iroquois Formation       |                                                       | Amoco-IOE A-1 Murre G-67<br>2586-2923 m                                                         |
| Argo Formation           |                                                       | Amoco Imperial Skelly Spoonbill C-30<br>1263-1514 m                                             |
| Osprey Formation         | Amoco Imperial Skelly Osprey H-84<br>1692-3306 m      | Amoco Imperial Skelly Spoonbill C-30<br>1652-2534 m                                             |
| Eurydice Formation       |                                                       | Amoco-IOE A-1 Murre G-67<br>2923-3155 m                                                         |

Table 1. Well type sections and well reference sections for Mesozoic lithostratigraphic units in the Jeanne d'Arc Basin (from McAlpine, in press).

## REFERENCES

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1989: Sedimentology and sandstone diagenesis of Hibernia Formation in Hibernia oil field, Grand Banks of Newfoundland; American Association of Petroleum Geologists Bulletin, v.73, no.5, p. 557-575.
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1988: Schedule of wells Newfoundland offshore area; Canada-Newfoundland Offshore Petroleum Board, St. John's, Newfoundland, June 1, 1988.
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1988: The Mesozoic stratigraphy of the Jeanne d'Arc Basin; in Program with Abstracts, Geological Association of Canada/Mineralogical Association of Canada/Canadian Association of Petroleum Geologists Joint Annual Meeting, St. John's, Newfoundland, May 23-25, 1988, p.A81.



**PART I**

**LITHOSTRATIGRAPHIC UNIT TOPS BY WELL**

```

-----
NAME: ADOLPHUS D-50

TD: 3686      RT: 29.9
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      144.90      115.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 2596.00 2566.10 63.00
~~~~~
WYANDOT FM        2659.00     2629.10     252.00
DAWSON CANYON FM  2911.00     2881.10     192.00
  PETREL MBR      3055.00     3025.10      48.00
EIDER FM          3103.00     3073.10     217.00
~~~~~
NAUTILUS SHALE 3320.00 3290.10 366.00 +
TD 3686.00 3656.10

```

```

NAME: ADOLPHUS 2K-41

TD: 3657 RT: 31.4

UNIT RT SS ISO

WATER BOTTOM 145.40 114.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT  2316.00     2284.60     65.00
~~~~~
WYANDOT FM 2381.00 2349.60 51.00
DAWSON CANYON FM 2432.00 2400.60 146.00
 PETREL MBR 2524.00 2492.6 54.00
EIDER FM 2578.00 2546.60 104.00
~~~~~
NAUTILUS SHALE   2682.00     2650.60    129.00
DIAPIR CAPROCK  2811.00     2779.60     42.00
ARGO FM          2853.00     2821.60    804.00 +
TD               3657.00     3625.60

```

```

-----
NAME: ARCHER K-19

TD: 4299          RT: 23.3
-----
UNIT              RT          SS          ISO
-----
WATER BOTTOM      142.30
BANQUEREAU FM    IN CASING
~~~~~
 SOUTH MARA UNIT 1908.00 1884.70 21.00
~~~~~
DAWSON CANYON FM 1929.00    1905.70    45.00
  PETREL MBR      1929.00    1905.70    41.00
  BASE PETREL MBR 1970.00    1946.70
NAUTILUS SHALE   1974.00    1950.70    138.00
~~~~~
 2016.00 1992.70
~~~~~
BEN NEVIS FM     2112.00    2088.70    58.00
~~~~~
AVALON FM 2170.00 2146.70 59.00
~~~~~
EASTERN SHOALS FM 2229.00    2205.70    114.00
WHITEROSE SHALE  2343.00    2319.70    80.00
  'B' MARKER      2423.00    2399.70    22.00
HIBERNIA FM      2445.00    2421.70    164.00
FORTUNE BAY SHALE 2609.00    2585.70    410.00
JEANNE D'ARC FM   3019.00    2995.70    153.00
~~~~~
RANKIN FM 3172.00 3148.70 687.00
 EGRET MBR 3279.00 3255.70 170.00
 BASE EGRET MBR 3449.00 3425.70
VOYAGER FM 3859.00 3835.70 440.00 +
TD 4299.00 4275.70

```

```

NAME: BEN NEVIS I-45

TD: 4933 RT: 28.8

UNIT RT SS ISO

WATER BOTTOM 128.80 100.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT  1694.00     1665.20      65.00
~~~~~
DAWSON CANYON FM 1759.00 1730.20 164.00
 PETREL MBR 1875.00 1846.20 46.00
 BASE PETREL MBR 1921.00 1892.20
NAUTILUS SHALE 1923.00 1894.20 454.00
~~~~~
                2059.00     2030.20
~~~~~
BEN NEVIS FM * 2377.00 2348.20 378.00
~~~~~
AVALON FM        * 2755.00     2726.20     125.00
~~~~~
EASTERN SHOALS FM * 2880.00 2851.20 101.00
~~~~~
WHITEROSE SHALE  2981.00     2952.20     823.00
'B' MARKER      * 3804.00     3775.20     105.00
HIBERNIA FM      3909.00     3880.20     711.00
  HEBRON WELL MBR 3909.00     3880.20     290.00
  B HEBRON WELL MBR 4199.00     4170.20
FORTUNE BAY SHALE 4620.00     4591.20     313.00 +
TD               4933.00     4904.20

```

\* Type section

```

-----
NAME: BEOTHUK M-05

TD: 3779          RT: 23.8
-----
UNIT              RT          SS          ISO
-----
WATER BOTTOM      116.80      93.00
BANQUEREAU FM    IN CASING
~~~~~
 SOUTH MARA UNIT 1049.00 1025.20 131.00
~~~~~
DAWSON CANYON FM  1180.00     1156.20     213.00
  PETREL MBR      1332.00     1308.20      58.00
  BASE PETREL MBR 1390.00     1366.20
EIDER FM          1393.00     1369.20      60.00
~~~~~
NAUTILUS SHALE 1453.00 1429.20 28.00
~~~~~
BEN NEVIS FM      1481.00     1457.20     194.00
~~~~~
AVALON FM 1675.00 1651.20 128.00
~~~~~
EASTERN SHOALS FM 1803.00     1779.20      97.00
WHITEROSE SHALE  1900.00     1876.20     309.00
CATALINA FM      2209.00     2185.20     104.00
'B' MARKER       2313.00     2289.20      94.00
HIBERNIA FM      2407.00     2383.20     376.00
  HEBRON WELL MBR 2407.00     2383.20     119.00
  B HEBRON WELL MBR 2526.00     2502.20
FORTUNE BAY SHALE 2783.00     2759.20     173.00
JEANNE D'ARC FM  2956.00     2932.20     189.00
~~~~~
RANKIN FM 3145.00 3121.20 634.00 +
 EGRET MBR 3387.00 3363.20 108.00
 BASE EGRET MBR 3495.00 3471.20
TD 3779.00 3755.20

```

| -----               |            |          |         |
|---------------------|------------|----------|---------|
| NAME: BONANZA M-71  |            |          |         |
| TD: 5295            |            | RT: 26.8 |         |
| -----               |            |          |         |
| UNIT                | RT         | SS       | ISO     |
| -----               |            |          |         |
| WATER BOTTOM        | 221.80     | 195.00   |         |
| BANQUEREAU FM       | IN CASING  |          |         |
| ~~~~~               |            |          |         |
| WYANDOT FM          | 3407.00    | 3380.20  | 53.00   |
| ~~~~~               |            |          |         |
| NAUTILUS SHALE      | 3460.00    | 3433.20  | 60.00   |
| ~~~~~               |            |          |         |
| WHITEROSE SHALE     | 3520.00    | 3493.20  | 780.00  |
| FORTUNE BAY SHALE   | 4300.00    | 4273.20  | 90.00   |
| ~~~~~               |            |          |         |
| VOYAGER FM          | 4390.00    | 4363.20  | 837.00  |
| ~~~~~               |            |          |         |
| UNNAMED SANDSTONE * | 5227.00    | 5200.20  | 55.00   |
| ~~~~~               |            |          |         |
| BASEMENT            | ** 5282.00 | 5255.20  | 13.00 + |
| TD                  | 5295.00    | 5268.20  |         |

\* Mesozoic?

\*\* Undated metasediments

```

NAME: BONNE BAY C-73

TD: 4205 RT: 23.0

UNIT RT SS ISO

WATER BOTTOM 130.00 107.00
BANQUEREAU FM IN CASING
~~~~~          ]
SOUTH MARA UNIT ? ]
~~~~~          ] NO LOGS *
DAWSON CANYON FM ?]
PETREL MBR ?]
NAUTILUS SHALE 1860.00 1837.00 460.00
~~~~~          1971.00      1948.00
~~~~~
BEN NEVIS FM 2320.00 2297.00 238.00
~~~~~
AVALON FM        2558.00      2535.00      104.00
~~~~~
EASTERN SHOALS FM 2662.00 2639.00 173.00
WHITEROSE SHALE 2835.00 2812.00 215.00
'B' MARKER 3050.00 3027.00 82.00
HIBERNIA FM 3132.00 3109.00 481.00
 HEBRON WELL MBR 3132.00 3109.00 184.00
 B HEBRON WELL MBR 3316.00 3293.00
FORTUNE BAY SHALE 3613.00 3590.00 342.00
JEANNE D'ARC FM 3955.00 3932.00 220.00
~~~~~
RANKIN FM        4175.00      4152.00      30.00 +
TD               4205.00      4182.00

```

\* Logs start at 1792m



```

-----
NAME: CONQUEST K-09

TD: 4968      RT: 22.9
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      158.90      136.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 3225.00 3202.10 73.00
~~~~~
WYANDOT FM        3298.00     3275.10     215.00
DAWSON CANYON FM  3513.00     3490.10     205.00
  PETREL MBR      3650.00     3627.10      68.00
EIDER FM          3718.00     3695.10     207.00
~~~~~
NAUTILUS SHALE 3925.00 3902.10 294.00
WHITEROSE SHALE 4219.00 4196.10 749.00 +
TD 4968.00 4945.10

```

```

NAME: CORMORANT N-83

TD: 3160 RT: 29.9

UNIT RT SS ISO

WATER BOTTOM 66.00 66.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT   381.00     351.10      76.00
~~~~~
DAWSON CANYON FM 457.00 427.10 345.00
 PETREL MBR 780.00 750.10 22.00
EIDER FM 802.00 772.10 20.00
~~~~~
DOWNING FM        822.00     792.10    1339.00
  WHALE MBR      1103.00    1073.10     413.00
  BASE WHALE MBR 1516.00    1486.10
IROQUOIS FM       2161.00    2131.10     429.00
ARGO FM           2590.00    2560.10     350.00
~~~~~
BASALT 2940.00 2910.10 35.00
~~~~~
TONGUE OF EURYDICE FM 2975.00    2945.10     185.00 +
TD                3160.00    3130.10

```

```

-----
NAME:  DOMINION O-23
      TD: 3998      RT: 29.9
-----
      UNIT              RT          SS          ISO
-----
WATER BOTTOM          191.90      162.00
BANQUEREAU FM        IN CASING
~~~~~
WYANDOT FM 3133.00 3103.10 40.00
~~~~~
NAUTILUS SHALE       3173.00     3143.10      61.00
~~~~~
WHITEROSE SHALE 3234.00 3204.10 764.00 +
TD 3998.00 3968.10

```

```

NAME: EGRET K-36

TD: 3353 RT: 29.9

UNIT RT SS ISO

WATER BOTTOM 97.90 68.00
BANQUEREAU FM IN CASING
~~~~~
  SOUTH MARA UNIT      734.00        704.10        49.00
~~~~~
DAWSON CANYON FM 783.00 753.10 468.00
 PETREL MBR 1112.00 1082.10 107.00
 BASE PETREL MBR 1219.00 1189.10
NAUTILUS SHALE 1251.00 1221.10 66.00
EIDER FM 1317.00 1287.10 45.00
~~~~~
EASTERN SHOALS FM    1362.00       1332.10        69.00
CATALINA FM          1431.00       1401.10       105.00
'B' MARKER           1536.00       1506.10        58.00
HIBERNIA FM          1594.00       1564.10       450.00
  HEBRON WELL MBR     1594.00       1564.10        82.00
  B HEBRON WELL MBR   1676.00       1646.10
FORTUNE BAY SHALE    2044.00       2014.10       105.00
JEANNE D'ARC FM      2149.00       2119.10       114.00
~~~~~
RANKIN FM 2263.00 2233.10 1090.00 +
 EGRET MBR 2642.00 2612.10 61.00
 BASE EGRET MBR 2703.00 2673.10
TD 3353.00 3323.10

```

```

NAME: EGRET N-46

TD: 2743 RT: 29.9

UNIT RT SS ISO

WATER BOTTOM 97.90 68.00
BANQUEREAU FM IN CASING
~~~~~

SOUTH MARA UNIT      701.00        671.10        34.00
~~~~~

DAWSON CANYON FM 735.00 705.10 435.00
 PETREL MBR 1072.00 1042.10 78.00
 BASE PETREL MBR 1150.00 1120.10
NAUTILUS SHALE 1170.00 1140.10 77.00
EIDER FM 1247.00 1217.10 76.00
~~~~~

HIBERNIA FM          1323.00       1293.10        145.00
FORTUNE BAY SHALE    1468.00       1438.10         99.00
JEANNE D'ARC FM      1567.00       1537.10       373.00
~~~~~

RANKIN FM 1940.00 1910.10 803.00 +
 EGRET MBR 1970.00 1940.10 77.00
 BASE EGRET MBR 2047.00 2017.10
TD 2743.00 2713.10

```

```

NAME: FLYING FOAM I-13

TD: 3683 RT: 29.9

UNIT RT SS ISO

WATER BOTTOM 120.90 91.00
BANQUEREAU FM IN CASING
~~~~~

CATALINA FM      2116.00     2086.10     351.00
'B' MARKER      2467.00     2437.10      20.00
WHITEROSE SHALE  2487.00     2457.10     360.00
HIBERNIA FM      2847.00     2817.10     267.00
FORTUNE BAY SHALE  3114.00     3084.10      80.00
JEANNE D'ARC FM  3194.00     3164.10      75.00
~~~~~

RANKIN FM 3269.00 3239.10 414.00 +
 EGRET MBR 3281.00 3251.10 72.00
 BASE EGRET MBR 3353.00 3323.10
TD 3683.00 3653.10

```

```

NAME: FORTUNE G-57

TD: 4995 RT: 22.7

UNIT RT SS ISO

WATER BOTTOM 135.70 113.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT  1829.00     1806.30      52.00
~~~~~
DAWSON CANYON FM 1881.00 1858.30 204.00
 PETREL MBR 1983.00 1960.30 12.00
 BASE PETREL MBR 1995.00 1972.30
NAUTILUS SHALE 2085.00 2062.30 327.00
~~~~~
                2222.00     2199.30
~~~~~
BEN NEVIS FM 2412.00 2389.30 213.00
~~~~~
AVALON FM        2625.00     2602.30      70.00
~~~~~
EASTERN SHOALS FM 2695.00 2672.30 298.00
WHITEROSE SHALE 2993.00 2970.30 194.00
'B' MARKER 3187.00 3164.30 107.00
HIBERNIA FM 3294.00 3271.30 763.00
 HEBRON WELL MBR 3294.00 3271.30 278.00
 B HEBRON WELL MBR 3572.00 3549.30
FORTUNE BAY SHALE 4057.00 4034.30 492.00
JEANNE D'ARC FM 4549.00 4526.30 199.00
~~~~~
RANKIN FM        4748.00     4725.30     247.00 +
  EGRET MBR ?    4916.00     4893.30      79.00 +
TD               4995.00     4972.30

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-----
NAME: GAMBO N-70

TD: 2515      RT: 24.0
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM          108.00
BANQUEREAU FM      IN CASING
~~~~~
 SOUTH MARA UNIT 888.00 864.00 115.00
~~~~~
DAWSON CANYON FM     1003.00      979.00      247.00
  PETREL MBR          1238.00      1214.00       8.00
  BASE PETREL MBR     1246.00      1222.00
EIDER FM             1250.00      1226.00      70.00
~~~~~
NAUTILUS SHALE 1320.00 1296.00 20.00
~~~~~
BEN NEVIS FM         1340.00      1316.00      140.00
~~~~~
AVALON FM 1480.00 1456.00 140.00
~~~~~
EASTERN SHOALS FM    1620.00      1596.00      22.00
WHITEROSE SH (U)     1642.00      1618.00      45.00
CATALINA FM          1687.00      1663.00     114.00
'B' MARKER           1801.00      1777.00      37.00
WHITEROSE SH (L)     1838.00      1814.00       4.00
HIBERNIA FM          1842.00      1818.00      68.00
  HEBRON WELL MBR     1842.00      1818.00      16.00
  B HEBRON WELL MBR   1858.00      1834.00
FORTUNE BAY SHALE    1910.00      1886.00      66.00
JEANNE D'ARC FM      1976.00      1952.00     294.00
~~~~~
RANKIN FM 2270.00 2246.00 245.00 +
 EGRET MBR 2289.00 2265.00 62.00
 BASE EGRET MBR 2351.00 2327.00
TD 2515.00 2491.00

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NAME: GOLCONDA C-64

TD: 4451 RT: 22.0

UNIT RT SS ISO

WATER BOTTOM 195.00 173.00
BANQUEREAU FM IN CASING
 UNNAMED LIMESTONE 1767.00 1745.00 7.00
 B UNNAMED LIMESTONE 1774.00 1752.00
~~~~~
RANKIN FM        1777.00      1755.00      576.00
  EGRET MBR ?    1777.00      1755.00      95.00
  BASE EGRET MBR 1872.00      1850.00
VOYAGER FM       2353.00      2331.00      702.00
DOWNING FM       3055.00      3033.00      1396.00 +
  WHALE MBR      3707.00      3685.00      95.00
  BASE WHALE MBR 3802.00      3780.00
TD               4451.00      4429.00

```

| -----              |           |          |          |
|--------------------|-----------|----------|----------|
| NAME: HEBRON I-13  |           |          |          |
| TD: 4723           |           | RT: 27.4 |          |
| -----              |           |          |          |
| UNIT               | RT        | SS       | ISO      |
| -----              |           |          |          |
| WATER BOTTOM       | 121.40    | 94.00    |          |
| BANQUEREAU FM      | IN CASING |          |          |
| ~~~~~              |           |          |          |
| SOUTH MARA UNIT    | 1344.00   | 1316.60  | 104.00   |
| ~~~~~              |           |          |          |
| DAWSON CANYON FM   | 1448.00   | 1420.60  | 257.00   |
| PETREL MBR         | 1695.00   | 1667.60  | 5.00     |
| BASE PETREL MBR    | 1700.00   | 1672.60  |          |
| NAUTILUS SHALE     | 1705.00   | 1677.60  | 155.00   |
| ~~~~~              | 1769.00   | 1741.60  |          |
| ~~~~~              |           |          |          |
| BEN NEVIS FM       | 1860.00   | 1832.60  | 66.00    |
| ~~~~~              |           |          |          |
| AVALON FM          | 1926.00   | 1898.60  | 64.00    |
| ~~~~~              |           |          |          |
| EASTERN SHOALS FM  | 1990.00   | 1962.60  | 102.00   |
| WHITEROSE SHALE    | 2092.00   | 2064.60  | 556.00   |
| CATALINA FM        | 2648.00   | 2620.60  | 182.00   |
| 'B' MARKER         | 2830.00   | 2802.60  | 57.00    |
| HIBERNIA FM *      | 2887.00   | 2859.60  | 603.00   |
| HEBRON WELL MBR ** | 2887.00   | 2859.60  | 211.00   |
| B HEBRON WELL MBR  | 3098.00   | 3070.60  |          |
| FORTUNE BAY SHALE  | 3490.00   | 3462.60  | 280.00   |
| JEANNE D'ARC FM    | 3770.00   | 3742.60  | 653.00   |
| ~~~~~              |           |          |          |
| RANKIN FM          | 4423.00   | 4395.60  | 300.00 + |
| TD                 | 4723.00   | 4695.60  |          |

\* Reference section

\*\* Type section

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NAME: HIBERNIA B-08

TD: 4435      RT: 25.9
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      108.90      83.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 1593.00 1567.10 107.00
~~~~~
DAWSON CANYON FM  1700.00     1674.10     400.00
  PETREL MBR      2054.00     2028.10      30.00
  BASE PETREL MBR 2084.00     2058.10
NAUTILUS SHALE   2100.00     2074.10      41.00
~~~~~
 2130.00 2104.10
~~~~~
AVALON FM        2141.00     2115.10      23.00
~~~~~
EASTERN SHOALS FM 2164.00 2138.10 34.00
WHITEROSE SH (U) 2198.00 2172.10 717.00
'A' MARKER 2257.00 2231.10 11.00
BASE 'A' MARKER 2268.00 2242.10
CATALINA FM 2915.00 2889.10 240.00
'B' MARKER 3155.00 3129.10 31.00
WHITEROSE SH (L) 3186.00 3160.10 291.00
HIBERNIA FM 3477.00 3451.10 175.00
FORTUNE BAY SHALE 3652.00 3626.10 196.00
JEANNE D'ARC FM 3848.00 3822.10 587.00 +
TD 4435.00 4409.10

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NAME: HIBERNIA B-27

TD: 4380 RT: 26.8

UNIT RT SS ISO

WATER BOTTOM 107.80 81.00
BANQUEREAU FM IN CASING
~~~~~
  SOUTH MARA UNIT  1412.00     1385.20     64.00
~~~~~
DAWSON CANYON FM 1476.00 1449.20 482.00
 PETREL MBR 1896.00 1869.20 48.00
 BASE PETREL MBR 1944.00 1917.20
NAUTILUS SHALE 1958.00 1931.20 363.00
~~~~~
                    2080.00     2053.20
~~~~~
BEN NEVIS FM 2321.00 2294.20 217.00
~~~~~
AVALON FM        2538.00     2511.20     65.00
~~~~~
EASTERN SHOALS FM 2603.00 2576.20 47.00
WHITEROSE SH (U) 2650.00 2623.20 523.00
'A' MARKER 2695.00 2668.20 13.00
BASE 'A' MARKER 2708.00 2681.20
CATALINA FM 3173.00 3146.20 243.00
'B' MARKER 3416.00 3389.20 42.00
WHITEROSE SH (L) 3458.00 3431.20 323.00
HIBERNIA FM 3781.00 3754.20 179.00
FORTUNE BAY SHALE 3960.00 3933.20 200.00
JEANNE D'ARC FM 4160.00 4133.20 220.00 +
TD 4380.00 4353.20

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NAME: HIBERNIA C-96

TD: 4420 RT: 33.2

UNIT RT SS ISO

WATER BOTTOM 114.20 81.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT  1532.00     1498.80     118.00
~~~~~
DAWSON CANYON FM 1650.00 1616.80 470.00
 PETREL MBR 2073.00 2039.80 18.00
 BASE PETREL MBR 2091.00 2057.80
NAUTILUS SHALE 2120.00 2086.80 110.00
~~~~~
                2213.00     2179.80
~~~~~
BEN NEVIS FM 2230.00 2196.80 77.00
~~~~~
AVALON FM        2307.00     2273.80      46.00
~~~~~
EASTERN SHOALS FM 2353.00 2319.80 30.00
WHITEROSE SH (U) 2383.00 2349.80 767.00
'A' MARKER 2439.00 2405.80 22.00
BASE 'A' MARKER 2461.00 2427.80
CATALINA FM 3150.00 3116.80 287.00
'B' MARKER 3437.00 3403.80 30.00
WHITEROSE SH (L) 3467.00 3433.80 95.00
HIBERNIA FM 3562.00 3528.80 384.00
 HEBRON WELL MBR 3562.00 3528.80 162.00
 B HEBRON WELL MBR 3724.00 3690.80
FORTUNE BAY SHALE 3946.00 3912.80 247.00
JEANNE D'ARC FM 4193.00 4159.80 227.00
TD 4420.00 4386.80

```

| -----               |           |          |         |
|---------------------|-----------|----------|---------|
| NAME: HIBERNIA G-55 |           |          |         |
| TD: 3460            |           | RT: 29.7 |         |
| -----               |           |          |         |
| UNIT                | RT        | SS       | ISO     |
| -----               |           |          |         |
| WATER BOTTOM        | 106.70    | 77.00    |         |
| BANQUEREAU FM       | IN CASING |          |         |
| ~~~~~               |           |          |         |
| SOUTH MARA UNIT     | 1213.00   | 1183.30  | 27.00   |
| ~~~~~               |           |          |         |
| DAWSON CANYON FM    | 1240.00   | 1210.30  | 436.00  |
| PETREL MBR          | 1577.00   | 1547.30  | 87.00   |
| BASE PETREL MBR     | 1664.00   | 1634.30  |         |
| NAUTILUS SHALE      | 1676.00   | 1646.30  | 194.00  |
| ~~~~~               | 1762.00   | 1732.30  |         |
| ~~~~~               |           |          |         |
| BEN NEVIS FM        | 1870.00   | 1840.30  | 489.00  |
| ~~~~~               |           |          |         |
| AVALON FM           | 2359.00   | 2329.30  | 215.00  |
| ~~~~~               |           |          |         |
| EASTERN SHOALS FM * | 2574.00   | 2544.30  | 815.00  |
| ~~~~~               |           |          |         |
| EURYDICE FM ?       | 3389.00   | 3359.30  | 24.00   |
| ~~~~~               |           |          |         |
| BASEMENT **         | 3413.00   | 3383.30  | 47.00 + |
| TD                  | 3460.00   | 3430.30  |         |

\* Reference section

\*\* Undated metasediments

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NAME: HIBERNIA I-46

TD: 3436 RT: 33.2

UNIT RT SS ISO

WATER BOTTOM 112.20 79.00
BANQUEREAU FM IN CASING
~~~~~
  SOUTH MARA UNIT  1269.00     1235.80     39.00
~~~~~
DAWSON CANYON FM 1308.00 1274.80 462.00
 PETREL MBR 1713.00 1679.80 53.00
 BASE PETREL MBR 1766.00 1732.80
NAUTILUS SHALE 1770.00 1736.80 255.00
~~~~~
  1872.00     1838.80
~~~~~
BEN NEVIS FM 2025.00 1991.80 169.00
~~~~~
AVALON FM         2194.00     2160.80     285.00
~~~~~
EASTERN SHOALS FM 2479.00 2445.80 649.00
FAULT 2716.00 2682.80
~~~~~
CATALINA FM ?     3128.00     3094.80     77.00
~~~~~
IROQUOIS FM 3205.00 3171.80 231.00 +
TD 3436.00 3402.80

```

```

NAME: HIBERNIA J-34

TD: 3712 RT: 29.0

UNIT RT SS ISO

WATER BOTTOM 107.00 78.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT  1243.00     1214.00      45.00
~~~~~
DAWSON CANYON FM 1288.00 1259.00 504.00
 PETREL MBR 1716.00 1687.00 70.00
 BASE PETREL MBR 1786.00 1757.00
NAUTILUS SHALE 1792.00 1763.00 321.00
~~~~~
                  1901.00     1872.00
~~~~~
BEN NEVIS FM 2113.00 2084.00 385.00
~~~~~
AVALON FM        2498.00     2469.00     128.00
~~~~~
EASTERN SHOALS FM 2626.00 2597.00 59.00
WHITEROSE SH (U) 2685.00 2656.00 604.00
CATALINA FM 3289.00 3260.00 291.00
'B' MARKER 3580.00 3551.00 50.00
WHITEROSE SH (L) 3630.00 3601.00 82.00 +
TD 3712.00 3683.00

```



| -----               |             |          |           |
|---------------------|-------------|----------|-----------|
| NAME: HIBERNIA K-14 |             |          |           |
| TD: 4462            |             | RT: 33.2 |           |
| -----               |             |          |           |
| UNIT                | RT          | SS       | ISO       |
| -----               |             |          |           |
| WATER BOTTOM        | 113.20      | 80.00    |           |
| BANQUEREAU FM       | IN CASING   |          |           |
| ~~~~~               |             |          |           |
| SOUTH MARA UNIT     | 1338.00     | 1304.80  | 49.00     |
| ~~~~~               |             |          |           |
| DAWSON CANYON FM    | 1387.00     | 1353.80  | 549.00    |
| PETREL MBR          | 1857.00     | 1823.80  | 56.00     |
| BASE PETREL MBR     | 1913.00     | 1879.80  |           |
| NAUTILUS SHALE      | 1936.00     | 1902.80  | 196.00    |
| ~~~~~               | 2044.00     | 2010.80  |           |
| ~~~~~               |             |          |           |
| BEN NEVIS FM        | 2132.00     | 2098.80  | 211.00    |
| ~~~~~               |             |          |           |
| AVALON FM           | 2343.00     | 2309.80  | 80.00     |
| ~~~~~               |             |          |           |
| EASTERN SHOALS FM   | 2423.00     | 2389.80  | 34.00     |
| WHITEROSE SH (U)    | 2457.00     | 2423.80  | 1004.00   |
| 'A' MARKER          | 2529.00     | 2495.80  | 7.00      |
| BASE 'A' MARKER     | 2536.00     | 2502.80  |           |
| CATALINA FM         | 3461.00     | 3427.80  | 58.00 + * |
| FAULT               | 3519.00     | 3485.80  |           |
| 'B' MARKER          | faulted out |          |           |
| WHITEROSE SH (L)    | 3519.00     | 3485.80  | 320.00    |
| HIBERNIA FM         | ** 3839.00  | 3805.80  | 223.00    |
| FORTUNE BAY SHALE   | 4062.00     | 4028.80  | ***       |
| JEANNE D'ARC FM     | NO LOGS     |          |           |
| TD                  | 4462.00     | 4428.80  |           |

\* Not fully represented due to normal fault

\*\* Type section

\*\*\* Lower boundary not logged

```

NAME: HIBERNIA K-18

TD: 5039 RT: 27.4

UNIT RT SS ISO

WATER BOTTOM 105.40 78.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT  1490.00     1462.60     113.00
~~~~~
DAWSON CANYON FM 1603.00 1575.60 432.00
 PETREL MBR 1988.00 1960.60 32.00
 BASE PETREL MBR 2020.00 1992.60
NAUTILUS SHALE 2035.00 2007.60 149.00
~~~~~
                2130.00     2102.60
~~~~~
BEN NEVIS FM 2184.00 2156.60 90.00
~~~~~
AVALON FM        2274.00     2246.60      64.00
~~~~~
EASTERN SHOALS FM 2338.00 2310.60 32.00
WHITEROSE SH (U) 2370.00 2342.60 731.00
'A' MARKER 2422.00 2394.60 13.00
BASE 'A' MARKER 2435.00 2407.60
CATALINA FM 3101.00 3073.60 279.00
'B' MARKER 3380.00 3352.60 34.00
WHITEROSE SH (L) 3414.00 3386.60 272.00
HIBERNIA FM 3686.00 3658.60 173.00
FORTUNE BAY SHALE 3859.00 3831.60 196.00
JEANNE D'ARC FM 4055.00 4027.60 492.00
~~~~~
RANKIN FM        4547.00     4519.60     492.00 +
  EGRET MBR       4819.00     4791.60      88.00
  BASE EGRET MBR  4907.00     4879.60
TD               5039.00     5011.60

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-----
NAME: HIBERNIA O-35

TD: 4788      RT: 24.4
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      104.40      80.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 1268.00 1243.60 42.00
~~~~~
DAWSON CANYON FM  1310.00     1285.60     489.00
  PETREL MBR      1726.00     1701.60     58.00
  BASE PETREL MBR 1784.00     1759.60
NAUTILUS SHALE   1799.00     1774.60     250.00
~~~~~
 1881.00 1856.60
~~~~~
BEN NEVIS FM     2049.00     2024.60     146.00
~~~~~
AVALON FM 2195.00 2170.60 153.00
~~~~~
EASTERN SHOALS FM 2348.00     2323.60     128.00
WHITEROSE SH (U)  2476.00     2451.60     654.00
'A' MARKER        2501.00     2476.60      6.00
BASE 'A' MARKER   2507.00     2482.60
CATALINA FM      * 3130.00     3105.60     170.00
'B' MARKER        3300.00     3275.60     25.00
WHITEROSE SH (L)  3325.00     3300.60     587.00
HIBERNIA FM       3912.00     3887.60     290.00
FORTUNE BAY SHALE 4202.00     4177.60     180.00
JEANNE D'ARC FM   4382.00     4357.60     406.00 +
TD                4788.00     4763.60

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\* Reference section

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NAME: HIBERNIA P-15

TD: 4407      RT: 27.0
-----

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| UNIT              | RT        | SS      | ISO         |
|-------------------|-----------|---------|-------------|
| WATER BOTTOM      | 107.00    | 80.00   |             |
| BANQUEREAU FM     | IN CASING |         |             |
| ~~~~~             |           |         |             |
| SOUTH MARA UNIT   | 1384.00   | 1357.00 | 84.00       |
| ~~~~~             |           |         |             |
| DAWSON CANYON FM  | 1468.00   | 1441.00 | 522.00      |
| PETREL MBR        | 1930.00   | 1903.00 | 40.00       |
| BASE PETREL MBR   | 1970.00   | 1943.00 |             |
| NAUTILUS SHALE    | 1990.00   | 1963.00 | 245.00      |
| ~~~~~             | 2103.00   | 2076.00 |             |
| ~~~~~             |           |         |             |
| BEN NEVIS FM      | 2235.00   | 2208.00 | 176.00      |
| ~~~~~             |           |         |             |
| AVALON FM         | 2411.00   | 2384.00 | 50.00       |
| ~~~~~             |           |         |             |
| EASTERN SHOALS FM | 2461.00   | 2434.00 | 45.00       |
| 'A' MARKER        | * 2506.00 | 2479.00 | 8.00        |
| WHITEROSE SH (U)  | 2514.00   | 2487.00 | 697.00      |
| CATALINA FM       | * 3211.00 | 3184.00 | 207.00      |
| 'B' MARKER        | 3418.00   | 3391.00 | 22.00       |
| WHITEROSE SH (L)  | 3440.00   | 3413.00 | 303.00      |
| HIBERNIA FM       | 3743.00   | 3716.00 | 178.00      |
| FORTUNE BAY SHALE | 3921.00   | 3894.00 | 193.00      |
| JEANNE D'ARC FM   | 4114.00   | 4087.00 | 171.00 + ** |
| FAULT             | 4285.00   | 4258.00 |             |
| RANKIN FM         | 4285.00   | 4258.00 | 122.00 +    |
| TD                | 4407.00   | 4380.00 |             |

\* Type section

\*\* Not fully represented due to normal fault

-----  
 NAME: MARA E-30

TD: 2100            RT: 24.9

| UNIT             | RT        | SS      | ISO      |
|------------------|-----------|---------|----------|
| WATER BOTTOM     | 116.90    | 92.00   |          |
| BANQUEREAU FM    | IN CASING |         |          |
| ~~~~~            |           |         |          |
| SOUTH MARA UNIT  | 1682.00   | 1657.10 | 193.00   |
| ~~~~~            |           |         |          |
| DAWSON CANYON FM | 1875.00   | 1850.10 | 225.00 + |
| TD               | 2100.00   | 2075.10 |          |

| -----                        |           |         |            |
|------------------------------|-----------|---------|------------|
| NAME: MARA M-54              |           |         |            |
| TD: 4446            RT: 24.4 |           |         |            |
| -----                        |           |         |            |
| UNIT                         | RT        | SS      | ISO        |
| -----                        |           |         |            |
| WATER BOTTOM                 | 112.40    | 88.00   |            |
| BANQUEREAU FM                | IN CASING |         |            |
| ~~~~~                        |           |         |            |
| SOUTH MARA UNIT              | 1851.00   | 1826.60 | 221.00     |
| ~~~~~                        |           |         |            |
| DAWSON CANYON FM             | 2072.00   | 2047.60 | 434.00     |
| PETREL MBR                   | 2471.00   | 2446.60 | 19.00      |
| BASE PETREL MBR              | 2490.00   | 2465.60 |            |
| NAUTILUS SHALE               | 2506.00   | 2481.60 | 42.00 + *  |
| FAULT                        | 2548.00   | 2523.60 |            |
| BEN NEVIS FM                 | 2548.00   | 2523.60 | 100.00 + * |
| ~~~~~                        |           |         |            |
| AVALON FM                    | 2648.00   | 2623.60 | 61.00      |
| ~~~~~                        |           |         |            |
| EASTERN SHOALS FM            | 2709.00   | 2684.60 | 58.00      |
| WHITEROSE SHALE              | 2767.00   | 2742.60 | 690.00     |
| 'A' MARKER                   | 2816.00   | 2791.60 | 20.00      |
| BASE 'A' MARKER              | 2836.00   | 2811.60 |            |
| CATALINA FM                  | 3457.00   | 3432.60 | 188.00     |
| 'B' MARKER                   | 3645.00   | 3620.60 | 90.00      |
| HIBERNIA FM                  | 3735.00   | 3710.60 | 631.00     |
| HEBRON WELL MBR              | 3735.00   | 3710.60 | 354.00     |
| B HEBRON WELL MBR            | 4089.00   | 4064.60 |            |
| FORTUNE BAY SHALE            | 4366.00   | 4341.60 | 80.00 +    |
| TD                           | 4446.00   | 4421.60 |            |

\* Not fully represented due to normal fault

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-----
NAME: MERCURY K-76

TD: 5213      RT: 24.4
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      108.40      84.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 1565.00 1540.60 29.00
~~~~~
DAWSON CANYON FM  1594.00     1569.60     281.00
  PETREL MBR      1836.00     1811.60      38.00
  BASE PETREL MBR 1874.00     1849.60
EIDER FM          1875.00     1850.60     487.00
~~~~~
NAUTILUS SHALE 2362.00 2337.60 306.00
~~~~~
BEN NEVIS FM     2668.00     2643.60    1180.00
~~~~~
AVALON FM 3848.00 3823.60 422.00
~~~~~
EASTERN SHOALS FM 4270.00     4245.60     943.00 +
TD               5213.00     5188.60

```

-----  
 NAME: MURRE G-67

TD: 3337

RT: 29.9

| UNIT                                   | RT                 | SS                 | ISO             |
|----------------------------------------|--------------------|--------------------|-----------------|
| WATER BOTTOM<br>BANQUEREAU FM<br>~~~~~ | 94.90<br>IN CASING | 65.00              |                 |
| SOUTH MARA UNIT<br>~~~~~               | 404.00             | 374.10             | 116.00          |
| DAWSON CANYON FM<br>EIDER FM<br>~~~~~  | 520.00<br>840.00   | 490.10<br>810.10   | 320.00<br>67.00 |
| VOYAGER FM                             | 907.00             | 877.10             | 338.00          |
| DOWNING FM                             | * 1245.00          | 1215.10            | 1341.00         |
| WHALE MBR                              | * 1817.00          | 1787.10            | 191.00          |
| BASE WHALE MBR                         | 2008.00            | 1978.10            |                 |
| IROQUOIS FM<br>~~~~~                   | ** 2586.00<br>**   | 2556.10            | 337.00          |
| EURYDICE FM<br>~~~~~                   | 2923.00            | 2893.10            | 232.00          |
| BASEMENT ***<br>TD                     | 3155.00<br>3337.00 | 3125.10<br>3307.10 | 182.00 +        |

\* Type section  
 \*\* Reference section  
 \*\*\* Devonian metasediments



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-----
NAME: NAUTILUS C-92

TD: 5117      RT: 27.4
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      111.40      84.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 1996.00 1968.60 178.00
~~~~~
DAWSON CANYON FM  2174.00     2146.60     494.00
  PETREL MBR      2559.00     2531.60     104.00
  BASE PETREL MBR 2663.00     2635.60
NAUTILUS SHALE   * 2668.00     2640.60     617.00
~~~~~
 2847.00 2819.60
~~~~~
                    3048.00     3020.60
~~~~~
AVALON FM 3285.00 3257.60 60.00
~~~~~
WHITEROSE SH (U) 3345.00     3317.60     521.00
  'A' MARKER      3436.00     3408.60      12.00
  BASE 'A' MARKER 3448.00     3420.60
CATALINA FM      3866.00     3838.60     253.00
  'B' MARKER      4119.00     4091.60      67.00
WHITEROSE SH (L) 4186.00     4158.60     363.00
HIBERNIA FM      4549.00     4521.60      98.00
FORTUNE BAY SHALE 4647.00     4619.60     155.00
JEANNE D'ARC FM  4802.00     4774.60     315.00 +
TD                5117.00     5089.60

```

\* Type section

-----  
 NAME: NORTH BEN NEVIS M-61

TD: 3422

RT: 24.0

| UNIT                                   | RT                  | SS                 | ISO      |
|----------------------------------------|---------------------|--------------------|----------|
| WATER BOTTOM<br>BANQUEREAU FM<br>~~~~~ | 124.00<br>IN CASING | 100.00             |          |
| SOUTH MARA UNIT<br>~~~~~               | 1860.00             | 1836.00            | 212.00   |
| DAWSON CANYON FM                       | 2072.00             | 2048.00            | 205.00   |
| PETREL MBR                             | 2205.00             | 2181.00            | 40.00    |
| BASE PETREL MBR                        | 2245.00             | 2221.00            |          |
| NAUTILUS SHALE<br>~~~~~                | 2277.00<br>2438.00  | 2253.00<br>2414.00 | 317.00   |
| BEN NEVIS FM<br>~~~~~                  | 2594.00             | 2570.00            | 487.00   |
| AVALON FM                              | 3081.00             | 3057.00            | 341.00 + |
| TD                                     | 3422.00             | 3398.00            |          |

-----  
 NAME: NORTH BEN NEVIS P-93

TD: 5282

RT: 22.0

| UNIT              | RT        | SS      | ISO     |
|-------------------|-----------|---------|---------|
| WATER BOTTOM      | 121.00    | 99.00   |         |
| BANQUEREAU FM     | IN CASING |         |         |
| ~~~~~             |           |         |         |
| SOUTH MARA UNIT   | 1923.00   | 1901.00 | 240.00  |
| ~~~~~             |           |         |         |
| DAWSON CANYON FM  | 2163.00   | 2141.00 | 217.00  |
| PETREL MBR        | 2328.00   | 2306.00 | 37.00   |
| BASE PETREL MBR   | 2365.00   | 2343.00 |         |
| NAUTILUS SHALE    | 2380.00   | 2358.00 | 355.00  |
| ~~~~~             | 2542.00   | 2520.00 |         |
| ~~~~~             |           | 2713.00 |         |
| BEN NEVIS FM      | 2735.00   | 2713.00 | 397.00  |
| ~~~~~             |           |         |         |
| AVALON FM         | 3132.00   | 3110.00 | 382.00  |
| ~~~~~             |           |         |         |
| EASTERN SHOALS FM | 3514.00   | 3492.00 | 52.00   |
| WHITEROSE SHALE   | 3566.00   | 3544.00 | 619.00  |
| CATALINA FM       | 4185.00   | 4163.00 | 295.00  |
| 'B' MARKER        | 4480.00   | 4458.00 | 56.00   |
| BASE 'B' MARKER   | 4536.00   | 4514.00 |         |
| HIBERNIA FM       | 4536.00   | 4514.00 | 726.00  |
| HEBRON WELL MBR   | 4536.00   | 4514.00 | 368.00  |
| B HEBRON WELL MBR | 4904.00   | 4882.00 |         |
| FORTUNE BAY SHALE | 5262.00   | 5240.00 | 20.00 + |
| TD                | 5282.00   | 5260.00 |         |

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-----
NAME: NORTH DANA I-43

TD: 5303      RT: 27.4
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      248.40      221.00
BANQUEREAU FM    IN CASING
~~~~~
 SOUTH MARA UNIT 3350.00 3322.60 17.00
~~~~~
WYANDOT FM        3367.00      3339.60      66.00
DAWSON CANYON FM  3433.00      3405.60     139.00
  PETREL MBR       3490.00      3462.60      38.00
  BASE PETREL MBR  3528.00      3500.60
~~~~~
JEANNE D'ARC FM 3572.00 3544.60 202.00
~~~~~
RANKIN FM         3774.00      3746.60     873.00
  EGRET MBR        3883.00      3855.60     117.00
  BASE EGRET MBR   4000.00      3972.60
VOYAGER FM        4647.00      4619.60     656.00 +
TD                5303.00      5275.60

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-----
NAME: NORTH TRINITY H-71

TD: 4758      RT: 23.2
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      121.20      98.00
BANQUEREAU FM    IN CASING
~~~~~
 SOUTH MARA UNIT 1410.00 1386.80 105.00
~~~~~
DAWSON CANYON FM  1515.00     1491.80     135.00
  PETREL MBR      1613.00     1589.80      32.00
  BASE PETREL MBR 1645.00     1621.80
NAUTILUS SHALE   1650.00     1626.80     328.00
~~~~~
 1762.00 1738.80
~~~~~
BEN NEVIS FM     1978.00     1954.80     118.00
~~~~~
AVALON FM 2096.00 2072.80 122.00
~~~~~
EASTERN SHOALS FM 2218.00     2194.80      37.00
WHITEROSE SHALE  2255.00     2231.80     715.00
CATALINA FM      2970.00     2946.80      43.00
'B' MARKER       3013.00     2989.80     110.00
HIBERNIA FM      3123.00     3099.80     452.00
  HEBRON WELL MBR 3123.00     3099.80     140.00
  B HEBRON WELL MBR 3263.00     3239.80
FORTUNE BAY SHALE 3575.00     3551.80     373.00
JEANNE D'ARC FM  3948.00     3924.80     565.00
~~~~~
RANKIN FM 4513.00 4489.80 245.00 +
 EGRET MBR ? 4639.00 4615.80 119.00 +
TD 4758.00 4734.80

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-----  
 NAME: PANTHER P-52

TD: 4203            RT: 22.0

| UNIT                                          | RT                  | SS                 | ISO              |
|-----------------------------------------------|---------------------|--------------------|------------------|
| WATER BOTTOM<br>BANQUEREAU FM<br>~~~~~        | 213.00<br>IN CASING | 191.00             |                  |
| UNNAMED LIMESTONE<br>~~~~~                    | 2642.00             | 2620.00            | 11.00            |
| FORTUNE BAY SHALE<br>JEANNE D'ARC FM<br>~~~~~ | 2653.00<br>2846.00  | 2631.00<br>2824.00 | 193.00<br>295.00 |
| RANKIN FM                                     | 3141.00             | 3119.00            | 649.00           |
| EGRET MBR                                     | 3218.00             | 3196.00            | 73.00            |
| BASE EGRET MBR                                | 3291.00             | 3269.00            |                  |
| VOYAGER FM                                    | 3790.00             | 3768.00            | 413.00 +         |
| TD                                            | 4203.00             | 4181.00            |                  |

```

NAME: PORT AU PORT J-97

TD: 2700 RT: 24.3

UNIT RT SS ISO

WATER BOTTOM 95.30 71.00
BANQUEREAU FM IN CASING
~~~~~
  SOUTH MARA UNIT      683.00      658.70      53.00
~~~~~
DAWSON CANYON FM 736.00 711.70 440.00
EIDER FM 1176.00 1151.70 27.00
~~~~~
NAUTILUS SHALE    1203.00     1178.70      23.00
~~~~~
BEN NEVIS FM 1226.00 1201.70 28.00
~~~~~
AVALON FM         1254.00     1229.70     124.00
~~~~~
EASTERN SHOALS FM 1378.00 1353.70 42.00
WHITEROSE SH (U) 1420.00 1395.70 6.00
CATALINA FM 1426.00 1401.70 20.00
'B' MARKER 1446.00 1421.70 37.00
WHITEROSE SH (L) 1483.00 1458.70 6.00
HIBERNIA FM 1489.00 1464.70 56.00
 HEBRON WELL MBR 1489.00 1464.70 26.00
 B HEBRON WELL MBR 1515.00 1490.70
FORTUNE BAY SHALE 1545.00 1520.70 30.00
JEANNE D'ARC FM 1575.00 1550.70 68.00
~~~~~
RANKIN FM         1643.00     1618.70     855.00
  EGRET MBR        1833.00     1808.70      79.00
  BASE EGRET MBR   1912.00     1887.70
VOYAGER FM        2498.00     2473.70     202.00 +
TD                2700.00     2675.70

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-----
NAME: RANKIN M-36

TD: 3967      RT: 26.8
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      98.80      72.00
BANQUEREAU FM    IN CASING
~~~~~
 SOUTH MARA UNIT 1011.00 984.20 52.00
~~~~~
DAWSON CANYON FM  1063.00    1036.20    519.00
  PETREL MBR      1447.00    1420.20    129.00
  BASE PETREL MBR 1576.00    1549.20
EIDER FM          * 1582.00    1555.20    148.00
~~~~~
NAUTILUS SHALE 1730.00 1703.20 303.00
~~~~~
BEN NEVIS FM      2033.00    2006.20    133.00
~~~~~
FORTUNE BAY SHALE 2166.00 2139.20 67.00
JEANNE D'ARC FM 2233.00 2206.20 153.00
~~~~~
RANKIN FM         ** 2386.00    2359.20    758.00
  EGRET MBR       ** 2436.00    2409.20     55.00
  BASE EGRET MBR  2491.00    2464.20
VOYAGER FM        ** 3144.00    3117.20    608.00
DOWNING FM        3752.00    3725.20    215.00 +
TD                3967.00    3940.20

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\* Reference section

\*\* Type section



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-----
NAME: SOUTH MARA C-13

TD: 5035      RT: 25.0
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      122.00      97.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 1862.00 1837.00 118.00
~~~~~
DAWSON CANYON FM  1980.00     1955.00     278.00
  PETREL MBR      2186.00     2161.00      64.00
  BASE PETREL MBR 2250.00     2225.00
NAUTILUS SHALE   2258.00     2233.00     424.00
~~~~~
 2437.00 2412.00
~~~~~
BEN NEVIS FM     2682.00     2657.00     276.00
~~~~~
AVALON FM 2958.00 2933.00 174.00
~~~~~
EASTERN SHOALS FM 3132.00     3107.00      48.00
WHITEROSE SHALE  3180.00     3155.00     504.00
'A' MARKER       3226.00     3201.00      14.00
BASE 'A' MARKER  3240.00     3215.00
CATALINA FM      3684.00     3659.00     239.00
'B' MARKER       3923.00     3898.00      51.00
HIBERNIA FM      3974.00     3949.00     635.00
  HEBRON WELL MBR 3974.00     3949.00     305.00
  B HEBRON WELL MBR 4279.00     4254.00
FORTUNE BAY SHALE 4609.00     4584.00     205.00
JEANNE D'ARC FM  4814.00     4789.00     221.00 +
TD               5035.00     5010.00

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-----
NAME: SOUTH TEMPEST G-88

TD: 4675      RT: 26.8
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      184.80      158.00
BANQUEREAU FM    IN CASING
~~~~~
 SOUTH MARA UNIT 2602.00 2575.20 70.00
~~~~~
UNNAMED LIMESTONE  2672.00     2645.20     22.00
~~~~~
WHITEROSE SHALE 2694.00 2667.20 449.00
FORTUNE BAY SHALE 3143.00 3116.20 94.00
JEANNE D'ARC FM 3237.00 3210.20 292.00
~~~~~
RANKIN FM         3529.00     3502.20     776.00
  EGRET MBR       3730.00     3703.20     84.00
  BASE EGRET MBR  3814.00     3787.20
VOYAGER FM        4305.00     4278.20     370.00 +
TD                4675.00     4648.20

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-----  
 NAME: SPOONBILL C-30

TD: 2757

RT: 29.9

| UNIT                                   | RT                 | SS      | ISO      |
|----------------------------------------|--------------------|---------|----------|
| WATER BOTTOM<br>BANQUEREAU FM<br>~~~~~ | 94.90<br>IN CASING | 65.00   |          |
| SOUTH MARA UNIT<br>~~~~~               | 424.00             | 394.10  | 58.00    |
| DAWSON CANYON FM                       | 482.00             | 452.10  | 414.00   |
| PETREL MBR                             | 875.00             | 845.10  | 11.00    |
| BASE PETREL MBR                        | 886.00             | 856.10  |          |
| EIDER FM<br>~~~~~                      | 896.00             | 866.10  | 15.00    |
| IROQUOIS FM                            | 911.00             | 881.10  | 352.00   |
| ARGO FM<br>~~~~~                       | * 1263.00          | 1233.10 | 251.00   |
| BASALT<br>~~~~~                        | 1514.00            | 1484.10 | 51.00    |
| TONGUE OF EURYDICE FM                  | 1565.00            | 1535.10 | 87.00    |
| OSPREY FM<br>~~~~~                     | * 1652.00          | 1622.10 | 882.00   |
| EURYDICE FM                            | 2534.00            | 2504.10 | 98.00    |
| BASEMENT **                            | 2632.00            | 2602.10 | 125.00 + |
| TD                                     | 2757.00            | 2727.10 |          |

\* Reference section

\*\* Undated low-grade metasediments

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-----
NAME: TERRA NOVA C-09

TD: 3640      RT: 24.1
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      117.10      93.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 1119.00 1094.90 139.00
~~~~~
DAWSON CANYON FM  1258.00     1233.90     197.00
  PETREL MBR      1409.00     1384.90      45.00
  BASE PETREL MBR 1454.00     1429.90
EIDER FM          1455.00     1430.90      65.00
~~~~~
NAUTILUS SHALE 1520.00 1495.90 62.00
~~~~~
BEN NEVIS FM      1582.00     1557.90      75.00
~~~~~
AVALON FM 1657.00 1632.90 93.00
~~~~~
EASTERN SHOALS FM 1750.00     1725.90     140.00
WHITEROSE SHALE  1890.00     1865.90     366.00
CATALINA FM      2256.00     2231.90     129.00
'B' MARKER       2385.00     2360.90     104.00
HIBERNIA FM      2489.00     2464.90     509.00
  HEBRON WELL MBR 2489.00     2464.90     138.00
  B HEBRON WELL MBR 2627.00     2602.90
FORTUNE BAY SHALE 2998.00     2973.90     190.00
JEANNE D'ARC FM  3188.00     3163.90     368.00
~~~~~
RANKIN FM 3556.00 3531.90 84.00 +
TD 3640.00 3615.90

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NAME: TERRA NOVA E-79

TD: 3605 RT: 24.1

UNIT RT SS ISO

WATER BOTTOM 120.10
BANQUEREAU FM IN CASING
~~~~~
  SOUTH MARA UNIT  1325.00    1300.90     95.00
~~~~~
DAWSON CANYON FM 1420.00 1395.90 147.00
 PETREL MBR 1543.00 1518.90 22.00
 BASE PETREL MBR 1565.00 1540.90
NAUTILUS SHALE 1567.00 1542.90 221.00
~~~~~
  1650.00    1625.90
~~~~~
BEN NEVIS FM 1788.00 1763.90 89.00
~~~~~
AVALON FM        1877.00    1852.90    130.00
~~~~~
EASTERN SHOALS FM 2007.00 1982.90 129.00
WHITEROSE SHALE 2136.00 2111.90 363.00
CATALINA FM 2499.00 2474.90 101.00
'B' MARKER 2600.00 2575.90 101.00
HIBERNIA FM 2701.00 2676.90 191.00 + *
 HEBRON WELL MBR 2701.00 2676.90 31.00 + *
 B HEBRON WELL MBR 2732.00 2707.90
FAULT 2732.00 2707.90
FORTUNE BAY SHALE 2892.00 2867.90 233.00
JEANNE D'ARC FM 3125.00 3100.90 370.00
~~~~~
RANKIN FM        3495.00    3470.90    110.00 +
TD               3605.00    3580.90

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\* Not fully represented due to normal fault

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-----
NAME: TERRA NOVA H-99

TD: 3510      RT: 23.6
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      117.60      94.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 1243.00 1219.40 99.00
~~~~~
DAWSON CANYON FM  1342.00     1318.40     168.00
  PETREL MBR      1474.00     1450.40     33.00
  BASE PETREL MBR 1507.00     1483.40
EIDER FM          1510.00     1486.40     74.00
~~~~~
NAUTILUS SHALE 1584.00 1560.40 92.00
~~~~~
BEN NEVIS FM     1676.00     1652.40     88.00
~~~~~
AVALON FM 1764.00 1740.40 80.00
~~~~~
EASTERN SHOALS FM 1844.00     1820.40     117.00
WHITEROSE SHALE  1961.00     1937.40     386.00
CATALINA FM      2347.00     2323.40     96.00
'B' MARKER       2443.00     2419.40     103.00
HIBERNIA FM      2546.00     2522.40     354.00
  HEBRON WELL MBR 2546.00     2522.40     139.00
  B HEBRON WELL MBR 2685.00     2661.40
FORTUNE BAY SHALE 2900.00     2876.40     172.00
JEANNE D'ARC FM  3072.00     3048.40     389.00
~~~~~
RANKIN FM 3461.00 3437.40 49.00 +
TD 3510.00 3486.40

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NAME: TERRA NOVA I-97

TD: 3465 RT: 23.3

UNIT RT SS ISO

WATER BOTTOM 116.30 93.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT  1189.00     1165.70     121.00
~~~~~
DAWSON CANYON FM 1310.00 1286.70 171.00
 PETREL MBR 1437.00 1413.70 42.00
 BASE PETREL MBR 1479.00 1455.70
EIDER FM 1481.00 1457.70 74.00
~~~~~
NAUTILUS SHALE   1555.00     1531.70     137.00
~~~~~
BEN NEVIS FM 1692.00 1668.70 98.00
~~~~~
AVALON FM        1790.00     1766.70     175.00
~~~~~
EASTERN SHOALS FM 1965.00 1941.70 106.00
WHITEROSE SHALE 2071.00 2047.70 223.00
CATALINA FM 2294.00 2270.70 102.00
'B' MARKER 2396.00 2372.70 92.00
HIBERNIA FM 2488.00 2464.70 385.00
 HEBRON WELL MBR 2488.00 2464.70 136.00
 B HEBRON WELL MBR 2624.00 2600.70
FORTUNE BAY SHALE 2873.00 2849.70 207.00
JEANNE D'ARC FM 3080.00 3056.70 305.00
~~~~~
RANKIN FM        3385.00     3361.70      80.00 +
TD               3465.00     3441.70

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-----
NAME: TERRA NOVA K-07

TD: 3550      RT: 23.0
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      115.00      92.00
BANQUEREAU FM    IN CASING
~~~~~
 SOUTH MARA UNIT 1086.00 1063.00 143.00
~~~~~
DAWSON CANYON FM  1229.00     1206.00     205.00
  PETREL MBR      1380.00     1357.00      51.00
  BASE PETREL MBR 1431.00     1408.00
EIDER FM         1434.00     1411.00      67.00
~~~~~
NAUTILUS SHALE 1501.00 1478.00 78.00
~~~~~
BEN NEVIS FM     1579.00     1556.00      64.00
~~~~~
AVALON FM 1643.00 1620.00 116.00
~~~~~
EASTERN SHOALS FM 1759.00     1736.00     107.00
WHITEROSE SHALE  1866.00     1843.00     378.00
CATALINA FM      2244.00     2221.00     119.00
'B' MARKER       2363.00     2340.00     100.00
HIBERNIA FM      2463.00     2440.00     461.00
  HEBRON WELL MBR 2463.00     2440.00     149.00
  B HEBRON WELL MBR 2912.00     2889.00
FORTUNE BAY SHALE 2924.00     2901.00     190.00
JEANNE D'ARC FM   3114.00     3091.00     308.00
~~~~~
RANKIN FM 3422.00 3399.00 128.00 +
TD 3550.00 3527.00

```



```

NAME: TERRA NOVA K-08

TD: 4500 RT: 25.0

UNIT RT SS ISO

WATER BOTTOM 119.00 94.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT  1111.00     1086.00     134.00
~~~~~
DAWSON CANYON FM 1245.00 1220.00 199.00
 PETREL MBR 1393.00 1368.00 48.00
 BASE PETREL MBR 1441.00 1416.00
EIDER FM 1444.00 1419.00 61.00
~~~~~
NAUTILUS SHALE   1505.00     1480.00      77.00
~~~~~
BEN NEVIS FM 1582.00 1557.00 74.00
~~~~~
AVALON FM        1656.00     1631.00     118.00
~~~~~
EASTERN SHOALS FM 1774.00 1749.00 121.00
WHITEROSE SHALE 1895.00 1870.00 369.00
CATALINA FM * 2264.00 2239.00 121.00
'B' MARKER 2385.00 2360.00 98.00
HIBERNIA FM 2483.00 2458.00 491.00
 HEBRON WELL MBR 2483.00 2458.00 167.00
 B HEBRON WELL MBR 2650.00 2625.00
FORTUNE BAY SHALE 2974.00 2949.00 214.00
JEANNE D'ARC FM 3188.00 3163.00 360.00
~~~~~
RANKIN FM        3548.00     3523.00     738.00
  EGRET MBR       3641.00     3616.00     149.00
  BASE EGRET MBR  3790.00     3765.00
VOYAGER FM       4286.00     4261.00     214.00 +
TD               4500.00     4475.00

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\* Reference section

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NAME: TERRA NOVA K-17

TD: 3250      RT: 24.0
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      116.00      92.00
BANQUEREAU FM    IN CASING
~~~~~
 SOUTH MARA UNIT 1075.00 1051.00 117.00
~~~~~
DAWSON CANYON FM  1192.00     1168.00     229.00
  PETREL MBR      1364.00     1340.00      56.00
  BASE PETREL MBR 1420.00     1396.00
EIDER FM         1421.00     1397.00      59.00
~~~~~
NAUTILUS SHALE 1480.00 1456.00 62.00
~~~~~
BEN NEVIS FM     1542.00     1518.00      55.00
~~~~~
AVALON FM 1597.00 1573.00 101.00
~~~~~
EASTERN SHOALS FM 1698.00     1674.00      37.00
WHITEROSE SHALE  1735.00     1711.00     330.00
CATALINA FM      2065.00     2041.00     105.00
'B' MARKER       2170.00     2146.00      88.00
HIBERNIA FM      2258.00     2234.00     420.00
  HEBRON WELL MBR 2258.00     2234.00     125.00
  B HEBRON WELL MBR 2383.00     2359.00
FORTUNE BAY SHALE 2678.00     2654.00     210.00
JEANNE D'ARC FM   2888.00     2864.00     290.00
~~~~~
RANKIN FM 3178.00 3154.00 72.00 +
TD 3250.00 3226.00

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| -----                 |           |          |          |
|-----------------------|-----------|----------|----------|
| NAME: TERRA NOVA K-18 |           |          |          |
| TD: 3926              |           | RT: 24.4 |          |
| -----                 |           |          |          |
| UNIT                  | RT        | SS       | ISO      |
| -----                 |           |          |          |
| WATER BOTTOM          | 115.40    | 91.00    |          |
| BANQUEREAU FM         | IN CASING |          |          |
| ~~~~~                 |           |          |          |
| SOUTH MARA UNIT       | 1100.00   | 1075.60  | 117.00   |
| ~~~~~                 |           |          |          |
| DAWSON CANYON FM      | 1227.00   | 1202.60  | 233.00   |
| PETREL MBR            | 1404.00   | 1379.60  | 54.00    |
| BASE PETREL MBR       | 1458.00   | 1433.60  |          |
| EIDER FM              | 1460.00   | 1435.60  | 61.00    |
| ~~~~~                 |           |          |          |
| NAUTILUS SHALE        | 1521.00   | 1496.60  | 69.00    |
| ~~~~~                 |           |          |          |
| BEN NEVIS FM          | 1590.00   | 1565.60  | 75.00    |
| ~~~~~                 |           |          |          |
| AVALON FM             | 1665.00   | 1640.60  | 135.00   |
| ~~~~~                 |           |          |          |
| EASTERN SHOALS FM     | 1800.00   | 1775.60  | 128.00   |
| WHITEROSE SHALE       | 1928.00   | 1903.60  | 276.00   |
| CATALINA FM           | 2204.00   | 2179.60  | 101.00   |
| 'B' MARKER            | 2305.00   | 2280.60  | 66.00    |
| HIBERNIA FM           | 2371.00   | 2346.60  | 469.00   |
| HEBRON WELL MBR       | 2371.00   | 2346.60  | 139.00   |
| B HEBRON WELL MBR     | 2510.00   | 2485.60  |          |
| FORTUNE BAY SHALE     | * 2840.00 | 2815.60  | 210.00   |
| JEANNE D'ARC FM       | * 3050.00 | 3025.60  | 363.00   |
| ~~~~~                 |           |          |          |
| RANKIN FM             | 3413.00   | 3388.60  | 513.00 + |
| EGRET MBR             | 3635.00   | 3610.60  | 155.00   |
| BASE EGRET MBR        | 3790.00   | 3765.60  |          |
| TD                    | 3926.00   | 3901.60  |          |

\* Type section

-----  
 NAME: TRAVE E-87

TD: 3988

RT: 27.0

| UNIT              | RT        | SS      | ISO      |
|-------------------|-----------|---------|----------|
| WATER BOTTOM      | 165.00    | 138.00  |          |
| BANQUEREAU FM     | IN CASING |         |          |
| ~~~~~             |           |         |          |
| SOUTH MARA UNIT   | 2112.00   | 2085.00 | 27.00    |
| ~~~~~             |           |         |          |
| HIBERNIA FM       | 2139.00   | 2112.00 | 381.00   |
| FORTUNE BAY SHALE | 2520.00   | 2493.00 | 217.00   |
| JEANNE D'ARC FM   | 2737.00   | 2710.00 | 107.00   |
| ~~~~~             |           |         |          |
| RANKIN FM         | * 2844.00 | 2817.00 | 931.00   |
| EGRET MBR         | * 3046.00 | 3019.00 | 74.00    |
| BASE EGRET MBR    | 3120.00   | 3093.00 |          |
| VOYAGER FM        | 3775.00   | 3748.00 | 213.00 + |
| TD                | 3988.00   | 3961.00 |          |

\* Reference section

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NAME: VOYAGER J-18

TD: 3744 RT: 27.4

UNIT RT SS ISO

WATER BOTTOM 128.40 101.00
BANQUEREAU FM IN CASING
~~~~~
SOUTH MARA UNIT   1299.00     1271.60     102.00
~~~~~
AVALON FM 1401.00 1373.60 67.00
~~~~~
EASTERN SHOALS FM 1468.00     1440.60     117.00
CATALINA FM       1585.00     1557.60     42.00
'B' MARKER        1627.00     1599.60     48.00
HIBERNIA FM       1675.00     1647.60     366.00
  HEBRON WELL MBR 1675.00     1647.60     139.00
  B HEBRON WELL MBR 1814.00     1786.60
FORTUNE BAY SHALE 2041.00     2013.60     236.00
JEANNE D'ARC FM   2277.00     2249.60     236.00
~~~~~
RANKIN FM 2513.00 2485.60 733.00
~~~~~
  2597.00     2569.60
  EGRET MBR       2712.00     2684.60     100.00
  BASE EGRET MBR 2812.00     2784.60
VOYAGER FM        * 3246.00     3218.60     498.00 +
TD                3744.00     3716.60

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\* Reference section

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NAME: WEST BEN NEVIS B-75

TD: 4987      RT: 25.0
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      121.00      96.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 1482.00 1457.00 57.00
~~~~~
DAWSON CANYON FM  1539.00     1514.00     188.00
  PETREL MBR      1698.00     1673.00      16.00
  BASE PETREL MBR 1714.00     1689.00
NAUTILUS SHALE   1727.00     1702.00     272.00
~~~~~
 1845.00 1820.00
~~~~~
BEN NEVIS FM     1999.00     1974.00     222.00
~~~~~
AVALON FM 2221.00 2196.00 170.00
~~~~~
EASTERN SHOALS FM 2391.00     2366.00     101.00
WHITEROSE SHALE  2492.00     2467.00     793.00
CATALINA FM      3285.00     3260.00      43.00
'B' MARKER       3328.00     3303.00      42.00
HIBERNIA FM      3370.00     3345.00     663.00
  HEBRON WELL MBR 3370.00     3345.00     315.00
  B HEBRON WELL MBR 3685.00     3660.00
FORTUNE BAY SHALE 4033.00     4008.00     317.00
JEANNE D'ARC FM  4350.00     4325.00     590.00
~~~~~
RANKIN FM 4940.00 4915.00 47.00 +
TD 4987.00 4962.00

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-----  
 NAME: WEST FLYING FOAM L-23

TD: 4554            RT: 26.8

| UNIT             | RT        | SS      | ISO      |
|------------------|-----------|---------|----------|
| WATER BOTTOM     | 118.80    | 92.00   |          |
| BANQUEREAU FM    | IN CASING |         |          |
| ~~~~~            |           |         |          |
| SOUTH MARA UNIT  | 2407.00   | 2380.20 | 89.00    |
| ~~~~~            |           |         |          |
| DAWSON CANYON FM | 2496.00   | 2469.20 | 20.00    |
| NAUTILUS SHALE   | 2516.00   | 2489.20 | 574.00   |
| ~~~~~            | 2570.00   | 2543.20 |          |
| ~~~~~            |           |         |          |
| AVALON FM        | 3090.00   | 3063.20 | 99.00    |
| ~~~~~            |           |         |          |
| WHITEROSE SHALE  | 3189.00   | 3162.20 | 571.00   |
| CATALINA FM      | 3760.00   | 3733.20 | 794.00 + |
| TD               | 4554.00   | 4527.20 |          |

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NAME: WHITEROSE A-90
TD: 3025 RT: 23.0

UNIT RT SS ISO

WATER BOTTOM 151.00
BANQUEREAU FM IN CASING
~~~~~
  SOUTH MARA UNIT  2189.00    2166.00     68.00
~~~~~
WYANDOT FM 2257.00 2234.00 77.00
~~~~~
NAUTILUS SHALE   2334.00    2311.00    281.00
~~~~~
 2476.00 2453.00
~~~~~
BEN NEVIS FM     2615.00    2592.00    155.00
~~~~~
AVALON FM 2770.00 2747.00 103.00
~~~~~
EASTERN SHOALS FM 2873.00    2850.00     9.00
~~~~~
RANKIN FM 2882.00 2859.00 143.00 +
 EGRET MBR ? 2882.00 2859.00 143.00 +
TD 3025.00 3002.00

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NAME: WHITEROSE E-09

TD: 3970 RT: 22.0

UNIT RT SS ISO

WATER BOTTOM 146.00
BANQUEREAU FM IN CASING
~~~~~
  SOUTH MARA UNIT 2308.00    2286.00     58.00
~~~~~
WYANDOT FM 2366.00 2344.00 105.00
~~~~~
NAUTILUS SHALE   2471.00    2449.00    349.00
~~~~~
 2628.00 2606.00
~~~~~
BEN NEVIS FM     2820.00    2798.00    223.00
~~~~~
AVALON FM 3043.00 3021.00 126.00
~~~~~
EASTERN SHOALS FM 3169.00    3147.00    231.00
WHITEROSE SHALE  3400.00    3378.00     56.00
HIBERNIA FM      3456.00    3434.00    283.00
FORTUNE BAY SHALE 3739.00    3717.00     62.00
JEANNE D'ARC FM  3801.00    3779.00    169.00 +
TD               3970.00    3948.00

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-----  
 NAME: WHITEROSE J-49

TD: 4563

RT: 22.9

| UNIT                                   | RT                  | SS                 | ISO      |
|----------------------------------------|---------------------|--------------------|----------|
| WATER BOTTOM<br>BANQUEREAU FM<br>~~~~~ | 138.90<br>IN CASING | 116.00             |          |
| SOUTH MARA UNIT<br>~~~~~               | 2346.00             | 2323.10            | 61.00    |
| WYANDOT FM                             | 2407.00             | 2384.10            | 31.00    |
| DAWSON CANYON FM                       | 2438.00             | 2415.10            | 69.00    |
| PETREL MBR                             | 2462.00             | 2439.10            | 38.00    |
| BASE PETREL MBR                        | 2500.00             | 2477.10            |          |
| NAUTILUS SHALE<br>~~~~~                | 2507.00<br>2683.00  | 2484.10<br>2660.10 | 449.00   |
| BEN NEVIS FM<br>~~~~~                  | 2956.00             | 2933.10            | 138.00   |
| AVALON FM<br>~~~~~                     | 3094.00             | 3071.10            | 143.00   |
| EASTERN SHOALS FM                      | 3237.00             | 3214.10            | 22.00    |
| WHITEROSE SH (U)                       | 3259.00             | 3236.10            | 440.00   |
| 'B' MARKER                             | 3699.00             | 3676.10            | 19.00    |
| WHITEROSE SH (L)                       | 3718.00             | 3695.10            | 223.00   |
| HIBERNIA FM                            | 3941.00             | 3918.10            | 508.00   |
| FORTUNE BAY SHALE                      | 4449.00             | 4426.10            | 114.00 + |
| TD                                     | 4563.00             | 4540.10            |          |

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-----
NAME: WHITEROSE L-61

TD: 3340      RT: 23.0
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      137.00      114.00
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 2442.00 2419.00 94.00
~~~~~
WYANDOT FM        2536.00     2513.00      68.00
DAWSON CANYON FM  2604.00     2581.00      46.00
  PETREL MBR      2617.00     2594.00      19.00
  BASE PETREL MBR 2636.00     2613.00
EIDER FM          2650.00     2627.00     155.00
~~~~~
NAUTILUS SHALE 2805.00 2782.00 59.00
~~~~~
BEN NEVIS FM      2864.00     2841.00     143.00
~~~~~
AVALON FM 3007.00 2984.00 97.00
~~~~~
EASTERN SHOALS FM 3104.00     3081.00     236.00 +
TD                3340.00     3317.00

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-----
NAME: WHITEROSE N-22

TD: 4634      RT: 27.4
-----
UNIT          RT          SS          ISO
-----
WATER BOTTOM      149.40
BANQUEREAU FM    IN CASING
~~~~~
SOUTH MARA UNIT 2332.00 2304.60 47.00
~~~~~
WYANDOT FM        2379.00      2351.60        8.00
DAWSON CANYON FM  2387.00      2359.60       58.00
  PETREL MBR      2415.00      2387.60       21.00
  BASE PETREL MBR 2436.00      2408.60
NAUTILUS SHALE   2445.00      2417.60     130.00
~~~~~
 2482.00 2454.60
~~~~~
BEN NEVIS FM      2575.00      2547.60       86.00
~~~~~
AVALON FM 2661.00 2633.60 39.00
~~~~~
EASTERN SHOALS FM 2700.00      2672.60        28.00
WHITEROSE SH (U)  * 2728.00      2700.60     357.00
'A' MARKER        2821.00      2793.60       26.00
BASE 'A' MARKER   2847.00      2819.60
'B' MARKER        3085.00      3057.60       15.00
WHITEROSE SH (L)  * 3100.00      3072.60     257.00
HIBERNIA FM       3357.00      3329.60     415.00
FORTUNE BAY SHALE 3772.00      3744.60     168.00
JEANNE D'ARC FM   3940.00      3912.60       65.00
~~~~~
RANKIN FM 4005.00 3977.60 279.00
 EGRET MBR ERODED
VOYAGER FM 4284.00 4256.60 350.00 +
TD 4634.00 4606.60

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\* Type section

**PART II**

**LITHOSTRATIGRAPHIC UNIT OCCURRENCES IN WELLS**

-----  
 Unit: SOUTH MARA UNIT

| Well Name            | RT      | SS      | ISO    |
|----------------------|---------|---------|--------|
| ADOLPHUS 2K-41       | 2316.00 | 2284.60 | 65.00  |
| ADOLPHUS D-50        | 2596.00 | 2566.10 | 63.00  |
| ARCHER K-19          | 1908.00 | 1884.70 | 21.00  |
| BEN NEVIS I-45       | 1694.00 | 1665.20 | 65.00  |
| BEOTHUK M-05         | 1049.00 | 1025.20 | 131.00 |
| BONNE BAY C-73       | NO LOGS |         |        |
| CONQUEST K-09        | 3225.00 | 3202.10 | 73.00  |
| CORMORANT N-83       | 381.00  | 351.10  | 76.00  |
| EGRET K-36           | 734.00  | 704.10  | 49.00  |
| EGRET N-46           | 701.00  | 671.10  | 34.00  |
| FORTUNE G-57         | 1829.00 | 1806.30 | 52.00  |
| GAMBO N-70           | 888.00  | 864.00  | 115.00 |
| HEBRON I-13          | 1344.00 | 1316.60 | 104.00 |
| HIBERNIA B-08        | 1593.00 | 1567.10 | 107.00 |
| HIBERNIA B-27        | 1412.00 | 1385.20 | 64.00  |
| HIBERNIA C-96        | 1532.00 | 1498.80 | 118.00 |
| HIBERNIA G-55        | 1213.00 | 1183.30 | 27.00  |
| HIBERNIA I-46        | 1269.00 | 1235.80 | 39.00  |
| HIBERNIA J-34        | 1243.00 | 1214.00 | 45.00  |
| HIBERNIA K-14        | 1338.00 | 1304.80 | 49.00  |
| HIBERNIA K-18        | 1490.00 | 1462.60 | 113.00 |
| HIBERNIA O-35        | 1268.00 | 1243.60 | 42.00  |
| HIBERNIA P-15        | 1384.00 | 1357.00 | 84.00  |
| MARA E-30            | 1682.00 | 1657.10 | 193.00 |
| MARA M-54            | 1851.00 | 1826.60 | 221.00 |
| MERCURY K-76         | 1565.00 | 1540.60 | 29.00  |
| MURRE G-67           | 404.00  | 374.10  | 116.00 |
| NAUTILUS C-92        | 1996.00 | 1968.60 | 178.00 |
| NORTH BEN NEVIS M-61 | 1860.00 | 1836.00 | 212.00 |
| NORTH BEN NEVIS P-93 | 1923.00 | 1901.00 | 240.00 |
| NORTH DANA I-43      | 3350.00 | 3322.60 | 17.00  |
| NORTH TRINITY H-71   | 1410.00 | 1386.80 | 105.00 |
| PORT AU PORT J-97    | 683.00  | 658.70  | 53.00  |
| RANKIN M-36          | 1011.00 | 984.20  | 52.00  |
| SOUTH MARA C-13      | 1862.00 | 1837.00 | 118.00 |
| SOUTH TEMPEST G-88   | 2602.00 | 2575.20 | 70.00  |
| SPOONBILL C-30       | 424.00  | 394.10  | 58.00  |
| TERRA NOVA C-09      | 1119.00 | 1094.90 | 139.00 |
| TERRA NOVA E-79      | 1325.00 | 1300.90 | 95.00  |
| TERRA NOVA H-99      | 1243.00 | 1219.40 | 99.00  |
| TERRA NOVA I-97      | 1189.00 | 1165.70 | 121.00 |
| TERRA NOVA K-07      | 1086.00 | 1063.00 | 143.00 |
| TERRA NOVA K-08      | 1111.00 | 1086.00 | 134.00 |
| TERRA NOVA K-17      | 1075.00 | 1051.00 | 117.00 |
| TERRA NOVA K-18      | 1100.00 | 1075.60 | 117.00 |
| TRAVE E-87           | 2112.00 | 2085.00 | 27.00  |
| VOYAGER J-18         | 1299.00 | 1271.60 | 102.00 |

(con't)

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Unit: SOUTH MARA UNIT (con't)

| Well Name           | RT      | SS      | ISO   |
|---------------------|---------|---------|-------|
| W. FLYING FOAM L-23 | 2407.00 | 2380.20 | 89.00 |
| WEST BEN NEVIS B-75 | 1482.00 | 1457.00 | 57.00 |
| WHITEROSE A-90      | 2189.00 | 2166.00 | 68.00 |
| WHITEROSE E-09      | 2308.00 | 2286.00 | 58.00 |
| WHITEROSE J-49      | 2346.00 | 2323.10 | 61.00 |
| WHITEROSE L-61      | 2442.00 | 2419.00 | 94.00 |
| WHITEROSE N-22      | 2332.00 | 2304.60 | 47.00 |

-----  
Unit: WYANDOT FM

| Well Name       | RT      | SS      | ISO    |
|-----------------|---------|---------|--------|
| ADOLPHUS 2K-41  | 2381.00 | 2349.60 | 51.00  |
| ADOLPHUS D-50   | 2659.00 | 2629.10 | 252.00 |
| BONANZA M-71    | 3407.00 | 3380.20 | 53.00  |
| CONQUEST K-09   | 3298.00 | 3275.10 | 215.00 |
| DOMINION O-23   | 3133.00 | 3103.10 | 40.00  |
| NORTH DANA I-43 | 3367.00 | 3339.60 | 66.00  |
| WHITEROSE A-90  | 2257.00 | 2234.00 | 77.00  |
| WHITEROSE E-09  | 2366.00 | 2344.00 | 105.00 |
| WHITEROSE J-49  | 2407.00 | 2384.10 | 31.00  |
| WHITEROSE L-61  | 2536.00 | 2513.00 | 68.00  |
| WHITEROSE N-22  | 2379.00 | 2351.60 | 8.00   |



-----  
 Unit: DAWSON CANYON FM

| Well Name            | RT      | SS      | ISO            |
|----------------------|---------|---------|----------------|
| ADOLPHUS 2K-41       | 2432.00 | 2400.60 | 146.00         |
| ADOLPHUS D-50        | 2911.00 | 2881.10 | 192.00         |
| ARCHER K-19          | 1929.00 | 1905.70 | 45.00          |
| BEN NEVIS I-45       | 1759.00 | 1730.20 | 164.00         |
| BEOTHUK M-05         | 1180.00 | 1156.20 | 213.00         |
| BONNE BAY C-73       | NO LOGS |         |                |
| CONQUEST K-09        | 3513.00 | 3490.10 | 205.00         |
| CORMORANT N-83       | 457.00  | 427.10  | 345.00         |
| EGRET K-36           | 783.00  | 753.10  | 468.00         |
| EGRET N-46           | 735.00  | 705.10  | 435.00         |
| FORTUNE G-57         | 1881.00 | 1858.30 | 204.00         |
| GAMBO N-70           | 1003.00 | 979.00  | 247.00         |
| HARE BAY E-21        | 3205.00 | 3180.80 | 196.00         |
| HEBRON I-13          | 1448.00 | 1420.60 | 257.00         |
| HIBERNIA B-08        | 1700.00 | 1674.10 | 400.00         |
| HIBERNIA B-27        | 1476.00 | 1449.20 | 482.00         |
| HIBERNIA C-96        | 1650.00 | 1616.80 | 470.00         |
| HIBERNIA G-55        | 1240.00 | 1210.30 | 436.00         |
| HIBERNIA I-46        | 1308.00 | 1274.80 | 462.00         |
| HIBERNIA J-34        | 1288.00 | 1259.00 | 504.00         |
| HIBERNIA K-14        | 1387.00 | 1353.80 | 549.00         |
| HIBERNIA K-18        | 1603.00 | 1575.60 | 432.00         |
| HIBERNIA O-35        | 1310.00 | 1285.60 | 489.00         |
| HIBERNIA P-15        | 1468.00 | 1441.00 | 522.00         |
| MARA E-30            | 1875.00 | 1850.10 | 225.00 +       |
| MARA M-54            | 2072.00 | 2047.60 | 434.00         |
| MERCURY K-76         | 1594.00 | 1569.60 | 281.00         |
| MURRE G-67           | 520.00  | 490.10  | 320.00         |
| NAUTILUS C-92        | 2174.00 | 2146.60 | 494.00         |
| NORTH BEN NEVIS M-61 | 2072.00 | 2048.00 | 205.00         |
| NORTH BEN NEVIS P-93 | 2163.00 | 2141.00 | 217.00         |
| NORTH DANA I-43      | 3433.00 | 3405.60 | 139.00         |
| NORTH TRINITY H-71   | 1515.00 | 1491.80 | 135.00         |
| PORT AU PORT J-97    | 736.00  | 711.70  | 440.00         |
| RANKIN M-36          | 1063.00 | 1036.20 | 519.00         |
| SOUTH MARA C-13      | 1980.00 | 1955.00 | 278.00         |
| SPOONBILL C-30       | 482.00  | 452.10  | 414.00         |
| TERRA NOVA C-09      | 1258.00 | 1233.90 | 197.00         |
| TERRA NOVA E-79      | 1420.00 | 1395.90 | 147.00         |
| TERRA NOVA H-99      | 1342.00 | 1318.40 | 168.00         |
| TERRA NOVA I-97      | 1310.00 | 1286.70 | 171.00         |
| TERRA NOVA K-07      | 1229.00 | 1206.00 | 205.00         |
| TERRA NOVA K-08      | 1245.00 | 1220.00 | 199.00         |
| TERRA NOVA K-17      | 1192.00 | 1168.00 | 229.00         |
| TERRA NOVA K-18      | 1227.00 | 1202.60 | 233.00         |
| W. FLYING FOAM L-23  | 2496.00 | 2469.20 | 20.00          |
| WEST BEN NEVIS B-75  | 1539.00 | 1514.00 | 188.00 (con't) |

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Unit: DAWSON CANYON FM (con't)

| Well Name      | RT      | SS      | ISO   |
|----------------|---------|---------|-------|
| WHITEROSE J-49 | 2438.00 | 2415.10 | 69.00 |
| WHITEROSE L-61 | 2604.00 | 2581.00 | 46.00 |
| WHITEROSE N-22 | 2387.00 | 2359.60 | 58.00 |

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Unit: PETREL MBR

| Well Name            | RT      | SS      | ISO    |
|----------------------|---------|---------|--------|
| ADOLPHUS 2K-41       | 2524.00 | 2492.60 | 54.00  |
| ADOLPHUS D-50        | 3055.00 | 3025.10 | 48.00  |
| ARCHER K-19          | 1929.00 | 1905.70 | 41.00  |
| BEN NEVIS I-45       | 1875.00 | 1846.20 | 46.00  |
| BEOTHUK M-05         | 1332.00 | 1308.20 | 58.00  |
| BONNE BAY C-73       | NO LOGS |         |        |
| CONQUEST K-09        | 3650.00 | 3627.10 | 68.00  |
| CORMORANT N-83       | 780.00  | 750.10  | 22.00  |
| EGRET K-36           | 1112.00 | 1082.10 | 107.00 |
| EGRET N-46           | 1072.00 | 1042.10 | 78.00  |
| FORTUNE G-57         | 1983.00 | 1960.30 | 12.00  |
| GAMBO N-70           | 1238.00 | 1214.00 | 8.00   |
| HEBRON I-13          | 1695.00 | 1667.60 | 5.00   |
| HIBERNIA B-08        | 2054.00 | 2028.10 | 30.00  |
| HIBERNIA B-27        | 1896.00 | 1869.20 | 48.00  |
| HIBERNIA C-96        | 2073.00 | 2039.80 | 18.00  |
| HIBERNIA G-55        | 1577.00 | 1547.30 | 87.00  |
| HIBERNIA I-46        | 1713.00 | 1679.80 | 53.00  |
| HIBERNIA J-34        | 1716.00 | 1687.00 | 70.00  |
| HIBERNIA K-14        | 1857.00 | 1823.80 | 56.00  |
| HIBERNIA K-18        | 1988.00 | 1960.60 | 32.00  |
| HIBERNIA O-35        | 1726.00 | 1701.60 | 58.00  |
| HIBERNIA P-15        | 1930.00 | 1903.00 | 40.00  |
| MARA M-54            | 2471.00 | 2446.60 | 19.00  |
| MERCURY K-76         | 1836.00 | 1811.60 | 38.00  |
| NAUTILUS C-92        | 2559.00 | 2531.60 | 104.00 |
| NORTH BEN NEVIS M-61 | 2205.00 | 2181.00 | 40.00  |
| NORTH BEN NEVIS P-93 | 2328.00 | 2306.00 | 37.00  |
| NORTH DANA I-43      | 3490.00 | 3462.60 | 38.00  |
| NORTH TRINITY H-71   | 1613.00 | 1589.80 | 32.00  |
| RANKIN M-36          | 1447.00 | 1420.20 | 129.00 |
| SOUTH MARA C-13      | 2186.00 | 2161.00 | 64.00  |
| SPOONBILL C-30       | 875.00  | 845.10  | 11.00  |
| TERRA NOVA C-09      | 1409.00 | 1384.90 | 45.00  |
| TERRA NOVA E-79      | 1543.00 | 1518.90 | 22.00  |
| TERRA NOVA H-99      | 1474.00 | 1450.40 | 33.00  |
| TERRA NOVA I-97      | 1437.00 | 1413.70 | 42.00  |
| TERRA NOVA K-07      | 1380.00 | 1357.00 | 51.00  |
| TERRA NOVA K-08      | 1393.00 | 1368.00 | 48.00  |
| TERRA NOVA K-17      | 1364.00 | 1340.00 | 56.00  |
| TERRA NOVA K-18      | 1404.00 | 1379.60 | 54.00  |
| WEST BEN NEVIS B-75  | 1698.00 | 1673.00 | 16.00  |
| WHITEROSE J-49       | 2462.00 | 2439.10 | 38.00  |
| WHITEROSE L-61       | 2617.00 | 2594.00 | 19.00  |
| WHITEROSE N-22       | 2415.00 | 2387.60 | 21.00  |

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Unit: NAUTILUS SHALE

| Well Name            | RT      | SS      | ISO    |         |
|----------------------|---------|---------|--------|---------|
| ADOLPHUS 2K-41       | 2682.00 | 2650.60 | 129.00 |         |
| ADOLPHUS D-50        | 3320.00 | 3290.10 | 366.00 | +       |
| ARCHER K-19          | 1974.00 | 1950.70 | 138.00 |         |
| BEN NEVIS I-45       | 1923.00 | 1894.20 | 454.00 |         |
| BEOTHUK M-05         | 1453.00 | 1429.20 | 28.00  |         |
| BONANZA M-71         | 3460.00 | 3433.20 | 60.00  |         |
| BONNE BAY C-73       | 1860.00 | 1837.00 | 460.00 |         |
| CONQUEST K-09        | 3925.00 | 3902.10 | 294.00 |         |
| DOMINION O-23        | 3173.00 | 3143.10 | 61.00  |         |
| EGRET K-36           | 1251.00 | 1221.10 | 66.00  |         |
| EGRET N-46           | 1170.00 | 1140.10 | 77.00  |         |
| FORTUNE G-57         | 2085.00 | 2062.30 | 327.00 |         |
| GAMBO N-70           | 1320.00 | 1296.00 | 20.00  |         |
| HEBRON I-13          | 1705.00 | 1677.60 | 155.00 |         |
| HIBERNIA B-08        | 2100.00 | 2074.10 | 41.00  |         |
| HIBERNIA B-27        | 1958.00 | 1931.20 | 363.00 |         |
| HIBERNIA C-96        | 2120.00 | 2086.80 | 110.00 |         |
| HIBERNIA G-55        | 1676.00 | 1646.30 | 194.00 |         |
| HIBERNIA I-46        | 1770.00 | 1736.80 | 255.00 |         |
| HIBERNIA J-34        | 1792.00 | 1763.00 | 321.00 |         |
| HIBERNIA K-14        | 1936.00 | 1902.80 | 196.00 |         |
| HIBERNIA K-18        | 2035.00 | 2007.60 | 149.00 |         |
| HIBERNIA O-35        | 1799.00 | 1774.60 | 250.00 |         |
| HIBERNIA P-15        | 1990.00 | 1963.00 | 245.00 |         |
| MARA M-54            | 2506.00 | 2481.60 | 42.00  | + *     |
| MERCURY K-76         | 2362.00 | 2337.60 | 306.00 |         |
| NAUTILUS C-92        | 2668.00 | 2640.60 | 617.00 | **      |
| NORTH BEN NEVIS M-61 | 2277.00 | 2253.00 | 317.00 |         |
| NORTH BEN NEVIS P-93 | 2380.00 | 2358.00 | 355.00 |         |
| NORTH TRINITY H-71   | 1650.00 | 1626.80 | 328.00 |         |
| PORT AU PORT J-97    | 1203.00 | 1178.70 | 23.00  |         |
| RANKIN M-36          | 1730.00 | 1703.20 | 303.00 |         |
| SOUTH MARA C-13      | 2258.00 | 2233.00 | 424.00 |         |
| TERRA NOVA C-09      | 1520.00 | 1495.90 | 62.00  |         |
| TERRA NOVA E-79      | 1567.00 | 1542.90 | 221.00 |         |
| TERRA NOVA H-99      | 1584.00 | 1560.40 | 92.00  |         |
| TERRA NOVA I-97      | 1555.00 | 1531.70 | 137.00 |         |
| TERRA NOVA K-07      | 1501.00 | 1478.00 | 78.00  |         |
| TERRA NOVA K-08      | 1505.00 | 1480.00 | 77.00  |         |
| TERRA NOVA K-17      | 1480.00 | 1456.00 | 62.00  |         |
| TERRA NOVA K-18      | 1521.00 | 1496.60 | 69.00  |         |
| W. FLYING FOAM L-23  | 2516.00 | 2489.20 | 574.00 |         |
| WEST BEN NEVIS B-75  | 1727.00 | 1702.00 | 272.00 |         |
| WHITEROSE A-90       | 2334.00 | 2311.00 | 281.00 |         |
| WHITEROSE E-09       | 2471.00 | 2449.00 | 349.00 |         |
| WHITEROSE J-49       | 2507.00 | 2484.10 | 449.00 |         |
| WHITEROSE L-61       | 2805.00 | 2782.00 | 59.00  | (con't) |

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Unit: NAUTILUS SHALE (con't)

| Well Name      | RT      | SS      | ISO    |
|----------------|---------|---------|--------|
| WHITEROSE N-22 | 2445.00 | 2417.60 | 130.00 |

\* Not fully represented due to normal fault  
\*\* Type section

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 Unit: EIDER FM

| Well Name         | RT      | SS      | ISO    |
|-------------------|---------|---------|--------|
| ADOLPHUS 2K-41    | 2578.00 | 2546.60 | 104.00 |
| ADOLPHUS D-50     | 3103.00 | 3073.10 | 217.00 |
| BEOTHUK M-05      | 1393.00 | 1369.20 | 60.00  |
| CONQUEST K-09     | 3718.00 | 3695.10 | 207.00 |
| CORMORANT N-83    | 802.00  | 772.10  | 20.00  |
| EGRET K-36        | 1317.00 | 1287.10 | 45.00  |
| EGRET N-46        | 1247.00 | 1217.10 | 76.00  |
| GAMBO N-70        | 1250.00 | 1226.00 | 70.00  |
| MERCURY K-76      | 1875.00 | 1850.60 | 487.00 |
| MURRE G-67        | 840.00  | 810.10  | 67.00  |
| PORT AU PORT J-97 | 1176.00 | 1151.70 | 27.00  |
| RANKIN M-36       | 1582.00 | 1555.20 | 148.00 |
| SPOONBILL C-30    | 896.00  | 866.10  | 15.00  |
| TERRA NOVA C-09   | 1455.00 | 1430.90 | 65.00  |
| TERRA NOVA H-99   | 1510.00 | 1486.40 | 74.00  |
| TERRA NOVA I-97   | 1481.00 | 1457.70 | 74.00  |
| TERRA NOVA K-07   | 1434.00 | 1411.00 | 67.00  |
| TERRA NOVA K-08   | 1444.00 | 1419.00 | 61.00  |
| TERRA NOVA K-17   | 1421.00 | 1397.00 | 59.00  |
| TERRA NOVA K-18   | 1460.00 | 1435.60 | 61.00  |
| WHITEROSE L-61    | 2650.00 | 2627.00 | 155.00 |

\* Reference section

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 Unit: BEN NEVIS FM

| Well Name            | RT      | SS      | ISO     |      |
|----------------------|---------|---------|---------|------|
| ARCHER K-19          | 2112.00 | 2088.70 | 58.00   |      |
| BEN NEVIS I-45       | 2377.00 | 2348.20 | 378.00  | *    |
| BEOTHUK M-05         | 1481.00 | 1457.20 | 194.00  |      |
| BONNE BAY C-73       | 2320.00 | 2297.00 | 238.00  |      |
| FORTUNE G-57         | 2412.00 | 2389.30 | 213.00  |      |
| GAMBO N-70           | 1340.00 | 1316.00 | 140.00  |      |
| HEBRON I-13          | 1860.00 | 1832.60 | 66.00   |      |
| HIBERNIA B-27        | 2321.00 | 2294.20 | 217.00  |      |
| HIBERNIA C-96        | 2230.00 | 2196.80 | 77.00   |      |
| HIBERNIA G-55        | 1870.00 | 1840.30 | 489.00  |      |
| HIBERNIA I-46        | 2025.00 | 1991.80 | 169.00  |      |
| HIBERNIA J-34        | 2113.00 | 2084.00 | 385.00  |      |
| HIBERNIA K-14        | 2132.00 | 2098.80 | 211.00  |      |
| HIBERNIA K-18        | 2184.00 | 2156.60 | 90.00   |      |
| HIBERNIA O-35        | 2049.00 | 2024.60 | 146.00  |      |
| HIBERNIA P-15        | 2235.00 | 2208.00 | 176.00  |      |
| MARA M-54            | 2548.00 | 2523.60 | 100.00  | + ** |
| MERCURY K-76         | 2668.00 | 2643.60 | 1180.00 |      |
| NORTH BEN NEVIS M-61 | 2594.00 | 2570.00 | 487.00  |      |
| NORTH BEN NEVIS P-93 | 2735.00 | 2713.00 | 397.00  |      |
| NORTH TRINITY H-71   | 1978.00 | 1954.80 | 118.00  |      |
| PORT AU PORT J-97    | 1226.00 | 1201.70 | 28.00   |      |
| RANKIN M-36          | 2033.00 | 2006.20 | 133.00  |      |
| SOUTH MARA C-13      | 2682.00 | 2657.00 | 276.00  |      |
| TERRA NOVA C-09      | 1582.00 | 1557.90 | 75.00   |      |
| TERRA NOVA E-79      | 1788.00 | 1763.90 | 89.00   |      |
| TERRA NOVA H-99      | 1676.00 | 1652.40 | 88.00   |      |
| TERRA NOVA I-97      | 1692.00 | 1668.70 | 98.00   |      |
| TERRA NOVA K-07      | 1579.00 | 1556.00 | 64.00   |      |
| TERRA NOVA K-08      | 1582.00 | 1557.00 | 74.00   |      |
| TERRA NOVA K-17      | 1542.00 | 1518.00 | 55.00   |      |
| TERRA NOVA K-18      | 1590.00 | 1565.60 | 75.00   |      |
| WEST BEN NEVIS B-75  | 1999.00 | 1974.00 | 222.00  |      |
| WHITEROSE A-90       | 2615.00 | 2592.00 | 155.00  |      |
| WHITEROSE E-09       | 2820.00 | 2798.00 | 223.00  |      |
| WHITEROSE J-49       | 2956.00 | 2933.10 | 138.00  |      |
| WHITEROSE L-61       | 2864.00 | 2841.00 | 143.00  |      |
| WHITEROSE N-22       | 2575.00 | 2547.60 | 86.00   |      |

\* Type section

\*\* Not fully represented due to normal fault

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 Unit: AVALON FM

| Well Name            | RT      | SS      | ISO    |   |
|----------------------|---------|---------|--------|---|
| ARCHER K-19          | 2170.00 | 2146.70 | 59.00  |   |
| BEN NEVIS I-45       | 2755.00 | 2726.20 | 125.00 | * |
| BEOTHUK M-05         | 1675.00 | 1651.20 | 128.00 |   |
| BONNE BAY C-73       | 2558.00 | 2535.00 | 104.00 |   |
| FORTUNE G-57         | 2625.00 | 2602.30 | 70.00  |   |
| GAMBO N-70           | 1480.00 | 1456.00 | 140.00 |   |
| HEBRON I-13          | 1926.00 | 1898.60 | 64.00  |   |
| HIBERNIA B-08        | 2141.00 | 2115.10 | 23.00  |   |
| HIBERNIA B-27        | 2538.00 | 2511.20 | 65.00  |   |
| HIBERNIA C-96        | 2307.00 | 2273.80 | 46.00  |   |
| HIBERNIA G-55        | 2359.00 | 2329.30 | 215.00 |   |
| HIBERNIA I-46        | 2194.00 | 2160.80 | 285.00 |   |
| HIBERNIA J-34        | 2498.00 | 2469.00 | 128.00 |   |
| HIBERNIA K-14        | 2343.00 | 2309.80 | 80.00  |   |
| HIBERNIA K-18        | 2274.00 | 2246.60 | 64.00  |   |
| HIBERNIA O-35        | 2195.00 | 2170.60 | 153.00 |   |
| HIBERNIA P-15        | 2411.00 | 2384.00 | 50.00  |   |
| MARA M-54            | 2648.00 | 2623.60 | 61.00  |   |
| MERCURY K-76         | 3848.00 | 3823.60 | 422.00 |   |
| NAUTILUS C-92        | 3285.00 | 3257.60 | 60.00  |   |
| NORTH BEN NEVIS M-61 | 3081.00 | 3057.00 | 341.00 | + |
| NORTH BEN NEVIS P-93 | 3132.00 | 3110.00 | 382.00 |   |
| NORTH TRINITY H-71   | 2096.00 | 2072.80 | 122.00 |   |
| PORT AU PORT J-97    | 1254.00 | 1229.70 | 124.00 |   |
| SOUTH MARA C-13      | 2958.00 | 2933.00 | 174.00 |   |
| TERRA NOVA C-09      | 1657.00 | 1632.90 | 93.00  |   |
| TERRA NOVA E-79      | 1877.00 | 1852.90 | 130.00 |   |
| TERRA NOVA H-99      | 1764.00 | 1740.40 | 80.00  |   |
| TERRA NOVA I-97      | 1790.00 | 1766.70 | 175.00 |   |
| TERRA NOVA K-07      | 1643.00 | 1620.00 | 116.00 |   |
| TERRA NOVA K-08      | 1656.00 | 1631.00 | 118.00 |   |
| TERRA NOVA K-17      | 1597.00 | 1573.00 | 101.00 |   |
| TERRA NOVA K-18      | 1665.00 | 1640.60 | 135.00 |   |
| VOYAGER J-18         | 1401.00 | 1373.60 | 67.00  |   |
| W. FLYING FOAM L-23  | 3090.00 | 3063.20 | 99.00  |   |
| WEST BEN NEVIS B-75  | 2221.00 | 2196.00 | 170.00 |   |
| WHITEROSE A-90       | 2770.00 | 2747.00 | 103.00 |   |
| WHITEROSE E-09       | 3043.00 | 3021.00 | 126.00 |   |
| WHITEROSE J-49       | 3094.00 | 3071.10 | 143.00 |   |
| WHITEROSE L-61       | 3007.00 | 2984.00 | 97.00  |   |
| WHITEROSE N-22       | 2661.00 | 2633.60 | 39.00  |   |

\* Type section



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 Unit: EASTERN SHOALS FM

| Well Name            | RT      | SS      | ISO    |    |
|----------------------|---------|---------|--------|----|
| ARCHER K-19          | 2229.00 | 2205.70 | 114.00 |    |
| BEN NEVIS I-45       | 2880.00 | 2851.20 | 101.00 | *  |
| BEOTHUK M-05         | 1803.00 | 1779.20 | 97.00  |    |
| BONNE BAY C-73       | 2662.00 | 2639.00 | 173.00 |    |
| EGRET K-36           | 1362.00 | 1332.10 | 69.00  |    |
| FORTUNE G-57         | 2695.00 | 2672.30 | 298.00 |    |
| GAMBO N-70           | 1620.00 | 1596.00 | 22.00  |    |
| HEBRON I-13          | 1990.00 | 1962.60 | 102.00 |    |
| HIBERNIA B-08        | 2164.00 | 2138.10 | 34.00  |    |
| HIBERNIA B-27        | 2603.00 | 2576.20 | 47.00  |    |
| HIBERNIA C-96        | 2353.00 | 2319.80 | 30.00  |    |
| HIBERNIA G-55        | 2574.00 | 2544.30 | 815.00 | ** |
| HIBERNIA I-46        | 2479.00 | 2445.80 | 649.00 |    |
| HIBERNIA J-34        | 2626.00 | 2597.00 | 59.00  |    |
| HIBERNIA K-14        | 2423.00 | 2389.80 | 34.00  |    |
| HIBERNIA K-18        | 2338.00 | 2310.60 | 32.00  |    |
| HIBERNIA O-35        | 2348.00 | 2323.60 | 128.00 |    |
| HIBERNIA P-15        | 2461.00 | 2434.00 | 45.00  |    |
| MARA M-54            | 2709.00 | 2684.60 | 58.00  |    |
| MERCURY K-76         | 4270.00 | 4245.60 | 943.00 | +  |
| NORTH BEN NEVIS P-93 | 3514.00 | 3492.00 | 52.00  |    |
| NORTH TRINITY H-71   | 2218.00 | 2194.80 | 37.00  |    |
| PORT AU PORT J-97    | 1378.00 | 1353.70 | 42.00  |    |
| SOUTH MARA C-13      | 3132.00 | 3107.00 | 48.00  |    |
| TERRA NOVA C-09      | 1750.00 | 1725.90 | 140.00 |    |
| TERRA NOVA E-79      | 2007.00 | 1982.90 | 129.00 |    |
| TERRA NOVA H-99      | 1844.00 | 1820.40 | 117.00 |    |
| TERRA NOVA I-97      | 1965.00 | 1941.70 | 106.00 |    |
| TERRA NOVA K-07      | 1759.00 | 1736.00 | 107.00 |    |
| TERRA NOVA K-08      | 1774.00 | 1749.00 | 121.00 |    |
| TERRA NOVA K-17      | 1698.00 | 1674.00 | 37.00  |    |
| TERRA NOVA K-18      | 1800.00 | 1775.60 | 128.00 |    |
| VOYAGER J-18         | 1468.00 | 1440.60 | 117.00 |    |
| WEST BEN NEVIS B-75  | 2391.00 | 2366.00 | 101.00 |    |
| WHITEROSE A-90       | 2873.00 | 2850.00 | 9.00   |    |
| WHITEROSE E-09       | 3169.00 | 3147.00 | 231.00 |    |
| WHITEROSE J-49       | 3237.00 | 3214.10 | 22.00  |    |
| WHITEROSE L-61       | 3104.00 | 3081.00 | 236.00 | +  |
| WHITEROSE N-22       | 2700.00 | 2672.60 | 28.00  |    |

\* Type section

\*\* Reference section

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Unit: 'A' MARKER

| Well Name       | RT      | SS      | ISO   |
|-----------------|---------|---------|-------|
| HIBERNIA B-08   | 2257.00 | 2231.10 | 11.00 |
| HIBERNIA B-27   | 2695.00 | 2668.20 | 13.00 |
| HIBERNIA C-96   | 2439.00 | 2405.80 | 22.00 |
| HIBERNIA K-14   | 2529.00 | 2495.80 | 7.00  |
| HIBERNIA K-18   | 2422.00 | 2394.60 | 13.00 |
| HIBERNIA O-35   | 2501.00 | 2476.60 | 6.00  |
| HIBERNIA P-15   | 2506.00 | 2479.00 | 8.00  |
| MARA M-54       | 2816.00 | 2791.60 | 20.00 |
| NAUTILUS C-92   | 3436.00 | 3408.60 | 12.00 |
| SOUTH MARA C-13 | 3226.00 | 3201.00 | 14.00 |
| WHITEROSE N-22  | 2821.00 | 2793.60 | 26.00 |

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\* Type section

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 Unit: WHITEROSE SHALE

| Well Name            | RT      | SS      | ISO      |
|----------------------|---------|---------|----------|
| ARCHER K-19          | 2343.00 | 2319.70 | 80.00    |
| BEN NEVIS I-45       | 2981.00 | 2952.20 | 823.00   |
| BEOTHUK M-05         | 1900.00 | 1876.20 | 309.00   |
| BONANZA M-71         | 3520.00 | 3493.20 | 780.00   |
| BONNE BAY C-73       | 2835.00 | 2812.00 | 215.00   |
| CONQUEST K-09        | 4219.00 | 4196.10 | 749.00 + |
| DOMINION O-23        | 3234.00 | 3204.10 | 764.00 + |
| FLYING FOAM I-13     | 2487.00 | 2457.10 | 360.00   |
| FORTUNE G-57         | 2993.00 | 2970.30 | 194.00   |
| GABRIEL C-60         | 4554.00 | 4529.90 | 617.00 + |
| HEBRON I-13          | 2092.00 | 2064.60 | 556.00   |
| MARA M-54            | 2767.00 | 2742.60 | 690.00   |
| NORTH BEN NEVIS P-93 | 3566.00 | 3544.00 | 619.00   |
| NORTH TRINITY H-71   | 2255.00 | 2231.80 | 715.00   |
| SOUTH MARA C-13      | 3180.00 | 3155.00 | 504.00   |
| SOUTH TEMPEST G-88   | 2694.00 | 2667.20 | 449.00   |
| TERRA NOVA C-09      | 1890.00 | 1865.90 | 366.00   |
| TERRA NOVA E-79      | 2136.00 | 2111.90 | 363.00   |
| TERRA NOVA H-99      | 1961.00 | 1937.40 | 386.00   |
| TERRA NOVA I-97      | 2071.00 | 2047.70 | 223.00   |
| TERRA NOVA K-07      | 1866.00 | 1843.00 | 378.00   |
| TERRA NOVA K-08      | 1895.00 | 1870.00 | 369.00   |
| TERRA NOVA K-17      | 1735.00 | 1711.00 | 330.00   |
| TERRA NOVA K-18      | 1928.00 | 1903.60 | 276.00   |
| W. FLYING FOAM L-23  | 3189.00 | 3162.20 | 571.00   |
| WEST BEN NEVIS B-75  | 2492.00 | 2467.00 | 793.00   |
| WHITEROSE E-09       | 3400.00 | 3378.00 | 56.00    |

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 Unit: WHITEROSE SH (U)

| Well Name         | RT      | SS      | ISO     |
|-------------------|---------|---------|---------|
| GAMBO N-70        | 1642.00 | 1618.00 | 45.00   |
| HIBERNIA B-08     | 2198.00 | 2172.10 | 717.00  |
| HIBERNIA B-27     | 2650.00 | 2623.20 | 523.00  |
| HIBERNIA C-96     | 2383.00 | 2349.80 | 767.00  |
| HIBERNIA J-34     | 2685.00 | 2656.00 | 604.00  |
| HIBERNIA K-14     | 2457.00 | 2423.80 | 1004.00 |
| HIBERNIA K-18     | 2370.00 | 2342.60 | 731.00  |
| HIBERNIA O-35     | 2476.00 | 2451.60 | 654.00  |
| HIBERNIA P-15     | 2514.00 | 2487.00 | 697.00  |
| NAUTILUS C-92     | 3345.00 | 3317.60 | 521.00  |
| PORT AU PORT J-97 | 1420.00 | 1395.70 | 6.00    |
| WHITEROSE J-49    | 3259.00 | 3236.10 | 440.00  |
| WHITEROSE N-22    | 2728.00 | 2700.60 | 357.00  |

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\* Type section (part)

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 Unit: WHITEROSE SH (L)

| Well Name         | RT      | SS      | ISO      |
|-------------------|---------|---------|----------|
| GAMBO N-70        | 1838.00 | 1814.00 | 4.00     |
| HIBERNIA B-08     | 3186.00 | 3160.10 | 291.00   |
| HIBERNIA B-27     | 3458.00 | 3431.20 | 323.00   |
| HIBERNIA C-96     | 3467.00 | 3433.80 | 95.00    |
| HIBERNIA J-34     | 3630.00 | 3601.00 | 82.00 +  |
| HIBERNIA K-14     | 3519.00 | 3485.80 | 320.00   |
| HIBERNIA K-18     | 3414.00 | 3386.60 | 272.00   |
| HIBERNIA O-35     | 3325.00 | 3300.60 | 587.00   |
| HIBERNIA P-15     | 3440.00 | 3413.00 | 303.00   |
| NAUTILUS C-92     | 4186.00 | 4158.60 | 363.00   |
| PORT AU PORT J-97 | 1483.00 | 1458.70 | 6.00     |
| WHITEROSE J-49    | 3718.00 | 3695.10 | 223.00   |
| WHITEROSE N-22    | 3100.00 | 3072.60 | 257.00 * |

\* Type section (part)

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 Unit: CATALINA FM

| Well Name            | RT      | SS      | ISO    |     |
|----------------------|---------|---------|--------|-----|
| BEOTHUK M-05         | 2209.00 | 2185.20 | 104.00 |     |
| EGRET K-36           | 1431.00 | 1401.10 | 105.00 |     |
| FLYING FOAM I-13     | 2116.00 | 2086.10 | 351.00 |     |
| GABRIEL C-60         | 4250.00 | 4225.90 | 304.00 |     |
| GAMBO N-70           | 1687.00 | 1663.00 | 114.00 |     |
| HEBRON I-13          | 2648.00 | 2620.60 | 182.00 |     |
| HIBERNIA B-08        | 2915.00 | 2889.10 | 240.00 |     |
| HIBERNIA B-27        | 3173.00 | 3146.20 | 243.00 |     |
| HIBERNIA C-96        | 3150.00 | 3116.80 | 287.00 |     |
| HIBERNIA I-46        | 3128.00 | 3094.80 | 77.00  |     |
| HIBERNIA J-34        | 3289.00 | 3260.00 | 291.00 |     |
| HIBERNIA K-14        | 3461.00 | 3427.80 | 58.00  | + * |
| HIBERNIA K-18        | 3101.00 | 3073.60 | 279.00 |     |
| HIBERNIA O-35        | 3130.00 | 3105.60 | 170.00 | **  |
| HIBERNIA P-15        | 3211.00 | 3184.00 | 207.00 | *** |
| MARA M-54            | 3457.00 | 3432.60 | 188.00 |     |
| NAUTILUS C-92        | 3866.00 | 3838.60 | 253.00 |     |
| NORTH BEN NEVIS P-93 | 4185.00 | 4163.00 | 295.00 |     |
| NORTH TRINITY H-71   | 2970.00 | 2946.80 | 43.00  |     |
| PORT AU PORT J-97    | 1426.00 | 1401.70 | 20.00  |     |
| SOUTH MARA C-13      | 3684.00 | 3659.00 | 239.00 |     |
| TERRA NOVA C-09      | 2256.00 | 2231.90 | 129.00 |     |
| TERRA NOVA E-79      | 2499.00 | 2474.90 | 101.00 |     |
| TERRA NOVA H-99      | 2347.00 | 2323.40 | 96.00  |     |
| TERRA NOVA I-97      | 2294.00 | 2270.70 | 102.00 |     |
| TERRA NOVA K-07      | 2244.00 | 2221.00 | 119.00 |     |
| TERRA NOVA K-08      | 2264.00 | 2239.00 | 121.00 | **  |
| TERRA NOVA K-17      | 2065.00 | 2041.00 | 105.00 |     |
| TERRA NOVA K-18      | 2204.00 | 2179.60 | 101.00 |     |
| VOYAGER J-18         | 1585.00 | 1557.60 | 42.00  |     |
| W. FLYING FOAM L-23  | 3760.00 | 3733.20 | 794.00 | +   |
| WEST BEN NEVIS B-75  | 3285.00 | 3260.00 | 43.00  |     |

\* Not fully represented due to normal fault  
 \*\* Reference section  
 \*\*\* Type section

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 Unit: 'B' MARKER

| Well Name            | RT          | SS      | ISO    |
|----------------------|-------------|---------|--------|
| ARCHER K-19          | 2423.00     | 2399.70 | 22.00  |
| BEN NEVIS I-45       | 3804.00     | 3775.20 | 105.00 |
| BEOTHUK M-05         | 2313.00     | 2289.20 | 94.00  |
| BONNE BAY C-73       | 3050.00     | 3027.00 | 82.00  |
| EGRET K-36           | 1536.00     | 1506.10 | 58.00  |
| FLYING FOAM I-13     | 2467.00     | 2437.10 | 20.00  |
| FORTUNE G-57         | 3187.00     | 3164.30 | 107.00 |
| GAMBO N-70           | 1801.00     | 1777.00 | 37.00  |
| HEBRON I-13          | 2830.00     | 2802.60 | 57.00  |
| HIBERNIA B-08        | 3155.00     | 3129.10 | 31.00  |
| HIBERNIA B-27        | 3416.00     | 3389.20 | 42.00  |
| HIBERNIA C-96        | 3437.00     | 3403.80 | 30.00  |
| HIBERNIA J-34        | 3580.00     | 3551.00 | 50.00  |
| HIBERNIA K-14        | faulted out |         |        |
| HIBERNIA K-18        | 3380.00     | 3352.60 | 34.00  |
| HIBERNIA O-35        | 3300.00     | 3275.60 | 25.00  |
| HIBERNIA P-15        | 3418.00     | 3391.00 | 22.00  |
| MARA M-54            | 3645.00     | 3620.60 | 90.00  |
| NAUTILUS C-92        | 4119.00     | 4091.60 | 67.00  |
| NORTH BEN NEVIS P-93 | 4480.00     | 4458.00 | 56.00  |
| NORTH TRINITY H-71   | 3013.00     | 2989.80 | 110.00 |
| PORT AU PORT J-97    | 1446.00     | 1421.70 | 37.00  |
| SOUTH MARA C-13      | 3923.00     | 3898.00 | 51.00  |
| TERRA NOVA C-09      | 2385.00     | 2360.90 | 104.00 |
| TERRA NOVA E-79      | 2600.00     | 2575.90 | 101.00 |
| TERRA NOVA H-99      | 2443.00     | 2419.40 | 103.00 |
| TERRA NOVA I-97      | 2396.00     | 2372.70 | 92.00  |
| TERRA NOVA K-07      | 2363.00     | 2340.00 | 100.00 |
| TERRA NOVA K-08      | 2385.00     | 2360.00 | 98.00  |
| TERRA NOVA K-17      | 2170.00     | 2146.00 | 88.00  |
| TERRA NOVA K-18      | 2305.00     | 2280.60 | 66.00  |
| VOYAGER J-18         | 1627.00     | 1599.60 | 48.00  |
| WEST BEN NEVIS B-75  | 3328.00     | 3303.00 | 42.00  |
| WHITEROSE J-49       | 3699.00     | 3676.10 | 19.00  |
| WHITEROSE N-22       | 3085.00     | 3057.60 | 15.00  |

\* Type section

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 Unit: HIBERNIA FM  
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| Well Name            | RT      | SS      | ISO    |       |
|----------------------|---------|---------|--------|-------|
| ARCHER K-19          | 2445.00 | 2421.70 | 164.00 |       |
| BEN NEVIS I-45       | 3909.00 | 3880.20 | 711.00 |       |
| BEOTHUK M-05         | 2407.00 | 2383.20 | 376.00 |       |
| BONNE BAY C-73       | 3132.00 | 3109.00 | 481.00 |       |
| EGRET K-36           | 1594.00 | 1564.10 | 450.00 |       |
| EGRET N-46           | 1323.00 | 1293.10 | 145.00 |       |
| FLYING FOAM I-13     | 2847.00 | 2817.10 | 267.00 |       |
| FORTUNE G-57         | 3294.00 | 3271.30 | 763.00 |       |
| GAMBO N-70           | 1842.00 | 1818.00 | 68.00  |       |
| HEBRON I-13          | 2887.00 | 2859.60 | 603.00 | *     |
| HIBERNIA B-08        | 3477.00 | 3451.10 | 175.00 |       |
| HIBERNIA B-27        | 3781.00 | 3754.20 | 179.00 |       |
| HIBERNIA C-96        | 3562.00 | 3528.80 | 384.00 |       |
| HIBERNIA K-14        | 3839.00 | 3805.80 | 223.00 | **    |
| HIBERNIA K-18        | 3686.00 | 3658.60 | 173.00 |       |
| HIBERNIA O-35        | 3912.00 | 3887.60 | 290.00 |       |
| HIBERNIA P-15        | 3743.00 | 3716.00 | 178.00 |       |
| MARA M-54            | 3735.00 | 3710.60 | 631.00 |       |
| NAUTILUS C-92        | 4549.00 | 4521.60 | 98.00  |       |
| NORTH BEN NEVIS P-93 | 4536.00 | 4514.00 | 726.00 |       |
| NORTH TRINITY H-71   | 3123.00 | 3099.80 | 452.00 |       |
| PORT AU PORT J-97    | 1489.00 | 1464.70 | 56.00  |       |
| SOUTH MARA C-13      | 3974.00 | 3949.00 | 635.00 |       |
| TERRA NOVA C-09      | 2489.00 | 2464.90 | 509.00 |       |
| TERRA NOVA E-79      | 2701.00 | 2676.90 | 191.00 | + *** |
| TERRA NOVA H-99      | 2546.00 | 2522.40 | 354.00 |       |
| TERRA NOVA I-97      | 2488.00 | 2464.70 | 385.00 |       |
| TERRA NOVA K-07      | 2463.00 | 2440.00 | 461.00 |       |
| TERRA NOVA K-08      | 2483.00 | 2458.00 | 491.00 |       |
| TERRA NOVA K-17      | 2258.00 | 2234.00 | 420.00 |       |
| TERRA NOVA K-18      | 2371.00 | 2346.60 | 469.00 |       |
| TRAVE E-87           | 2139.00 | 2112.00 | 381.00 |       |
| VOYAGER J-18         | 1675.00 | 1647.60 | 366.00 |       |
| WEST BEN NEVIS B-75  | 3370.00 | 3345.00 | 663.00 |       |
| WHITEROSE E-09       | 3456.00 | 3434.00 | 283.00 |       |
| WHITEROSE J-49       | 3941.00 | 3918.10 | 508.00 |       |
| WHITEROSE N-22       | 3357.00 | 3329.60 | 415.00 |       |

\* Reference section

\*\* Type section

\*\*\* Not fully represented due to normal fault



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 Unit: HEBRON WELL MBR

| Well Name            | RT      | SS      | ISO    |      |
|----------------------|---------|---------|--------|------|
| BEN NEVIS I-45       | 3909.00 | 3880.20 | 290.00 |      |
| BEOTHUK M-05         | 2407.00 | 2383.20 | 119.00 |      |
| BONNE BAY C-73       | 3132.00 | 3109.00 | 184.00 |      |
| EGRET K-36           | 1594.00 | 1564.10 | 82.00  |      |
| FORTUNE G-57         | 3294.00 | 3271.30 | 278.00 |      |
| GAMBO N-70           | 1842.00 | 1818.00 | 16.00  |      |
| HEBRON I-13          | 2887.00 | 2859.60 | 211.00 | *    |
| HIBERNIA C-96        | 3562.00 | 3528.80 | 162.00 |      |
| MARA M-54            | 3735.00 | 3710.60 | 354.00 |      |
| NORTH BEN NEVIS P-93 | 4536.00 | 4514.00 | 368.00 |      |
| NORTH TRINITY H-71   | 3123.00 | 3099.80 | 140.00 |      |
| PORT AU PORT J-97    | 1489.00 | 1464.70 | 26.00  |      |
| SOUTH MARA C-13      | 3974.00 | 3949.00 | 305.00 |      |
| TERRA NOVA C-09      | 2489.00 | 2464.90 | 138.00 |      |
| TERRA NOVA E-79      | 2701.00 | 2676.90 | 31.00  | + ** |
| TERRA NOVA H-99      | 2546.00 | 2522.40 | 139.00 |      |
| TERRA NOVA I-97      | 2488.00 | 2464.70 | 136.00 |      |
| TERRA NOVA K-07      | 2463.00 | 2440.00 | 149.00 |      |
| TERRA NOVA K-08      | 2483.00 | 2458.00 | 167.00 |      |
| TERRA NOVA K-17      | 2258.00 | 2234.00 | 125.00 |      |
| TERRA NOVA K-18      | 2371.00 | 2346.60 | 139.00 |      |
| VOYAGER J-18         | 1675.00 | 1647.60 | 139.00 |      |
| WEST BEN NEVIS B-75  | 3370.00 | 3345.00 | 315.00 |      |

\* Type section

\*\* Not fully represented due to normal fault

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Unit: FORTUNE BAY SHALE

| Well Name            | RT      | SS      | ISO    |    |
|----------------------|---------|---------|--------|----|
| ARCHER K-19          | 2609.00 | 2585.70 | 410.00 |    |
| BEN NEVIS I-45       | 4620.00 | 4591.20 | 313.00 | +  |
| BEOTHUK M-05         | 2783.00 | 2759.20 | 173.00 |    |
| BONANZA M-71         | 4300.00 | 4273.20 | 90.00  |    |
| BONNE BAY C-73       | 3613.00 | 3590.00 | 342.00 |    |
| EGRET K-36           | 2044.00 | 2014.10 | 105.00 |    |
| EGRET N-46           | 1468.00 | 1438.10 | 99.00  |    |
| FLYING FOAM I-13     | 3114.00 | 3084.10 | 80.00  |    |
| FORTUNE G-57         | 4057.00 | 4034.30 | 492.00 |    |
| GAMBO N-70           | 1910.00 | 1886.00 | 66.00  |    |
| HEBRON I-13          | 3490.00 | 3462.60 | 280.00 |    |
| HIBERNIA B-08        | 3652.00 | 3626.10 | 196.00 |    |
| HIBERNIA B-27        | 3960.00 | 3933.20 | 200.00 |    |
| HIBERNIA C-96        | 3946.00 | 3912.80 | 247.00 |    |
| HIBERNIA K-14        | 4062.00 | 4028.80 | *      |    |
| HIBERNIA K-18        | 3859.00 | 3831.60 | 196.00 |    |
| HIBERNIA O-35        | 4202.00 | 4177.60 | 180.00 |    |
| HIBERNIA P-15        | 3921.00 | 3894.00 | 193.00 |    |
| LANCASTER G-70       | 3310.00 | 3285.90 | 233.00 |    |
| MARA M-54            | 4366.00 | 4341.60 | 80.00  | +  |
| NAUTILUS C-92        | 4647.00 | 4619.60 | 155.00 |    |
| NORTH BEN NEVIS P-93 | 5262.00 | 5240.00 | 20.00  | +  |
| NORTH TRINITY H-71   | 3575.00 | 3551.80 | 373.00 |    |
| PANTHER P-52         | 2653.00 | 2631.00 | 193.00 |    |
| PORT AU PORT J-97    | 1545.00 | 1520.70 | 30.00  |    |
| RANKIN M-36          | 2166.00 | 2139.20 | 67.00  |    |
| SOUTH MARA C-13      | 4609.00 | 4584.00 | 205.00 |    |
| SOUTH TEMPEST G-88   | 3143.00 | 3116.20 | 94.00  |    |
| TERRA NOVA C-09      | 2998.00 | 2973.90 | 190.00 |    |
| TERRA NOVA E-79      | 2892.00 | 2867.90 | 233.00 |    |
| TERRA NOVA H-99      | 2900.00 | 2876.40 | 172.00 |    |
| TERRA NOVA I-97      | 2873.00 | 2849.70 | 207.00 |    |
| TERRA NOVA K-07      | 2924.00 | 2901.00 | 190.00 |    |
| TERRA NOVA K-08      | 2974.00 | 2949.00 | 214.00 |    |
| TERRA NOVA K-17      | 2678.00 | 2654.00 | 210.00 |    |
| TERRA NOVA K-18      | 2840.00 | 2815.60 | 210.00 | ** |
| TRAVE E-87           | 2520.00 | 2493.00 | 217.00 |    |
| VOYAGER J-18         | 2041.00 | 2013.60 | 236.00 |    |
| WEST BEN NEVIS B-75  | 4033.00 | 4008.00 | 317.00 |    |
| WHITEROSE E-09       | 3739.00 | 3717.00 | 62.00  |    |
| WHITEROSE J-49       | 4449.00 | 4426.10 | 114.00 | +  |
| WHITEROSE N-22       | 3772.00 | 3744.60 | 168.00 |    |

\* Lower boundary not logged

\*\* Type section

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Unit: JEANNE D'ARC FM

| Well Name           | RT      | SS      | ISO        |
|---------------------|---------|---------|------------|
| ARCHER K-19         | 3019.00 | 2995.70 | 153.00     |
| BEOTHUK M-05        | 2956.00 | 2932.20 | 189.00     |
| BONNE BAY C-73      | 3955.00 | 3932.00 | 220.00     |
| EGRET K-36          | 2149.00 | 2119.10 | 114.00     |
| EGRET N-46          | 1567.00 | 1537.10 | 373.00     |
| FLYING FOAM I-13    | 3194.00 | 3164.10 | 75.00      |
| FORTUNE G-57        | 4549.00 | 4526.30 | 199.00     |
| GAMBO N-70          | 1976.00 | 1952.00 | 294.00     |
| HEBRON I-13         | 3770.00 | 3742.60 | 653.00     |
| HIBERNIA B-08       | 3848.00 | 3822.10 | 587.00 +   |
| HIBERNIA B-27       | 4160.00 | 4133.20 | 220.00 +   |
| HIBERNIA C-96       | 4193.00 | 4159.80 | 227.00 +   |
| HIBERNIA K-14       | NO LOGS |         |            |
| HIBERNIA K-18       | 4055.00 | 4027.60 | 492.00     |
| HIBERNIA O-35       | 4382.00 | 4357.60 | 406.00 +   |
| HIBERNIA P-15       | 4114.00 | 4087.00 | 171.00 + * |
| NAUTILUS C-92       | 4802.00 | 4774.60 | 315.00 +   |
| NORTH DANA I-43     | 3572.00 | 3544.60 | 202.00     |
| NORTH TRINITY H-71  | 3948.00 | 3924.80 | 565.00     |
| PANTHER P-52        | 2846.00 | 2824.00 | 295.00     |
| PORT AU PORT J-97   | 1575.00 | 1550.70 | 68.00      |
| RANKIN M-36         | 2233.00 | 2206.20 | 153.00     |
| SOUTH MARA C-13     | 4814.00 | 4789.00 | 221.00 +   |
| SOUTH TEMPEST G-88  | 3237.00 | 3210.20 | 292.00     |
| TERRA NOVA C-09     | 3188.00 | 3163.90 | 368.00     |
| TERRA NOVA E-79     | 3125.00 | 3100.90 | 370.00     |
| TERRA NOVA H-99     | 3072.00 | 3048.40 | 389.00     |
| TERRA NOVA I-97     | 3080.00 | 3056.70 | 305.00     |
| TERRA NOVA K-07     | 3114.00 | 3091.00 | 308.00     |
| TERRA NOVA K-08     | 3188.00 | 3163.00 | 360.00     |
| TERRA NOVA K-17     | 2888.00 | 2864.00 | 290.00     |
| TERRA NOVA K-18     | 3050.00 | 3025.60 | 363.00 **  |
| TRAVE E-87          | 2737.00 | 2710.00 | 107.00     |
| VOYAGER J-18        | 2277.00 | 2249.60 | 236.00     |
| WEST BEN NEVIS B-75 | 4350.00 | 4325.00 | 590.00     |
| WHITEROSE E-09      | 3801.00 | 3779.00 | 169.00 +   |
| WHITEROSE N-22      | 3940.00 | 3912.60 | 65.00      |

\* Not fully represented due to normal fault

\*\* Type section

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 Unit: RANKIN FM

| Well Name           | RT      | SS      | ISO     |    |
|---------------------|---------|---------|---------|----|
| ARCHER K-19         | 3172.00 | 3148.70 | 687.00  |    |
| BEOTHUK M-05        | 3145.00 | 3121.20 | 634.00  | +  |
| BONNE BAY C-73      | 4175.00 | 4152.00 | 30.00   | +  |
| BONNITION H-32      | 2962.00 | 2932.10 | 86.00   | +  |
| EGRET K-36          | 2263.00 | 2233.10 | 1090.00 | +  |
| EGRET N-46          | 1940.00 | 1910.10 | 803.00  | +  |
| FLYING FOAM I-13    | 3269.00 | 3239.10 | 414.00  | +  |
| FORTUNE G-57        | 4748.00 | 4725.30 | 247.00  | +  |
| GAMBO N-70          | 2270.00 | 2246.00 | 245.00  | +  |
| GOLCONDA C-64       | 1777.00 | 1755.00 | 576.00  |    |
| HEBRON I-13         | 4423.00 | 4395.60 | 300.00  | +  |
| HIBERNIA K-18       | 4547.00 | 4519.60 | 492.00  | +  |
| HIBERNIA P-15       | 4285.00 | 4258.00 | 122.00  | +  |
| NORTH DANA I-43     | 3774.00 | 3746.60 | 873.00  |    |
| NORTH TRINITY H-71  | 4513.00 | 4489.80 | 245.00  | +  |
| PANTHER P-52        | 3141.00 | 3119.00 | 649.00  |    |
| PORT AU PORT J-97   | 1643.00 | 1618.70 | 855.00  |    |
| RANKIN M-36         | 2386.00 | 2359.20 | 758.00  | *  |
| SOUTH TEMPEST G-88  | 3529.00 | 3502.20 | 776.00  |    |
| TERRA NOVA C-09     | 3556.00 | 3531.90 | 84.00   | +  |
| TERRA NOVA E-79     | 3495.00 | 3470.90 | 110.00  | +  |
| TERRA NOVA H-99     | 3461.00 | 3437.40 | 49.00   | +  |
| TERRA NOVA I-97     | 3385.00 | 3361.70 | 80.00   | +  |
| TERRA NOVA K-07     | 3422.00 | 3399.00 | 128.00  | +  |
| TERRA NOVA K-08     | 3548.00 | 3523.00 | 738.00  |    |
| TERRA NOVA K-17     | 3178.00 | 3154.00 | 72.00   | +  |
| TERRA NOVA K-18     | 3413.00 | 3388.60 | 513.00  | +  |
| TRAVE E-87          | 2844.00 | 2817.00 | 931.00  | ** |
| VOYAGER J-18        | 2513.00 | 2485.60 | 733.00  |    |
| WEST BEN NEVIS B-75 | 4940.00 | 4915.00 | 47.00   | +  |
| WHITEROSE A-90      | 2882.00 | 2859.00 | 143.00  | +  |
| WHITEROSE N-22      | 4005.00 | 3977.60 | 279.00  |    |

\* Type section

\*\* Reference section

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 Unit: EGRET MBR

| Well Name            | RT      | SS      | ISO      |
|----------------------|---------|---------|----------|
| ARCHER K-19          | 3279.00 | 3255.70 | 170.00   |
| BEOTHUK M-05         | 3387.00 | 3363.20 | 108.00   |
| EGRET K-36           | 2642.00 | 2612.10 | 61.00    |
| EGRET N-46           | 1970.00 | 1940.10 | 77.00    |
| FLYING FOAM I-13     | 3281.00 | 3251.10 | 72.00    |
| FORTUNE G-57         | 4916.00 | 4893.30 | 79.00 +  |
| GAMBO N-70           | 2289.00 | 2265.00 | 62.00    |
| GOLCONDA C-64        | 1777.00 | 1755.00 | 95.00    |
| HIBERNIA K-18        | 4819.00 | 4791.60 | 88.00    |
| NORTH DANA I-43      | 3883.00 | 3855.60 | 117.00   |
| NORTH TRINITY H-71 ? | 4639.00 | 4615.80 | 119.00 + |
| PANTHER P-52         | 3218.00 | 3196.00 | 73.00    |
| PORT AU PORT J-97    | 1833.00 | 1808.70 | 79.00    |
| RANKIN M-36          | 2436.00 | 2409.20 | 55.00 *  |
| SOUTH TEMPEST G-88   | 3730.00 | 3703.20 | 84.00    |
| TERRA NOVA K-08      | 3641.00 | 3616.00 | 149.00   |
| TERRA NOVA K-18      | 3635.00 | 3610.60 | 155.00   |
| TRAVE E-87           | 3046.00 | 3019.00 | 74.00 ** |
| VOYAGER J-18         | 2712.00 | 2684.60 | 100.00   |
| WHITEROSE A-90 ?     | 2882.00 | 2859.00 | 143.00 + |

\* Type section  
 \*\* Reference section

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 Unit: VOYAGER FM

| Well Name          | RT      | SS      | ISO         |
|--------------------|---------|---------|-------------|
| ARCHER K-19        | 3859.00 | 3835.70 | 440.00 +    |
| BONANZA M-71       | 4390.00 | 4363.20 | 837.00      |
| GOLCONDA C-64      | 2353.00 | 2331.00 | 702.00      |
| MURRE G-67         | 907.00  | 877.10  | 338.00      |
| NORTH DANA I-43    | 4647.00 | 4619.60 | 656.00 +    |
| PANTHER P-52       | 3790.00 | 3768.00 | 413.00 +    |
| PORT AU PORT J-97  | 2498.00 | 2473.70 | 202.00 +    |
| RANKIN M-36        | 3144.00 | 3117.20 | 608.00 *    |
| SOUTH TEMPEST G-88 | 4305.00 | 4278.20 | 370.00 +    |
| TERRA NOVA K-08    | 4286.00 | 4261.00 | 214.00 +    |
| TRAVE E-87         | 3775.00 | 3748.00 | 213.00 +    |
| VOYAGER J-18       | 3246.00 | 3218.60 | 498.00 + ** |
| WHITEROSE N-22     | 4284.00 | 4256.60 | 350.00 +    |

\* Type section

\*\* Reference section

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Unit: DOWNING FM

| Well Name      | RT      | SS      | ISO       |
|----------------|---------|---------|-----------|
| CORMORANT N-83 | 822.00  | 792.10  | 1339.00   |
| GOLCONDA C-64  | 3055.00 | 3033.00 | 1396.00 + |
| MURRE G-67     | 1245.00 | 1215.10 | 1341.00 * |
| RANKIN M-36    | 3752.00 | 3725.20 | 215.00 +  |

\* Type section

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Unit: WHALE MBR

| Well Name      | RT      | SS      | ISO    |   |
|----------------|---------|---------|--------|---|
| CORMORANT N-83 | 1103.00 | 1073.10 | 413.00 |   |
| GOLCONDA C-64  | 3707.00 | 3685.00 | 95.00  |   |
| MURRE G-67     | 1817.00 | 1787.10 | 191.00 | * |

\* Type section



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Unit: IROQUOIS FM

| Well Name      | RT      | SS      | ISO      |
|----------------|---------|---------|----------|
| CORMORANT N-83 | 2161.00 | 2131.10 | 429.00   |
| HIBERNIA I-46  | 3205.00 | 3171.80 | 231.00 + |
| MURRE G-67     | 2586.00 | 2556.10 | 337.00 * |
| SPOONBILL C-30 | 911.00  | 881.10  | 352.00   |

\* Reference section

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Unit: ARGO FM

| Well Name      | RT      | SS      | ISO    |     |
|----------------|---------|---------|--------|-----|
| ADOLPHUS 2K-41 | 2853.00 | 2821.60 | 804.00 | + * |
| CORMORANT N-83 | 2590.00 | 2560.10 | 350.00 |     |
| SPOONBILL C-30 | 1263.00 | 1233.10 | 251.00 | **  |

\* Diapiric

\*\* Reference section

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Unit: TONGUE OF EURYDICE FM

| Well Name      | RT      | SS      | ISO      |
|----------------|---------|---------|----------|
| CORMORANT N-83 | 2975.00 | 2945.10 | 185.00 + |
| SPOONBILL C-30 | 1565.00 | 1535.10 | 87.00    |

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Unit: OSPREY FM

| Well Name      | RT      | SS      | ISO    |   |
|----------------|---------|---------|--------|---|
| SPOONBILL C-30 | 1652.00 | 1622.10 | 882.00 | * |

\* Reference section

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Unit: EURYDICE FM

| Well Name      | RT      | SS      | ISO    |   |
|----------------|---------|---------|--------|---|
| HIBERNIA G-55  | 3389.00 | 3359.30 | 24.00  |   |
| MURRE G-67     | 2923.00 | 2893.10 | 232.00 | * |
| SPOONBILL C-30 | 2534.00 | 2504.10 | 98.00  |   |

\* Reference section

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Unit: BASEMENT

| Well Name      | RT      | SS      | ISO      |
|----------------|---------|---------|----------|
| BONANZA M-71   | 5282.00 | 5255.20 | 13.00 +  |
| HIBERNIA G-55  | 3413.00 | 3383.30 | 47.00 +  |
| MURRE G-67     | 3155.00 | 3125.10 | 182.00 + |
| SPOONBILL C-30 | 2632.00 | 2602.10 | 125.00 + |