

DRILLING AND COMPLETION OF OIL AND GAS WELLS WORKSHOP

1. Oil and Gas Well Drilling: A Simple Explanation

Drilling for oil and gas is an important job around the world. Different countries drill for oil and gas in different ways and at different places. The drilling equipment can be big or small, and you can find oil and gas deep underground or under the sea.

The great thing about drilling is that it helps us get fuel for cars, gas for cooking, and oil for many products. The drilling process is not too difficult if you have the right tools and follow the steps.

To drill a well, you need a drill rig, a drill bit, pipes, and drilling fluid. You also need safety equipment like helmets and gloves.

Steps to Drill a Well:

1. **Prepare the Area:** Clear the ground and set up the **drill rig**.
2. **Start Drilling:** The **drill bit** cuts into the ground, going down to find **oil or gas**.
3. **Add Drilling Fluid:** This fluid keeps the **drill bit** cool and brings **rock pieces** to the surface.
4. **Check the Well:** Make sure the **well** is safe and working properly.
5. **Get the Oil or Gas:** Once ready, the oil or gas is **pumped up** through the **pipes**.

When the **well is ready**, oil and gas can be used to **produce energy** for homes, cars, and industries.

True or False Questions:

1. Oil and gas drilling can happen under the sea.

TRUE

FALSE

2. You only need a drill bit to drill a well.

TRUE

FALSE

3. Drilling fluid helps keep the drill bit cool.

TRUE

FALSE

4. You do not need safety equipment when drilling a well.

TRUE

FALSE

5. The drilling process is the same in every country.

TRUE

FALSE

2. Identify the verb (regular and irregular) and turn into each one of the verb tenses

INDICATIVE	3THIRD PERSON P.S	VERB ING	PAST	PAST PARTICIPLE
Forget				
Live				
Eat				
Push				
Try				
Reach				
Fly				
Write				
Take				
Understand				
Drill				
Choose				
Check				
Go				
Extract				
Do				
Maintain				
Have				
Design				
See				

3. Complete the crossword with the following irregular verbs in past participle

CROSSWORD



DOWN	ACROSS
1. CONOCER P. P	5. COMER P.
2. HABLAR P. P	6. IR P.
3. VER P.	9. TOMAR/COGER P. P
4. CONOCER/ENCONTRAR P.	10. LEER P. P
7. TIRAR/ARROJAR P.	11. CAER P. P
8. HACER P.	12. DAR/ENTREGAR P.
11. OLVIDAR P. P	13. ESCRIBIR P. P
14. VOLAR P.	16. MONTAR/MANEJAR P. P
15. QUEBRAR/ROMPER P. P	18. ENTENDER P. P
17. DESPERTAR P.	19. VENIR P.

P. = PAST
P. P = PAST PARTICIPLE

4. Identify and correct the error in the following sentences

SENTENCE	CORRECTED SENTENCE
1 The drilling crew <i>work</i> efficiently every day	
2 The oil manager <i>were</i> <i>runing</i> the drilling staff.	
3 The crew are <i>going to fixes</i> the equipment tomorrow.	
4 The drilling team <i>have complete</i> the project successfully.	
5 The drilling team is on the rig two days ago.	
6 The oil company invests in employee development programs.	
7 The drilling process <i>will</i> requires precision and accuracy	
8 The factories did not built the tubes for drilling yesterday.	
9 Had the engineers <i>had analyze</i> the data before making decisions	
10 The drilling crew do not perform daily safety checks.	

5. Turn the following sentences from affirmative into negative; negative into interrogative; interrogative into affirmative from the point 4.

1	
4	
8	
9	
10	