

Two Stage CRUSHING IN ONE MACHINE!

Fulfilling an urgent need in the industry, the GUNDLACH "Two Stage" Crusher has delivered over 855 usable cubic feet from an Illinois mine run pit.

**MATERIAL SIZE CAN
BE CHANGED WHILE
MACHINE IS RUNNING**

The GUNDLACH "Two Stage" Coal Crusher incorporates two crushing stages in one machine and is designed to reduce bulk material to STOKER COAL in ONE operation. Compact design... efficient structural supports and installation. Engaged simple construction combined with engineering proved in the field makes the machine a profitable and reliable unit.

All Gundlach Crushers are equipped with Gundlach heavy-duty roller. (Pat. No. 2,375,540)

Crusher is powered without lagging and speed gear, has a delivery complete.

T. J. GUNDLACH Machine Co., Belleville, Ill. WRITE TODAY FOR CRUSHER CATALOG P-3

More POWER NEWS

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tact the coordinator of the program, Charles H. Marks, Bituminous Research, Inc., 980 Kinnear Rd., Columbus 8, Ohio.

American Petroleum Institute Withdraws Approval of Oil Tables

AMERICAN PETROLEUM INSTITUTE, in an action that will affect thousands of contracts, recently announced that it is withdrawing its approval of the National Standard Petroleum Oil Tables issued in 1936. The Institute said that the American Society for Testing Materials and the Institute of Petroleum have published a volume of recalculated and extended Petroleum Measurement Tables and that API is endorsing these as the new national standards.

The Executive Committee of the API Board of Directors voted approval of the change at a meeting in White Sulphur Springs, W. Va. The action came at this time to give the industry as much advance notice as possible for substitution of the tables in regulations, tariffs and contracts.

The Corps of Engineers has ordered new surveys of eight sites for multi-purpose dams on the middle Snake River basin. In directing the Walla Walla district office to undertake the studies, Maj Gen Samuel D. Sturgis, chief of the corps, said Congress had provided \$140,000 for the reports that are to be presented to Congressional committees next January.

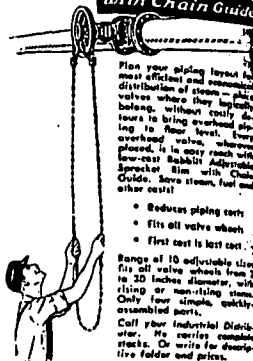
Sites to be studied are Nez Perce and Mountain Sheep on the Snake; Crevica on the Salmon River; Kootika, Forks and Penny Cliffs on the middle fork of the Clearwater River; Elkberry and Bruce Eddy on the north fork of the Clearwater.

In its 1950 survey of the Columbia basin, the Corps presented Nez Perce and Hells Canyon as jointly offering maximum storage benefits from the middle Snake; Crevica, the best adapted to development on the Salmon; the Kootika, the best on the Clearwater system. All four have become involved in controversy aside from hydropower questions. Hells Canyon storage potential has stirred upriver irrigation advocates who foresee infringement water rights by power requirements; Crevica and Nez Perce, because these would create barriers against salmon runs to spawning grounds claimed by fish interests to be the finest in the Columbia's upper basin area; Kootika, because it would flood four towns and 183 miles of roads in rugged Idaho mountains where route location is valued.

Some of the sites have been advocated as alternatives to the controversial Hells Canyon dam spotlighted in recent FPC hearings on Idaho Power Co.'s proposal to build three low-head hydropower structures in the Snake basin in the near future.

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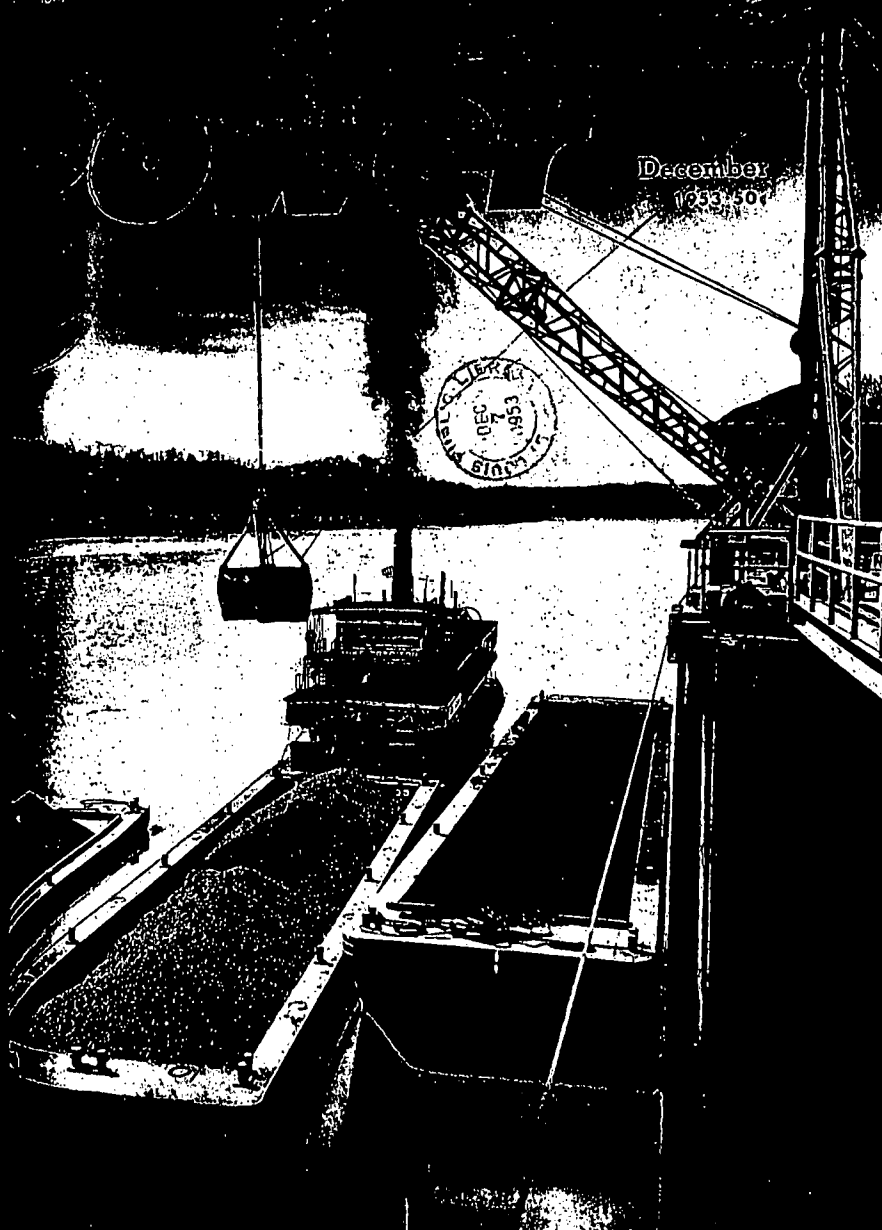
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