



Drilling rig star machine

Why did star come up with portable drilling rigs?

As the cost of fuel and scarcity of water became problems for steam rigs in some arid areas, Star came up with portable drilling rigs powered by gasoline which were put into general use in the 1920's. Steam machines already at work could be easily converted to gasoline according to a Star bulletin.

What is a star rig?

Star advertised various models for light drilling which was mostly water well work. Such machines had capabilities to 150-300 feet. Abandoned Star rigs (or what are sworn to be Star) are still out there in the Pennsylvania oilfields. There are perhaps more of this make than any other.

What is a K Star drilling machine?

Inscription. This is a Model K Star Drilling Machine, also called a "spudder". Drilling machines such as this one were used for two purposes: 1. To drill the initial hole for a rotary-drilled well. 2. To drill a complete oil well at shallow depth (1,000-3,000 feet). This drilling machine used a cable tool rig to drill.

What did a driller do on a rig?

This machine had a drilling crew of two men, the driller and the tool dresser. The driller was in charge; his main duty was the operation of the drilling equipment. The tool dresser sharpened the bits on a portable forge, dumped the bailer, and did other chores around the rig.

What kind of engine does a star machine have?

The Star gasoline powered units such as their "E" type machines had a Hercules 90 HP engine mounted on the machine frame. Other models had 45 HP. A Star Natural Gas Attachment allowed changing from one fuel to the other by simply closing one fuel line and opening the other. Star also had an electric power unit for drilling.

Where were oil drilling machines made?

Beginning in the 1890s and continuing until after WWII, perhaps the most widely used drilling machines in the oil patch were manufactured by the Star Drilling Machine Company of Akron, Ohio. That company boasted that their Akron facility was, "The largest factory in the world manufacturing only portable drilling machines."

When you need a powerful drill for tight spaces, or you simply want to grow your business, turn to Little Beaver. For hard-hitting power in the most rugged conditions consider Lone Star Drills" ...

Mobile Drilling Rig Experience exceptional quality, unmatched support, and innovative solutions with Drillrig's range of drilling machines. Let Drillrig take ...

Drillers seeking versatile water well drill rigs with power and reliability to tackle water well drilling,



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geothermal drilling, and cathodic protection drilling choose ...

This catalog displays the drilling rigs and drilling equipment produced by The Star Drilling Machine Company, with headquarters in Akron, Ohio, in the 1930's. The catalog itself ...

A super performer bore hole drilling rig with a pull up force of 10000 kg capable of drilling 6 ½" diameters up to 363 m depth. Drilling hole size range from 6 ½" - ...

Apparently this engine could serve a standard rig, but it is questionable if it could be accommodated on board the portable cable tool rigs pictured by National at that time. Perhaps ...

LS200H Hydraulic Water Well Drill LS200H Hydraulic Water Well Drilling Rig The LS200H is excellent for drilling applications that require the added power and ...

Sun Machinery is the place for contractors to buy and sell rigs and vessels and related equipment. Our database contains thousands of used equipment for sale, which are presented and ...

Understanding Water Well Drilling Machines Water well drilling machines, also known as drilling rigs, are specialized equipment designed to create boreholes in the earth. ...

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The first pic is an advertising postcard put out by Star which shows some of their traction machines doing rock drilling for a railroad. If you look ...

The LS400T+ Water Well Drill is the largest in the Lone Star line, boasting a 400-foot drilling depth. The drill's hydraulic system features pull-back force of up to 15,000-pounds and push ...

Exporter of Water Well Drilling Rigs - Max Drill Rig, PRD Max Drill Rig, Trailer Mounted Water Well Drilling Rigs offered by Paranthaman Exporters, Perundurai, Tamil Nadu.

Lone Star's Drills are available in sixteen models and used in a variety of applications including water well drilling, soil sampling, geotechnical testing and auger drilling.

We can drill from 6 up to 24" cased holes with the DR Drill Rig and can install 24" casing, to any depth depending on soil conditions. With 250 Caldwell boring ...

Trailer-Mounted Water Well Drills As the most dynamic and powerful rigs Lone Star has to offer, the trailer-mounted hydraulic drills maximize drilling efficiency. Hydraulic power boosts ...



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In addition to photos of machinery, we also host other images related to manufacturers of old woodworking machinery. Most images are scans of things like ads, articles on the company or ...

Lone Star Drills are proud to provide a viable, economical solution to water well drilling. Commonly used by missionaries for water projects in developing ...

LS200H Hydraulic Water Well Drill LS200H Hydraulic Water Well Drilling Rig The LS200H is excellent for drilling applications that require the added power and durability of a hydraulic ...

Rotary Drilling Rig Experience exceptional quality, unmatched support, and innovative solutions with Drillrigy's range of drilling machines. Let Drillrigy take ...

This particular spudder was manufactured by the Star Drilling Machine Company in Ohio about 1939. It was designed to operate at depths of from 1,500 to 2,500 feet and was ...

The Star Drilling Machine Company in Akron Ohio made steam engines from the late 1880s to the end of the 1930s. Their 1920 catalog lists 13 different sizes of steam engines from 5" x 5" up to ...

Explore the different parts of a drilling rig at Rig Source. We provide top-of-the-line drilling machinery to sell the best auger drill bits and drill rods.

The LS300T+ Water Well Drill offers ultimate performance in a complete package, featuring our most powerful hydraulics for drilling 6-inch boreholes up to 300 feet in any conditions, including ...

Discover high-quality drilling solutions with Sinocoredrill, a leading China manufacturer of drilling rig equipment and accessories. Our extensive range ...

The Star Drilling Machine Company was located at 502 Washington Street, Akron, OH. they were known to have built well drilling rigs that used both steam or gas engines of ...

Star Drilling offer professional drilling services on a diverse range of drilling projects across Australasia, from high profile infrastructure to environmental, geotechnical and exploration. ...

Some time ago we acquired two of these steam powered drilling machines and one of them is now back in working condition. You can read the fully story here and view the photo and video ...

LS-T1 Trailer Mounted Water Well Drill Trailer Mounted Water Well Drilling Rig The LST1 drill offers the perfect combination of performance and portability. ...

KS Java Star 3 is a newbuild jack-up drilling rig owned by KS Drilling. It has several advanced features including increased deck space, dual ...



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Hi, I have a Star Drilling Machine Co. steam? powered forge blower, that is missing the back cover. Does anyone have a brochure/photo or any other info on this unit ...

The Impact of AI and Machine Learning on Drilling Rig Performance Discover how AI and automation are transforming the drilling industry--boosting efficiency, ...

Web: <https://www.kwa-andries.co.za>