Abstract

The invention relates to a hydrocarbon production facility, comprising: a hydrocarbon well (22); a hydrocarbon production line comprising: in the well (22), a production tube (24), and on the surface, an evacuation tube (26) from the production tube (24); on the surface, a source (34) of pressurized gas (38); an injection line (36) of pressurized gas (38) in the hydrocarbon production line, linked to the source (34) of pressurized gas (38); a pump (40) for circulation of hydrocarbon from the well (22) hydrocarbon circulation; a pneumatic motor (30) for supplying power to the pump (40), fitted on the injection line (36) of the pressurized gas (38) and adapted to be rotated by expansion of the pressurized gas (38). The invention also relates to a corresponding production method and an upgrade method of a facility.

Figure 3