

Refinery From Texas Now in Use At Canol; Shipping Was Problem

WHITEHORSE.—A refinery, dismantled in Texas and a power plant from Ontario, transported thousands of miles to the Canadian Northwest, is now operating at Whitehorse, Yukon Territory, marking the final step in completion of the Canol project.

Crude oil pumped through the recently completed pipeline from Norman Wells, Northwest Territories, site of the oil field, arrived at the plant April 16.

After reserve stock was built up and the actual testing of the refinery process completed, the first refined products started flowing into the storage tanks April 30.

Tons of Steel

Tons of steel were used in the refinery's construction, in addition to the Bareco refinery from Corpus Christi, Texas, which was dismantled and shipped by rail to Prince Rupert.

From there it was shipped by boat to Skagway, Alaska, and then over the narrow gauge White Pass and Yukon route to Whitehorse.

To assure that many of the huge pieces of equipment would pass through tunnels and around sharp curves, wooden models were tested on the flat cars before shipment of the actual parts was attempted. At times greased planks were used to ease equipment around sharp curves.

A power plant was dismantled at Hamilton, Ontario, and transported over the same route.

The refinery will furnish aviation fuel for the planes using the series of airfields between Edmonton and Fairbanks, Alaska; gasoline for the trucks and army equip-

ment traveling over the 1,523-mile Alaska Highway and diesel fuel for use in tractors and other similar equipment.

1,500 Workers

Fifteen hundred men worked throughout the winter of 1943-44, sometimes in temperatures as low as 35 degrees below to rush the refinery to completion in time to process the crude from the oil field as it arrived.

It was necessary to design and construct a complete water distribution system for the needs of the refinery.

Tank farms were laid out in preparation for the storage of crude and the finished products.

Work Is Begun On Yale's Line

Construction of the northern end of the 81-mile pipeline of Yale Oil Pipe Lines, Inc. from the Elk Basin and Frannie fields to Laurel and Billings, is now under way.

The entire line is expected to be completed and in use by July. A. W. Hartwig, of Clovis, N. M., and Billings, is contractor for the line, which will include 51 miles of 8½-inch pipe and 30 miles of 6-inch pipe.

Headquarters of the pipe-line company, a Delaware corporation, are at Billings. P. M. Fortin, of Billings, formerly vice president and general manager of Yale Oil Corp., is president, and J. G. Dyer, formerly with the Continental Oil Co., is vice president.

CANADA VISITORS GET 12 GALLONS

Visitors to Canada from the United States will get only 12 Imperial gallons of gasoline a year, according to a recent announcement by the Canadian government travel bureau.

The Automobile club of southern California was also informed that such visitors are not permitted to take into Canada any more gasoline than is regularly carried in a car's gas tank.

Canadian customs officers stamp vehicle licenses upon entry to show that a ration coupon book has been issued, while motorists must surrender the ration books with unused coupons upon exit from Canada, it was revealed.

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Supply Department
Montana Oil & Mining Journal
Box 2050 Great Falls, Mont.

DAILY PRODUCTION MONT.-WYO.-COLO. WEEK ENDED MAY 14

MONTANA—	
Border	70
Cat Creek	353
Cut Bank	15,053
Dry Creek	77
Elk Basin	1,282
Gage	52
Kevin-Sunburst	5,097
Pondera	555
All Others	40
TOTAL MONTANA	22,579

WYOMING—	
Big Muddy	1,090
Garland	1,230
Lance Creek	17,975
Lost Soldier	3,300
Oregon Basin	14,200
Rock River	2,465
Salt Creek	13,720
Wertz	5,620
Circle Ridge	860
Badger Basin	150
Byron	5,895
Cole Creek	1,470
Dallas Derby	420
Dutton Creek	40
Elk Basin, Light	345
Elk Basin, Heavy	8,015
Frannie	1,410
Grass Creek, Light	1,515
Grass Creek, Heavy	175
Hamilton Dome	1,180
Hidden Dome	20
Hudson	260
Kirby Creek	20
Labarge	1,660
Medicine Bow	640
Mahoney	1,110
Maverick Springs	1,270
Mule Creek	310
Notches	370
Osage	450
Pilot Butte	1,140
Poison Spider	150
Quealy Dome	460
Rex Lake	60
Shoshone	70
South Caspar Creek	480
Steamboat Butte	1,290
Teapot	10
Warm Springs	20
Gebo	170
Little Buffalo Basin	120
TOTAL WYOMING	91,155

COLORADO—	
Iles Dome	1,350
Wilson Creek	3,820
Powder Wash	80
Hiawatha	300
Florence	120
Ft. Collins & Wellington	510
Moffat	310
Others	55
Price	900
Rangely	830
Tow Creek	115
TOTAL COLORADO	8,390
TOTAL ROCKY MTS.	122,124

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Mission Dome Test Will Use Rotary Tools

Plans for deepening the well of the Security Petroleum Corp. on Mission dome to 5,000 feet with rotary tools were announced this week by C. T. Kopseng. Location is approximately eight miles east of Livingston, on the Wess lease, in SE SE SW 20-2S-11E. The well has been standing, with hole made to 1235 feet with cable tools.

MICA SEARCH INTENSIFIED

HOT SPRINGS, S. D.—A wide-spread search for domestic sources of mica of commercial grade is being conducted by the Geological Survey, United States department of the interior, in an effort to help meet the increasing demand for high-quality mica for war purposes.

In the course of these investigations a number of mines and mica-bearing deposits of South Dakota have been examined and mapped by Survey geologists, particularly in Custer and Pennington counties in the southern Black Hills region.

The investigations are continuing, and as the field work progresses additional maps and sections of mines and potential mica-bearing deposits in these and other counties in South Dakota will be prepared.

The work is aimed at helping operators and war agencies to develop new potential deposits and to increase the output of currently operating mines. At the present time, however, the detailed results of the investigations cannot be published, but in order that those directly interested in the development of the properties may make immediate use of the maps and sections, copies have been placed on open file at the offices of the Geological Survey in Washington, D. C., and Custer, S. D., where they may be consulted.

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