



Casing Design Review

Prepared for:

Energy Partners, Ltd.

For the:

**East Cameron 111 #2
OCS-G 25944**

By:

**Randal Garrett
Ronald D. Thomas, P.E.
November 3, 2011**

Casing Design Review
East Cameron 111 #2
OCS-G 25944

Executive Summary

We have reviewed the casing design and cement design for the East Cameron 111 #2 well planned to be drilled to 13,700' TVD/13,766' MD with the Hercules 265. The well will have 30" 309 ppf drive pipe driven to 401' TVD/MD for 235' of penetration. The 18-5/8" 87.5 ppf X-56 BTC conductor will be set at 800' TVD/MD and cemented, the 13-3/8" 68.0 ppf J-55 BTC surface casing will be set at 4,500' TVD/MD and cemented, a 9-5/8" 53.5 ppf HCQ-125 SLX intermediate casing string will be set at 10,000' TVD/10,066' MD and cemented, a 7" 32.0 ppf HCP-110 SLX liner will be run to 11,800' TVD/ 11,866' MD and cemented. The top of the liner will be at 9,800' MD. If the well is successful, a 5" 18.0 ppf G-105 SLF liner will be run to 13,700' TVD/ 13,766' MD and cemented. The top of the liner will be at 11,600' MD. The casing design is appropriate for the purpose intended under expected wellbore conditions and complies with the guidelines of the Bureau of Safety and Environmental Enforcement (hereinafter "BSEE") regulatory requirements, as published in 30 CFR 250. Energy Partners, Ltd. conservatively designed the casing and cement and no exception is recommended.

This report is solely an opinion and is subject to the accuracy of data and materials furnished by Energy Partners, Ltd., and the limitations, qualifications, and comments set forth herein. Only the material cited herein has been used to develop our opinion and no further investigation or independent review has been performed with regard to the proposed well.

This report has been submitted with the anticipation that the proposed casing plans provided to us on November 3, 2011 will be utilized when the well is drilled, except when actual conditions necessitate a deviation from the original plan and that all operations will be conducted in a good and workmanlike manner that complies with industry standards and all applicable governmental regulations. Additionally, it is assumed that all tangible equipment is new and that the tubular products will be inspected as per API 5 CT.

To the extent there is any deviation from the casing and cement plans submitted for review, this opinion may require revision.

This report is submitted solely for the use and benefit of Energy Partners, Ltd., its co-venturers, and its underwriters.

Reviewed by:



Ronald D. Thomas, P.E.
State of Texas
License No. 58788

