

12,000 BUFFALO IN CANADA OWNED BY GOVERNMENT

Herd at National Park Increases From 700 in Nineteen Years.

By United Press
EDMONTON, Alta., Jan. 28.—Buffalo in the Government herd at Wainwright Park, Alta., have increased from 700 to 12,000 head since 1907, according to a report issued by J. B. Harkin, commissioner of Canadian national parks.

"Nineteen years ago bison were practically extinct in North America," says Mr. Harkin's report. "Of the countless millions that roamed the plains in pioneer days, only a few hundred remained. These were in the hands of Michael Pablo, half-breed Indian of Montana, who sold his herd to the Canadian government when the Buffalo preserve at Wainwright was established in 1907.

Future of the buffalo is now assured. The herd is increasing at the rate of 1,500 head a year. Shortage of pasture near the park due to the rapid development of farming, has made it necessary to ship 4,000 young bison north to the wild buffalo preserve on Slave river in the last two years. Wainwright park can normally support 8,000 of these animals.

From time to time a number of bison are slaughtered and commercial utilization made of the meat and hides. Flesh of a young well nourished buffalo is considered by gourmets better flavored than beef. Buffalo hides made excellent leather for shoes, golf bags and articles requiring strength and flexibility."

DREDGING SLOWS SHIPS

Work on Frisco Harbor Makes Caution Necessary

By United Press
SAN FRANCISCO, Jan. 28.—Trans-Pacific travelers who have wondered why ships sometimes slow down on approaching the coast or why they proceed so slowly through the Golden Gate into the harbor will wonder no more.

The Federal Government has just authorized the deepening of the harbor and the removal of shoals which made extreme caution necessary in any but the fairest weather.

Dredges will soon begin deepening the harbor to 40 feet and when the work is completed at a cost of several millions of dollars, there will be a channel 2,000 feet wide from the Golden Gate along the entire water front:

They're Both Veteran Miners



William Mitch and T. I. Roberts.

This isn't a picture of father and son, but of T. I. Roberts, veteran coal miner who started work in the mines when he was 11, and of William Mitch, who for many years has been secretary of District 11 at Terre Haute.

Roberts, back in 1898, administered the coal miners' oath to Mitch at Rosedale, Ind.

Roberts has worked in mines for about fifty years.

"I don't know how much coal I have mined, but I always did my share," this veteran of the pick said.

At present he is attending to the interests of the miners at the State Legislature. He just couldn't resist the temptation to attend conventions because where miners go there Roberts may be seen. His home is in Terre Haute.

Roberts is a member of the committee on reports of officers.

LISTS INDIANA IN STATES WITH OIL SHALE FUTURES

Denver Scientist Shows Possibility of Saving \$50,000,000 Annually.

Times, Washington, 1322 New York Avenue.

WASHINGTON, Jan. 28.—Oil at \$1.25 a barrel, 60,000 barrels a day, can be produced from 40 American oil shale properties.

Dr. Victor C. Alderson, Denver, makes that optimistic estimate in a recent issue of the Mining Congress Journal.

The properties could be put in operation, he declares, with the \$50,000,000 lost annually in drilling dry oil wells.

Known oil shale fields will produce 200 billion or more barrels of oil, he believes, distributed by states as follows: Colorado, Eighty billion; Kentucky, Fifty billion; Indiana,

Twenty billion; Utah, Twenty-Three billion; California, Montana, Nevada, Oregon, Wyoming and Ohio, the remainder.

Pointing out that this is forty times the amount of oil well reserves and equal to the present annual oil production for 200 years, Dr. Alderson concludes that "with this possible future supply users of oil can view the future with calm and composure."

Both copper and coal mining methods will be used in mining the shale, he predicts. Based on results at various copper mines he estimates the cost of mining shale on the best properties will not exceed 20 cents a ton.

"Oil shale," he asserts, "is really the mother of petroleum as petroleum has been formed in past ages from shale. Gasoline from shale oil will, because of its anti-knock quality, have a marked superiority over gasoline from well oil."

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