**Drilling equipment layout (OPS.03.01.04)**

Drilling unit rig up may be started only with Layout of location of drilling equipment duly approved in place.

The layout should indicate location of main and auxiliary equipment, and other communications, specifying the distances from all items to well head. The layout should also indicate location of mud circulating system, spare and slugging tanks, fuel tanks, location and dimensions of earthen pits, drilling pumps connections schemes.

The drilling equipment location layout shall meet the following requirements:

* The arrangement of equipment should allow free access (entry) to all units and sets of drilling equipment, provide for safety and convenience of servicing and operation of such, replacement if necessary during the process of hole-making.
* The arrangement of equipment should allow free access for transportation means for delivery of process materials, fuel, casing tubing and other equipment.
* The arrangement of drilling equipment and location of slurry pits and other communications shall allow for assembly of BOP equipment and auxiliary units, considering BOP connections and requirements of blowout safety.
* The arrangement and assembly of electric equipment shall meet the requirements of «Rules for technical maintenance of electrical installations» and «Power systems safety standards».
* The arrangement of equipment should provide for fire safety on the site.

Follows the procedure of development of Drilling equipment layout:

* After a contract with drilling Contractor for provision of drilling operations is signed, Contractor shall submit to the Company drilling department a standard layout of drilling equipment specifying the sizes and dimensions.
* The standard layout received from Contractor shall be agreed with controlling authority of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and then approved by the Drilling Manager of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Company.
* As soon as the Layout approved, it shall be passed to Contractor for implementation.

(Persons in charge: Drilling Contractor and Drilling department of \_\_\_\_\_\_\_\_\_\_\_\_ Company).