



Xinhua Hengshan Water Well Drilling Rig

What is China's 'shenditake 1' drilling rig?

“With more than 90 percent of the drilling system components domestically developed, these self-developed technologies form the bedrock of China's capability to pioneer ultra-deep and geologically complex exploration frontiers,” said Li Yahui, chief designer of the “Shenditake 1” drilling rig.

How deep is China's oil & gas exploration capability?

*Completing the drilling of “Shenditake 1,” the second deepest vertical well across the world, has strengthened China's ultra-deep oil and gas exploration capabilities. *The Tarim Basin is China's largest deep-earth oil and gas reservoir, with 83.2 percent of its deep oil resources and 63.9 percent of its deep natural gas buried below 6,000 meters.

Where is Owainat water well project?

This photo taken on May 3, 2025 shows a well-drilling rig at night at the site of Owainat Water Well Project in the desert of New Valley Governorate, Egypt. (Xinhua/Sui Xiankai) As summer begins, patches of lush farmland stretch across Egypt's Western Desert, an area that, until recently, was dominated by sand and rocks.

How has China improved its oil & gas exploration capabilities?

(Xinhua/Hu Huhu) Completing this well has strengthened China's ultra-deep oil and gas exploration capabilities. With upgraded domestically-developed drilling technologies and equipment, scientists have also made a significant step forward in understanding the Earth's history, geological evolution and ancient climate changes.

How long has a 'shenditake 1' well been drilling?

After such continuous effort, the well has penetrated 12 geological formations, ultimately reaching rock layers that date back over 500 million years. Wen Liang, one of the lead technicians on the “Shenditake 1” project, described the immense challenges faced during drilling.

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SIMCO Drilling Equipment is proud to offer a wide range of drilling rigs that are designed to meet the requirements of various drilling projects. We offer drill rigs specifically engineered for water ...

Hydraulic crawler mounted drilling rigs, with a pull up capacity ranging from 10 to 50 tonnes, configured for rotary drilling with single-head systems, designed ...

BEIJING/URUMQI, Feb. 20 (Xinhua) -- China National Petroleum Corporation (CNPC) announced Thursday



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that it has completed the drilling of the deepest ...

Discover the key factors to consider when choosing a water well drilling rig. From evaluating drilling requirements to understanding rig types, ...

How China's Water Well Rigs Will Drill Deeper for Groundwater by 2025 With climate change getting tougher, the population growing, and demand for water ...

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The Heart of Water Well Construction: Water Well Drilling Rigs Water well drilling rigs are the unsung heroes of water supply systems. These powerful machines play a pivotal role in ...

Small Water Well Drilling Rigs Experience exceptional quality, unmatched support, and innovative solutions with Drillrig's range of drilling machines. Let Drillrig take your drilling aspirations ...

In 2025, Chinese water well drilling rig manufacturers are playing an increasingly vital role in the global market. Not only are they winning customer ...

*To support the project, CNPC developed the world's first 12,000-meter automated drilling rig and a suite of advanced ultra-deep well logging ...

By 2025, after years of technological accumulation and market refinement, China's water well drilling rig manufacturing industry will have formed a complete industrial chain and a ...

Workers transport a well-drilling rig at the site of Owainat Water Well Project in the desert of New Valley Governorate, Egypt, on May 3, 2025. Over 1,300 kilometers away from ...

With climate change getting tougher and global water resources becoming scarcer, the water well drilling rig industry can't just chase efficiency and production anymore. ...

As the most dynamic and powerful rigs Lone Star has to offer, the trailer-mounted hydraulic drills maximize drilling efficiency. Hydraulic power boosts performance and accelerates productivity, ...



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Water well drilling rig is designed and manufactured by Beijing Jincheng. There are kinds of machines as borehole drilling machine, such as ...

Water Well Drilling Rig China Experience exceptional quality, unmatched support, and innovative solutions with Drillrigy"s range of drilling machines. Let Drillrigy ...

Truck mounted water well drilling rig This serie drilling rigs are directional rotary drilling rigs which are suitable for soil,sand,clay, rock etc stratum. Their ...

Hydraulic crawler mounted drilling rigs, with a pull up capacity ranging from 10 to 50 tonnes, configured for rotary drilling with single-head systems, designed and built to meet the different ...

Discover the key factors to consider when choosing a water well drilling rig. From evaluating drilling requirements to understanding rig types, power, & cost.

Drilling Rigs Built For Depth When you evaluate drilling rigs, you're looking for depth. You want a drill rig that performs and looks beyond the surface to help ...

China leading drilling rig manufacture for air leg rock drill, gasoline rock drill, water well drilling rig, pneumatic pavement breaker, roof bolter

Our water well drilling rig factory covers a large area and has modern production plants and office buildings. We can produce various types of water well drilling rigs, including hydraulic water ...

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Our main product lines include water well drilling rigs, high-pressure air compressors, and high-pressure DTH drilling tools. These products are widely used in agricultural irrigation, rural ...

Henan Rancheng Machinery Co., Ltd: We are professional manufacturer of water well drilling machine, core drilling machine, DTH drilling rig, rotary drilling rig, anchor drilling rig, solar pile ...



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