

OIL DRILLING IN THE DESERT AND ITS DANGER TO WATER AND THE ENVIRONMENT

Berroura Abdelmounaim

Algerian Academy of Humanitarian Action and Human Rights
State office Blida 09100 Algeria

P109



SCOPE

Hydrocarbons were and still are the main source of energy that led many societies to the industrial renaissance. Hence the economic and social development, which is the lifeblood of many sectors and the driving force of industrial progress in particular and the economy in general. Most sectors continue to have hydrocarbons, and most heavy industries depend on this resource for that. Man sought to move the wheel of economic development by exploiting the largest amount of reserves, and that by intensification of production process, knowing that the global reserves of oil and gas will soon be depleted, as well as environmental problems generated from hydrocarbons, as it needs huge equipment and large amounts of energy, and in the end it has effects. It greatly affects the elements of the environment, so it was necessary to highlight ways to reconcile between hydrocarbons and the environment. In view of the above, and in order for us to study this topic,

Problems ?

1. What is the environmental impact of hydrocarbons during the exploration phase (drilling wells)?
2. What are the Corporation's procedures for preserving the environment?

These problems lead us to the following sub-questions:

1. What is the impact of fuels on the environment?
2. What is the regulatory and legal framework for protecting the environment from pollution caused ?
3. by hydrocarbons in Algeria? and What are the security procedures and instructions?

METHODOLOGY

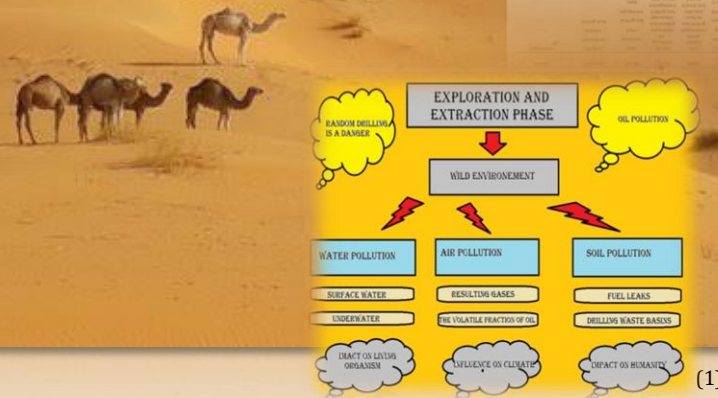
to the nature of the study centered on describing and analyzing the most important Environmental problems resulting from hydrocarbons and their solutions, therefore We relied on The descriptive analytical approach

RESULTS AND DISCUSSION

Through this study, we aim to:
✓ Identifying hydrocarbons in general and their stages, with a focus on the drilling stage.
✓ Efforts, methods and procedures used to protect the environment, safety and health Hassi Massoud in Algeria as an example.
✓ The problem of lack of interest and lack of environmental awareness in communities.

Table 1. Summary of the environmental impacts of the operations.

Activity	The water	The air	The soil	Human health
Exploration	drilling mud	drilling mud	drilling mud	drilling mud
Extraction	drilling mud	drilling mud	drilling mud	drilling mud
Processing	drilling mud	drilling mud	drilling mud	drilling mud
Transportation	drilling mud	drilling mud	drilling mud	drilling mud
Storage	drilling mud	drilling mud	drilling mud	drilling mud
Disposal	drilling mud	drilling mud	drilling mud	drilling mud



CONCLUSIONS

Through this study, we have come to prove the hypotheses as follows:

- ✓ Hydrocarbons and the stages of their extraction have a great impact and risks on the environment, as they require huge funds and equipment. To extract them, all of this makes a person vulnerable to risks
- ✓ The economic environment, the public sector and legislation to minimize industry impact and environmental risks.
- ✓ in the results resulting from the drilling and extraction process at the National Prospecting Corporation because of negligence and lack of attention. Taking instructions well from the human

The impact of the Negev and oil extraction stages on the environment.