

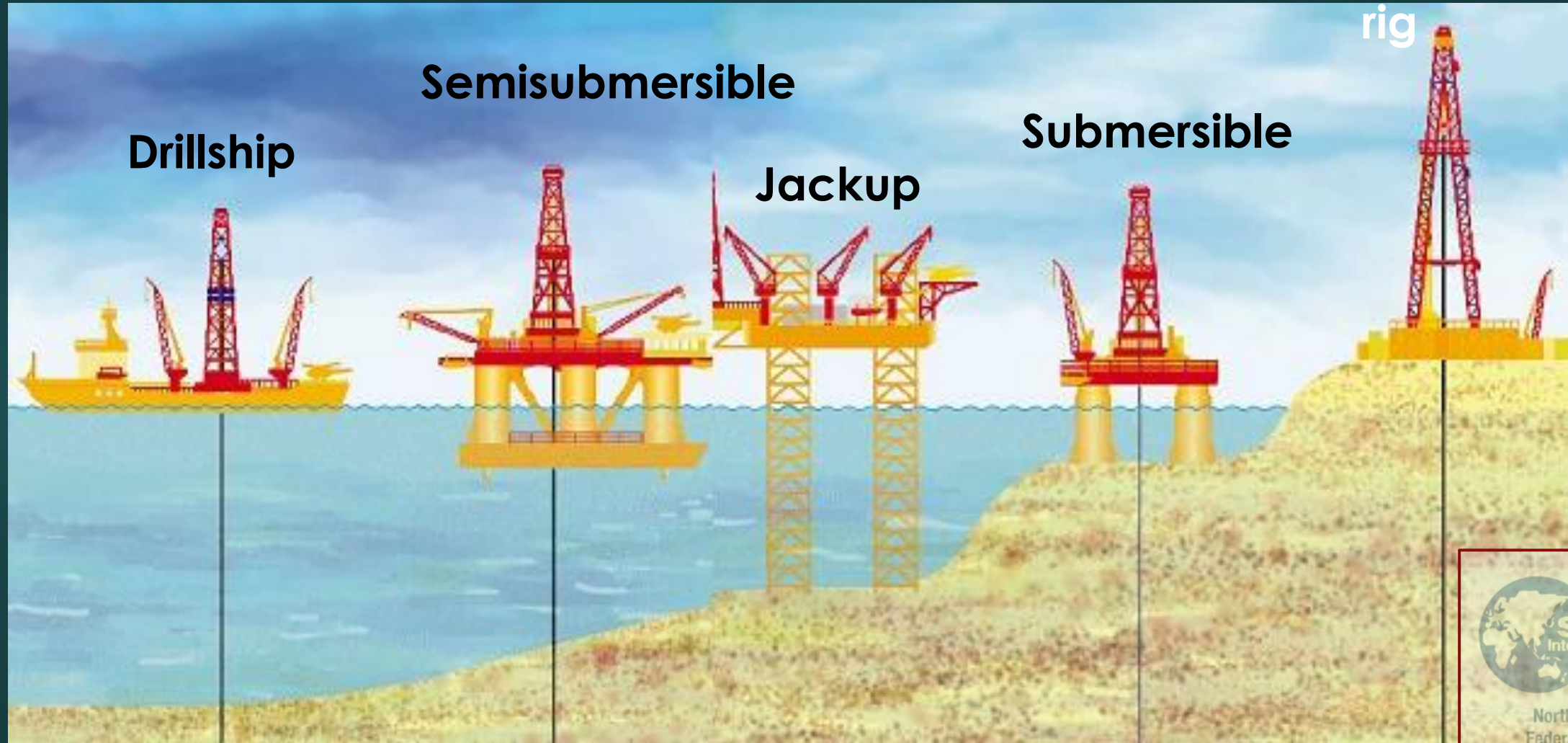
English Club



The 1<sup>st</sup> meeting



# Drilling rig - The machine used to drill a wellbore.

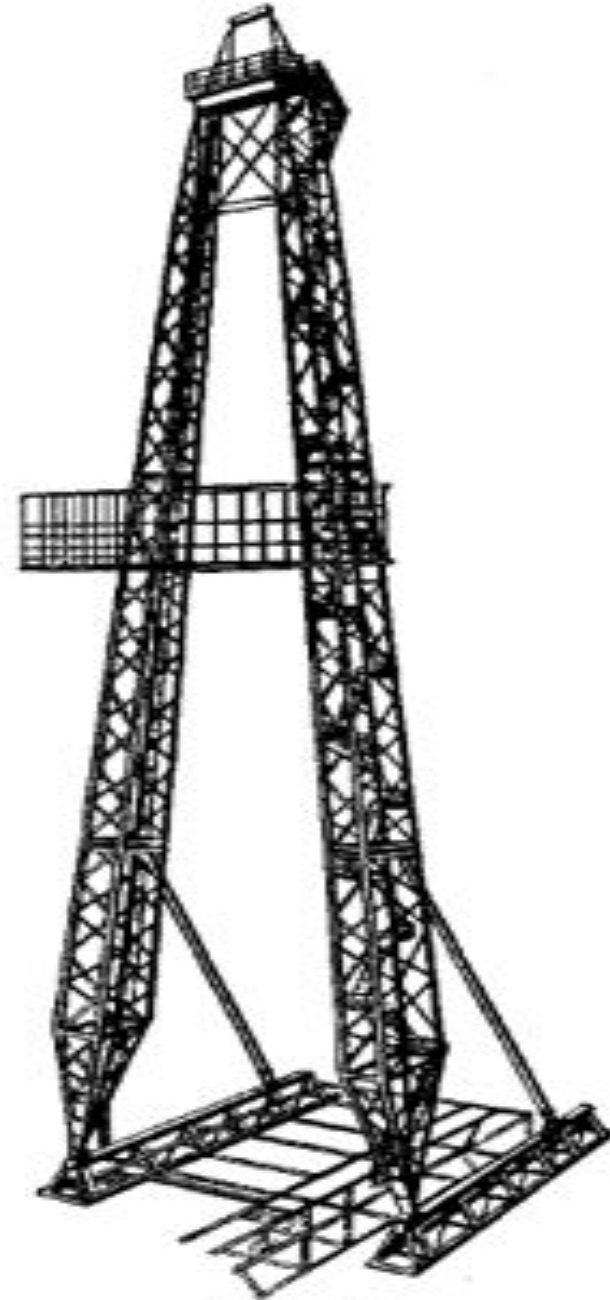


Land  
rig

**Derrick** - The structure used to support the crown blocks and the drillstring of a drilling rig.



Tower type



A-shaped



**Monkey board** - The small platform that the derrickman stands on when tripping pipe.



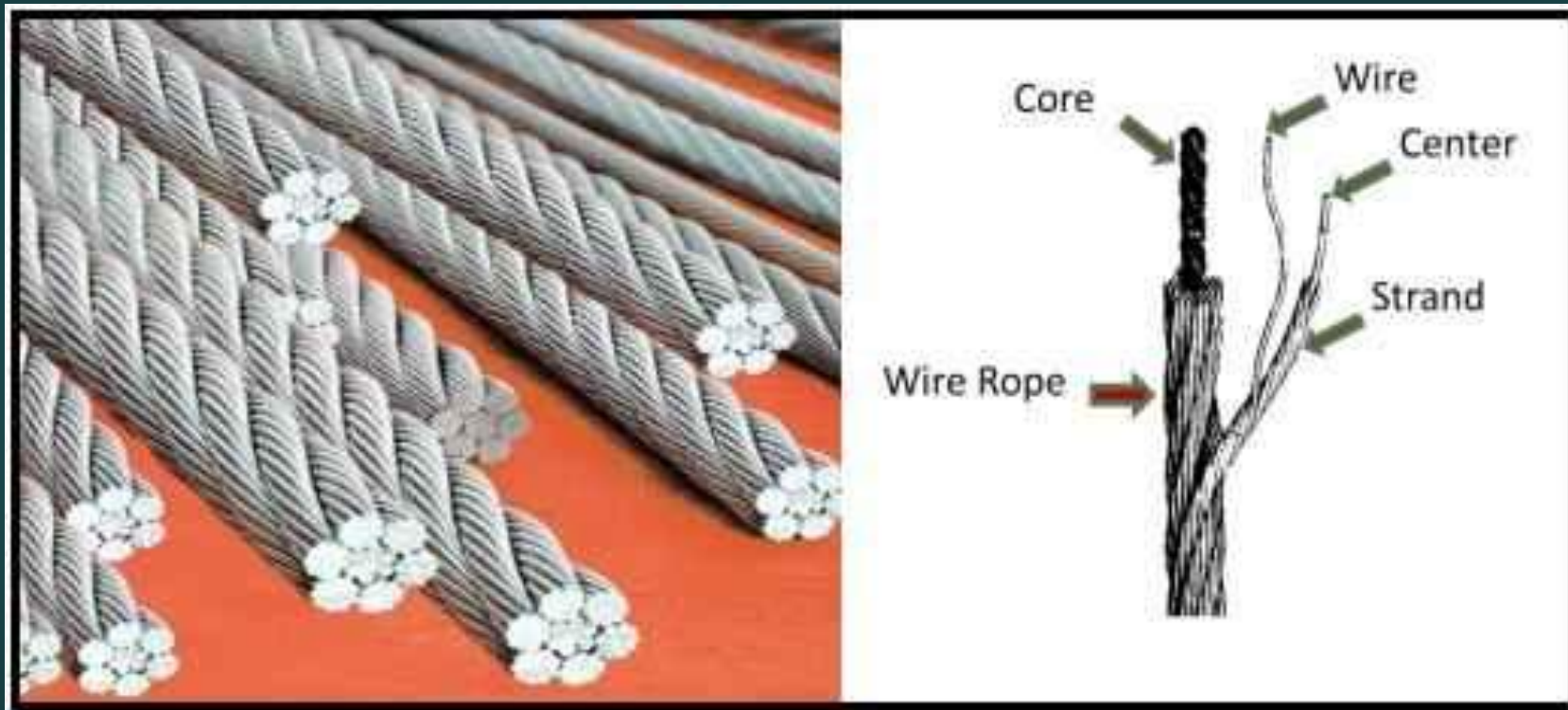
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**Crown block** - The fixed set of sheaves located at the top of the derrick or mast.



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**Drilling line** - the wire rope connecting the drawworks, crown block and traveling block that is used to raise or lower drill pipe or casing from or into a well



**Traveling block** - The set of sheaves that move up and down in the derrick.



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**Hook** - equipment used to hang various other equipment, particularly the swivel and kelly, the elevator bails or topdrive units.



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**Rotary hose/ Kelly hose** - the flexible hose that transfers the drilling mud from the stand pipe to the top of the drill string via a swivel coupling



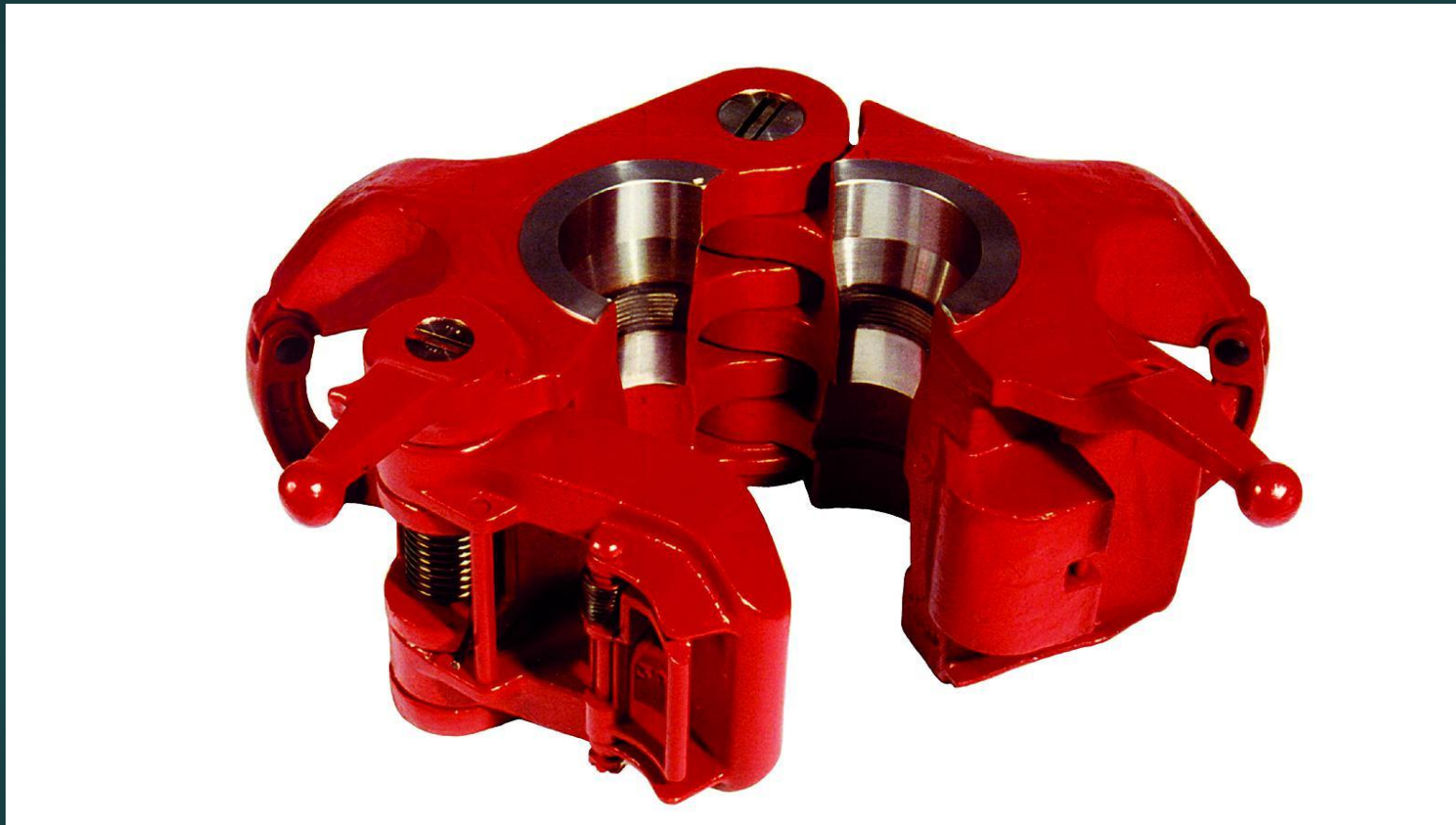
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**Swivel** - A mechanical device that suspends the weight of the drillstring.



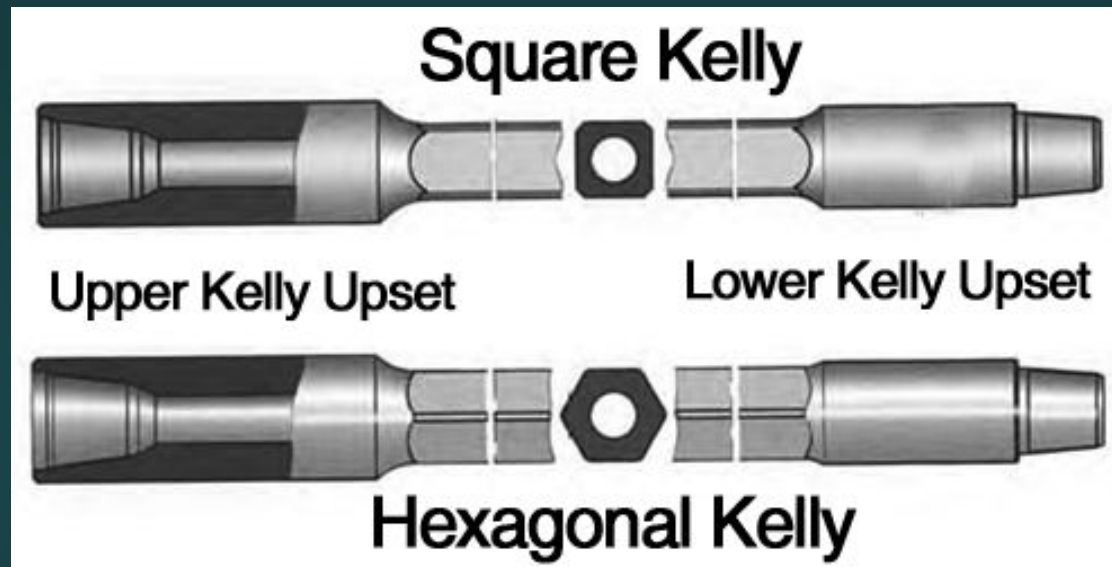
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**Elevator** - A mechanism that may be closed around drillpipe or other drillstring components

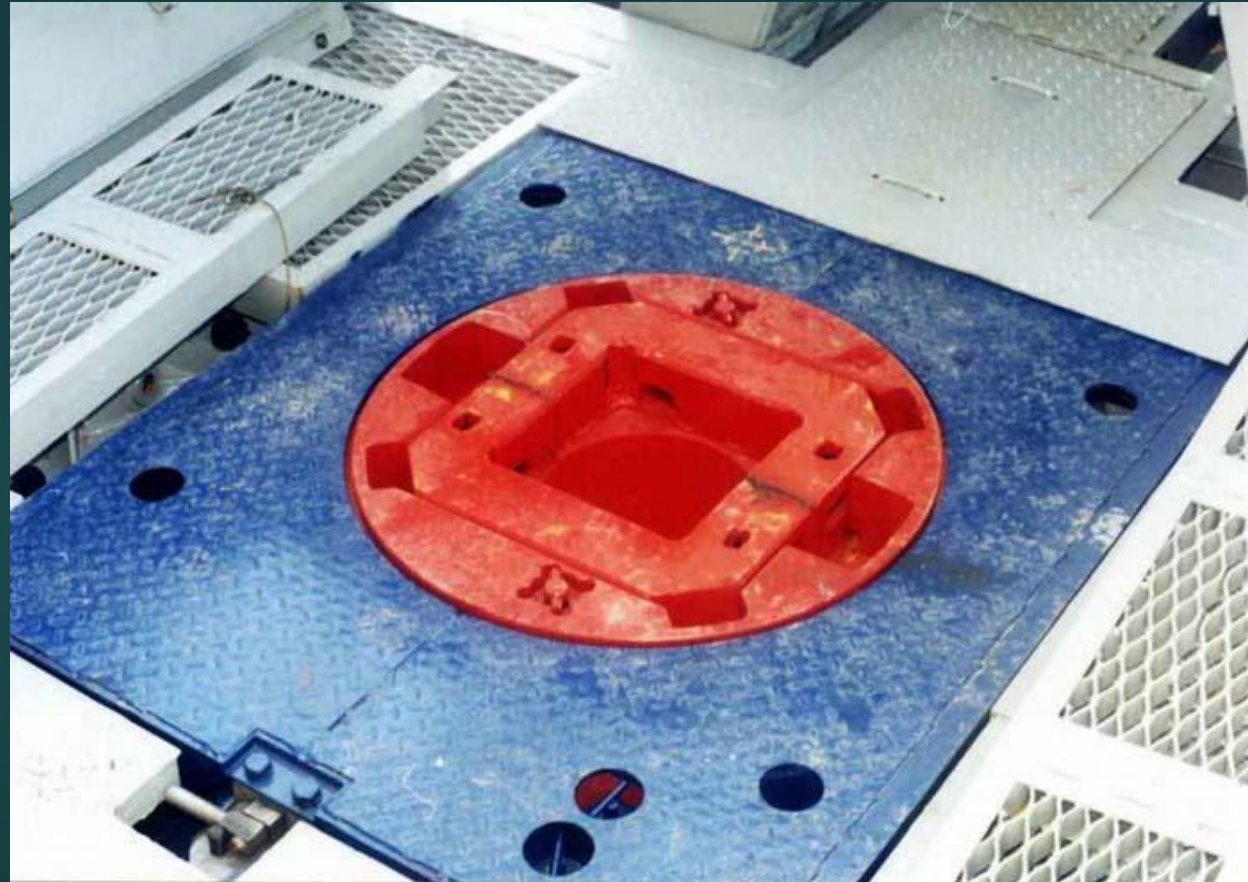


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**Kelly** - A long square or hexagonal steel pipe is used to transmit rotary motion from the rotary table



**Rotary table** - The spinning section of the drillfloor that provides power to turn the drillstring in a clockwise direction



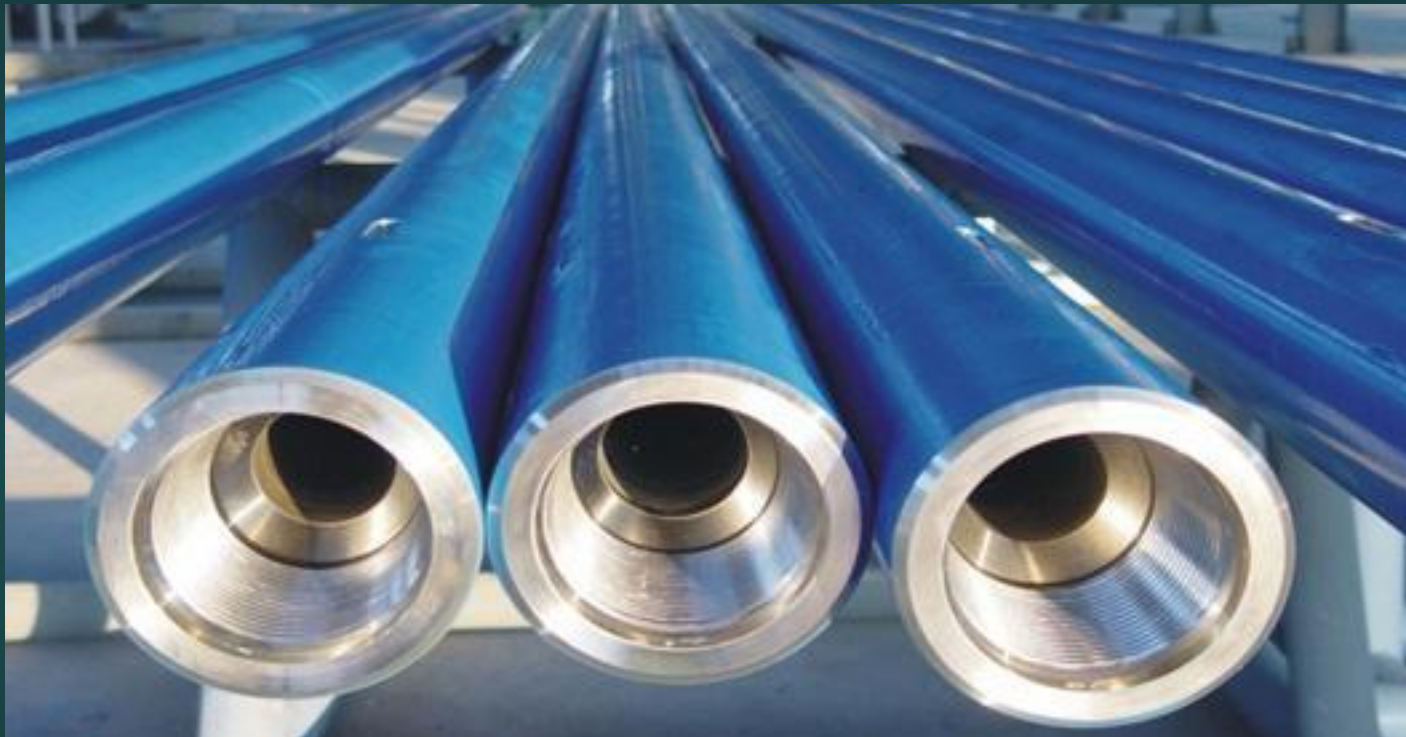
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**Drill pipe** - Tubular steel conduit fitted with special threaded ends called tool joints.



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**Drill collar** - A component of a drillstring that provides weight on bit for drilling.



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**Drill bit** - The tool used to crush or cut rock.

PDC bit



Cone bit



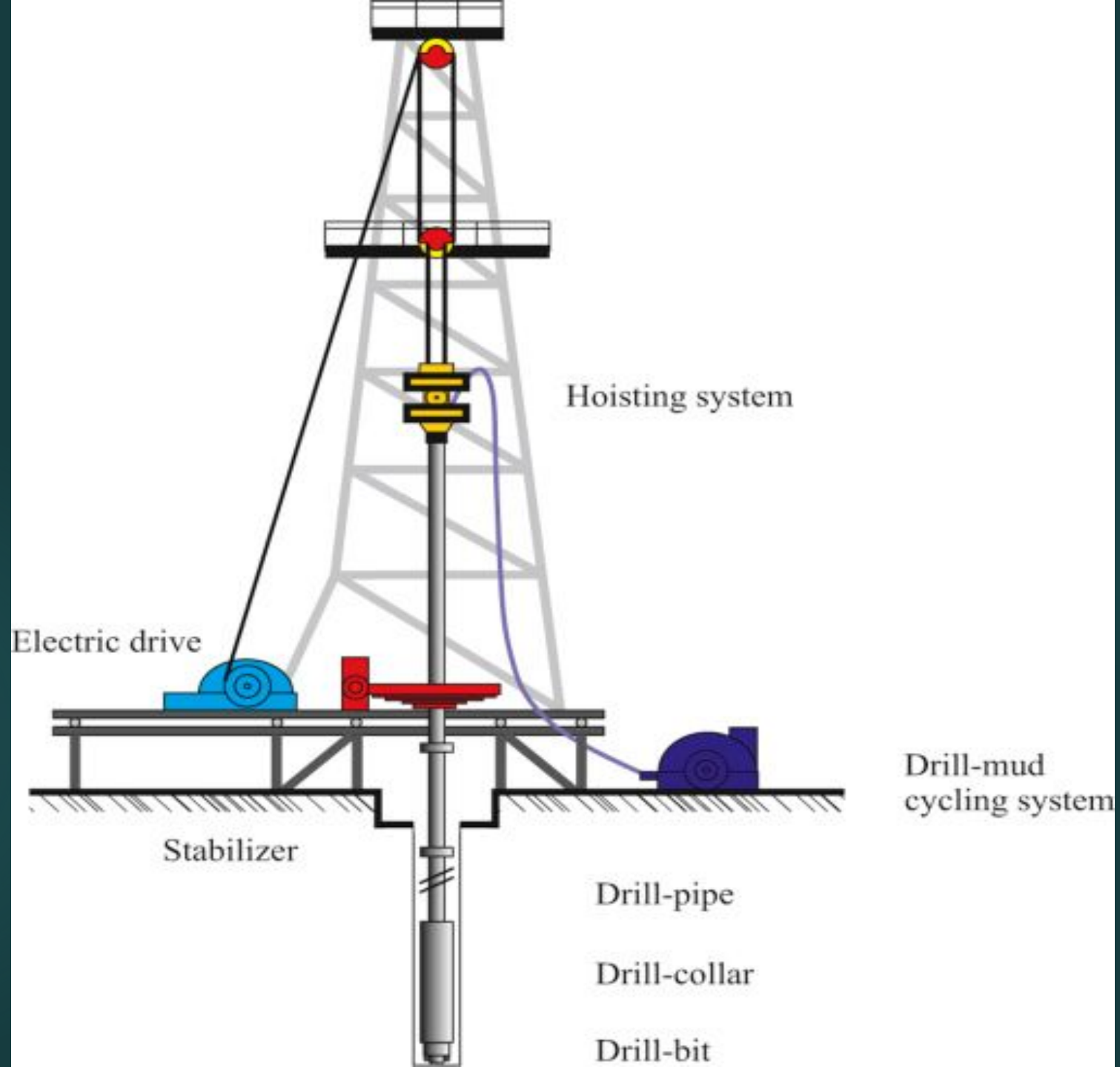
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**Drill string** - The combination of the drillpipe, the bottomhole assembly and any other tools used to make the drill bit turn at the bottom of the wellbore.



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Today's lesson

Brief explanations

Simple sentences

Oil and Gas Terminologies

Game

HERE

YOU

WITH

NOW

STARTING

IS

AMERICAN ENGLISH GRAMMAR

- Be called
- Be used
- Be made

## Today's lessons

## Brief explanations

- The verbs "be" + "call" are used to name things.
- The verb phrase "(be) used" is often applied when describing machines and gadgets.
- The verbs "be" + "make" can indicate where, how, when, and of what material something is created. It's extremely useful when describing the production of things.

- A: What are these animals called in English?
- B: They're called deer.
- **This camera is used** for taking pictures.
- A: What is this vase made of?
- B: It's made of clay.

## Sample sentences

## OG terminologies

- Drill bit **IS USED** to crush or cut rock
- Drilling line **IS MADE OF** multiple thread wounded wire ropes
- The machines used to drill the wellbore **IS CALLED** drilling rig

- Puzzle
- Translation
- Conversation
- Watch learning video

## Game

