

My professional formation

Performed by: student 212 group Pavlov A.A.

Who has influenced the choice of your future profession?

My choice of profession was influenced by two factors: big earnings and career growth

Describe your future job

When I finish my studies I will work as an oil and gas production operator

What skills are needed for your future job

The responsibilities of the operator for oil and gas production include:

- ❖ Management of technical processes
- ❖ Maintenance of machinery and equipment
- ❖ Well inspection and evaluation of it's structure
- ❖ Maintaining the desired operating mode
- ❖ Monitoring of instrument readings
- ❖ Cleaning of devices and equipment from contamination
- ❖ Scheduled repair and troubleshooting

What career path can you choose

I can manage technological activities for all methods of oil and gas production

What qualification will you get after the graduation from the university

After graduating from university I will be an engineer

Describe a typical day of a student in Russia

From 8 am to evening classes are held at the university, after classes the student needs to do his homework, then you can do your own business and go to sleep

What do you know about educational system in the UK

Advantages of studying in the UK:

- ✓ High quality education
- ✓ High level of teaching
- ✓ Independent choice of discipline
- ✓ Ensuring the comfort of students

What do you know about educational system in the USA?

Advantages of the studying in the USA:

- The main direction of study is the student's preferences aimed at the future profession
- A large selection of educational institutions and specialties
- Integration with employers
- Optimal distribution of the training load

Speak about the University you study at

Our university is one of the oldest universities in the Volga region. It has a rich history and established traditions. Today it is more than 20 thousand students and teachers. All of them are patriots of their university, rooting for it's fate. "Polytech is always the first!". The staff of Samara State Technical University works and studies under this motto in the XXI century. It was founded in 1914. In the beginning it was called Samara Polytechnic Institute. In 1934, several educational institutions merged. As a result, the Middle Volga Industrial Institute was formed.

Do you know any famous scientists in your sphere of knowledge?

Ivan Mikhailovich Gubkin – organizer of Soviet petroleum geology. Academician of the Academy of Sciences of the USSR (1929), vice-president of the Academy of Sciences of the USSR (1936), chairman of the Azerbaijan branch of the Academy of Sciences of the USSR (1936-1939). Laureate of the Prize.

Name the invention that you consider important in your sphere of knowledge

Infrasound exploration of deposits.

High accuracy of field search is a prerequisite for the rapid detection and successful extraction of oil and gas deposits.

What challenges do people of your occupation can experience

High level of responsibility

Stressful work

Shift method in the north

Dangerous working conditions

Harm to health

What are your future professional plans

I want to become the head of the oil and gas production department.

What technologies can be used in your job? What advantages and disadvantages do they have

Methods of oil extraction:

1. The primary method is that oil comes from the reservoir under the action of natural forces that maintain high pressure in the reservoir, for example, the replacement of oil with groundwater, the expansion of gases dissolved in oil, etc.
2. Secondary method – after the natural resource of pressure support has been exhausted, when it is no longer sufficient to lift oil, the use of secondary methods begins.
3. The tertiary method is one of the methods of oil production that increase the productivity of oil wells. It is carried out by artificially changing the physico-chemical properties of oil.

Is it difficult your find a job in your field? Why?

Very difficult to find a job in my specialty because this job requires competent specialists with work experience

What personality traits should a professional in the sphere of your future occupation possess

- Good coordination of movements
- Technical thinking
- High level of stability
- Concentration of attention developed spatial imagination
- Logical thinking
- Good reaction caution
- Diligence
- Attentiveness
- Confidence
- Thoroughness
- Accuracy
- Responsibility

How you can contribute to the chosen professional field

I can help my employer to increase oil production as well as organize the correct coordination of personnel actions

Does work experience increase employability in your field? Why?

Yes, an operator with extensive experience and qualifications can also manage subordinates, organize the installation and dismantling of equipment

**Where would you like to work and why?
Describe work details of the jobs**

I already work in Rosneft and I like my job