



U.S. Department of the Interior
Minerals Management Service
Gulf of Mexico OCS Region

Technical Announcement

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**Atlantic Outer Continental Shelf, Georges Bank
Compilation of Continental Offshore Stratigraphic Test (COST)
and Industry Exploration Drilling, 1976-1982**

OCS Report MMS 2000-040
Edited by Gary M. Edson, Donald L. Olson, and Andrew J. Petty

The Minerals Management Service (MMS), Gulf of Mexico OCS Region, has released a compact disc (CD), *Atlantic Outer Continental Shelf, Georges Bank, Compilation of Continental Offshore Stratigraphic Test (COST) and Industry Exploration Drilling, 1976-1982*. Ten wells were drilled offshore from New England on Georges Bank from 1976 through 1982. The first two wells were Continental Offshore Stratigraphic Test (COST) wells, drilled during 1976 and 1977 by energy company consortiums to gain geologic information prior to the initial offshore lease sale. After leases were awarded, eight industry exploration wells were drilled in 1981 and 1982. The disc captures this historic data.

The U. S. Geological Survey (USGS) released reports on the two COST wells in 1980 as open file reports. The Minerals Management Service (MMS) has now completed reports on each of the eight petroleum exploration wells drilled by industry. The MMS reports are taken from Agency files and contain no recent analysis. These reports contain information on drilling operations, sonic well velocities, lithologic and biostratigraphic interpretations, well log analyses, well temperatures, kerogen analyses, petroleum geochemistry, and geologic thermal history. All the MMS and both the USGS studies are contained on the disc, which also includes selected Operator-submitted original well data as .PDF and TIF files, and well logs as TIF images and LAS files.

The USGS publications are Open-file Report 80-268, Geological and Operational Summary, COST No. G-1 Well, and Open-file Report 80-269, Geological and Operational Summary, COST No. G-2 Well. The MMS reports are on the following wells:

- Exxon Corsair Canyon Block 975 No. 1 well
- Exxon Lydonia Canyon Block 133 No. 1 well
- Conoco Lydonia Canyon Block 145 No. 1 well
- Tenneco Lydonia Canyon Block 187 No. 1 well
- Mobil Lydonia Canyon Block 273 No. 1 well
- Mobil Lydonia Canyon Block 312 No. 1 well
- Shell Lydonia Canyon Block 357 No. 1 well
- Shell Lydonia Canyon Block 410 No. 1R well

Additionally, an accompanying summary report gives an assessment of the reliability and consistency of the well report data and interpretations. The summary also gives a more up-to-date assessment of the petroleum potential of Georges Bank basin; this assessment is based on geochemical data not available to MMS and USGS staffs in the 1970's and 1980's.

This compilation of the ten wells and the summary is available free on the MMS Internet homepage at www.gomr.mms.gov. It is now released on a single CD, OCS Report MMS 2000-040, at a cost of \$5. For information, contact:

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MMS is the federal agency in the U.S. Department of the Interior that manages the nation's oil, natural gas and other mineral resources on the outer continental shelf in federal offshore waters. The agency also collects, accounts for and disburses mineral revenues from federal and Indian leases. These revenues totaled nearly \$10 billion in 2001 and more than \$120 billion since the agency was created in 1982. Annually, nearly \$1 billion from those revenues go into the Land and Water Conservation Fund for the acquisition and development of state and federal park and recreation lands.

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MMS's Website Address: <http://www.mms.gov>

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