



[...]

## IV. SCOPE OF WORK AND CONTRACTOR'S OBLIGATIONS

### A. DRILLING WORKS

The **CONTRACTOR** must carry out, at its sole expense, all the Works to carry out the comprehensive drilling works of the wells, all of them in accordance with the standards and best practices of the Oil Industry, as well as with the specifications of the Contract. **PEP** shall deliver to the **CONTRACTOR** the user's bases or the well's basic information at least fifteen (15) days prior to the beginning of the drilling of the well and the **CONTRACTOR** shall prepare and submit to **PEP's** representative personnel, for its approval, the detailed program of the comprehensive drilling works at least eight (8) days prior to the beginning of the drilling of each one of the wells.

When PEP orders the contractor to drill and complete a well, PEP will pay for each designated well once it has been drilled, completed and delivered to PEP's satisfaction.

The **CONTRACTOR'S** obligations pursuant to this Chapter shall include, but not be limited to, the following:

- I. Drill the development wells under this contract in the locations indicated by PEP.
- II. Provide drilling equipment manned by the Contractor, including operation, all peripheral equipment and maintenance thereof, water required for operation, treated water for engines, and fuels, greases and lubricants required for the Contractor's drilling equipment;
- III. Mobilize and demobilize the Contractor's equipment, materials and spare parts necessary to perform the integral works, all this at the site of the work;

IV. Supply the materials and works including, geomembrane, drill bits, production bottom-gear, directional tools and MWD equipment for drilling, drilling fluids, final disposal of cuttings using applicable technologies and authorized by the competent authorities and the taking of geophysical logs in open hole and cased hole, cutting of cores, as well as their processing and evaluation; perform the work of introduction and cementing of casing (TR) and short liners, (services and necessary accessories) hanger, liner mouth packer shoes (*empacador de boca de liner zapatas*)( rubbing guide), as well as any combination that is required to link accessories, liners or packers.

V. Execute at PEP's instruction, the Complementary Drilling Works specified in this Exhibit DT-2.

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## **B. COMPLETION WORKS**

### **SCOPE OF THE GLOBAL ACTIVITIES FOR THE COMPLETION OF THE WELL**

Once the drilling works have been completed, the Contractor shall perform, at its sole expense, the work of completion of the wells, in accordance with the standards and best practices of the Petroleum Industry, as well as the Contract Specifications. The Contractor's obligations under this Chapter shall include, but are not limited to, the following:

- ✓ To carry out the completion works in the drilled wells, according to the provisions of this Chapter; to mobilize and demobilize the fracturing, testing, measuring and cleaning units, as well as the equipment and spare parts necessary to provide the works established in this Chapter;
- ✓ Supply the water required for its activities.
- ✓ Supply all equipment, operating personnel, design, materials, fluids, underpinner, valve half-tree, protector and works required to perform the activities established in this Chapter; and perform the laboratory analyses and tests necessary for the fulfillment of its obligations under this Chapter.
- ✓ The contractor shall verify the effectiveness of the perforations by means of an admission test and shall carry out the hydraulic fracturing work with underpinner in the intervals designated by PEP and shall carry out the cleaning works

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(reconnaissance of the interior depth of the well), measurement and production tests of the wells, all this in accordance with the stipulations of this Chapter.

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