

## Montana Refineries Have Greater Capacity Than State Production

Montana refineries have a capacity of 25,413 barrels of petroleum per day, including a cracking capacity of 5,800 barrels, according to the latest compilation of the United States Bureau of Mines. On January 1, 19 plants were operating, 12 were shut down. Those operating had a capacity of 16,933 barrels.

Refining capacity is 40 per cent greater than daily average production, with the further factor of the export of more than 50 per cent of Montana's oil production to Canada. A large part of the refining capacity is idle and part of the active plants are running on crude imported from Wyoming.

Following is list of Montana refineries as shown by the U. S. Census.

COMPANY	LOCATION	RAILROADS	STRAIGHT DISTILLATION			CRACKING		
			Cap	Status	Type	Cap	Status	Type
Arro Oil & Refg. Co.	W. Lewistown	CMSTP&P,GN	1500	Op	Skim	800	Op	Dubbs
B. & M. Refg. Co.	Roundup	CMSTP&P	300	Op	do			
Bears Den Refinery	Bear Den		25	Op	do			
Big Horn Oil & Refg. Co.	Billings	CB&Q,GN,NP	1000	Op	do			
Big West Oil Co. of Mont.	Kevin	GN	800	Op	do	500	Op	Dubbs
Conrad Refg. Co.	Conrad	GN	1000	Sd	do			
Consumers Refg. Co.	Collins	GN	500	Op	do			
Continental Oil Co.	Lewistown	CMSTP&P	1500	Op	do			
Cut Bank Refg. Co.	Cut Bank	GN	250	Sd	do			
Deloraine Refg. Co.	Ormont	None	250	Op	do			
Dunlap Refinery	Cat Creek	None	75	Op	Top			
Hart Refineries	Hodgesville	GN	100	Op	Skim			
Do	Missoula	CMSTP&P,NP	300	Op	do			
Ted Hawley	Gallup City	None	50	Sd	do			
Hole Brothers	Cut Bank	GN	250	Sd	Top			
Home Oil & Refg. Co.	Great Falls	GN	1000	Sd	Skim			
Eugene Hunt	Winnett		200	Op	do			
Independent Refg. Co.	Laurel	CB&Q,GN,NP	3000	Op	do	1500	Op	Don.
International Refg. Co.	Sunburst	GN	5000	Op	do	2000	Op	de Flor.
Lewis Refineries	Valentine		50	Sd	do			
C. A. McKeehan	Molt	None	5	Op	do			
Minnesota Flat Willow								
Pet. Co.	Cat Creek	None	8	Op	do			
Red Lodge Refinery	Red Lodge	None	70	Op	do			
Regal Products Co.	Soap Creek Field		50	Sd	do			
The Russell Oil Co.	Billings	GN,NP	1000	Op	do			
Do	Butte	CMSTP&P,NP	500	Op	do			
Snow Cap Oil Co.	Sunburst	GN	330	Sd	do	200	Sd	Owa
Sunburst Oil & Refg. Co.	Great Falls	CMSTP&P,GN	3000	Sd	do			
Unity Pet. Corp.	Kalispell	GN	800	Op	Skim	800	Op	V. P.
Yale Oil Co. of S. D.	Billings	CB&Q,GN,NP	2000	Op	S&A			
Do	Miles City	CMSTP&P,NP	500	Sd	Skim			
			25413			5800		

## FRED WHITESIDE, NOTED PIONEER COMES TO END OF GREAT CAREER

Frederick Whiteside, pioneer in the Montana oil industry and a civic leader in this state for a half a century, passed away in Great Falls Monday afternoon following several strokes he had suffered in recent months.

Whiteside came to Miles City in 1880 and engaged in the contracting business. He constructed the buildings of the old silver smelter in Great Falls in 1888. He built the Broadwater natorium in Helena and the Hennessy block in Butte.

Later he moved to Kalispell where he became active in politics and published a semi-weekly newspaper. With the coming of oil development, he took an active part, figuring in the history of practically every oil field. He drilled one of the first wells in Pondera field, was active in Kevin and in several fields in Billings district. Among the wells started by him was the Lodge Grass test and he drilled several wells around Soap Creek.

In political life, Whiteside was a firebrand. During the legislature of January 1899, the historical battle was on between Senator W. A. Clark and the Daly interests. It was Whiteside who produced in the midst of legislative debate four envelopes which contained a total of \$30,000. He announced that it had been placed in his hands by agents of W. A. Clark for the purpose of buying votes for Clark. The incident caused an uproar and nationwide attention, and Whiteside's testimony was the factor which caused Clark to be unseated in the U. S. senate.

Later, Whiteside exposed the "capitol commission scandal" having to do with an alleged \$3,000,000 contract graft in the construction of the State capitol.

### BACHELOR GOLD

Articles of incorporation were filed with the secretary of state by: Bachelor Gold Mines of Salt Lake City. Capitalized at \$300,000. Organizers and directors are Geo. A. Putnam, Earl A. Coombs, D. E. Broughton, H. B. Embree, William M. Melkie and E. J. Greer, all of Salt Lake City.

## DIRECT WIRE IS AFFORDED CITY BY E J GIBSON

E. J. Gibson company of Spokane which, with the mining revival has grown into the foremost brokerage concern in the Northwest, has opened a branch office in Great Falls, providing this city with a leased wire. The wire is the service of E. A. Pierce & Co., which has 58 branch offices and 26 memberships in leading commodity and security exchanges in the United States and Canada.

The large board carries 224 stocks including the New York exchange, curb, grains and mines. Location is on the ground floor at 8 Third Street North, in the same block as Hotel Rainbow. D. A. Davidson of Great Falls is manager of the Great Falls office.

## RESUME WORK ON PINGER CREEK

PINGER CREEK—Preparations are being made to resume work on the Weymarn Petroleum company well, which has been shut down since 1932. Two new boilers and a rotary rig are reported enroute by Paul Von Weymarn, president. The hole stands at 4,000 feet and has a considerable flow of sulphur gas. Location is near Mountain Mill, 12 miles west of Pinger creek.

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## CLIMAX STOCK JUMPS FROM 50¢ TO \$46 SHARE

Several years ago investors had the opportunity to buy Climax Molybdenum stock around 50¢ to 60¢ a share. It is now \$46 bid—very hard to get.

It is Climax Molybdenum, the largest mine of its kind in the world—located at Climax near Leadville, Colo.

Molybdenum is used as an alloy for hardening steel and is in great demand, due to constant increasing use of the lighter metals. The mine, together with its very modern ore milling and refining plant, which has a capacity of 2500 tons of ore daily, is turning out molybdenum at a great rate and is one of the biggest users of power on the Public Service Lines.

Production of 3,100,000 pounds in 1930 dropped to 1,913,375 in 1932, then jumped to over 5,000,000 in 1933, and skyrocketed to 8,378,683 last year.

And glance at these profits: 1932 \$89,505; 1933, \$298,550; 1934, \$1,190,603, equal to 11¢, \$1.07 and \$2.13, respectively, on the \$40,000 shares outstanding. Since the end of 1932—near the bottom of the depression—entire debt of \$2,384,820 has been retired. One million of it this year. No bank loans or preferred shares.

Altho molybdenum is noted for its hardening qualities, the action of the stock has a softening effect on the hearts of its holders, most of whom are closely connected with the company. American Metal is the parent company.

Dividend of 20¢ paid in 1934, has been boosted to \$1, and a special payment of 7½¢ was made this spring.

## U. S. REFUSES TO FURNISH FUNDS FOR MONTANA PIPELINE

MINNEAPOLIS—Alderman Henry H. Bank and Romeo J. Riley said today on their return from Washington that the government refuses to finance the construction of a natural gas pipeline from Montana into North Dakota and Minneapolis. Supporters of the proposed project sought PWA aid.

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## COPPER MINES ARE RESUMING

BUTE—Reconditioning of the St. Lawrence and the Leonard mines will be started at once by the Anaconda Copper Mining Co., W. B. Daly, general manager, announced here today.

The two mines are to be put into condition so that they will be available for ore production at any time when their output may be needed.

The announcement said that in view of the large present demand for copper in the United States and the general expectation in industrial circles that this demand will hold up in the future the Anaconda Copper Mining Co. is preparing to meet probable increased requirements for the metal.

## NEW HOPE WELL IS SEEKING FOR EMBAYMENT

That the ancient shore line which gives retainer sands for the Cut Bank pool was irregular in its shape is accepted as a fact by all geologists and operators, but the wells located above 1050 feet above sea level, on the top of the Ellis shales are considered as improbable of production. Exception to this rule is expected from irregularities in the ancient coast line and wherever an embayment is found, large production may result, geologists say.

R. C. Tannant is spotting another well on his Hope lease, in SW¼ SW¼ 18-34.6W. His No. 1 well, offsetting his famous Miller

No. 1 producer on the northeast, was a very small producer and scarcely commercial. It seemed at the time to pretty well disprove the area east. However, when similar wells were drilled north and west of the Miller gusher, it became apparent that the Hope well was no more significant than the north offset, on the Haglund farm. Accordingly, Tarrant is moving a quarter of a mile northward, close to his west line on the Hope, believing that an embayment, perhaps very narrow, will be encountered wherein a thick, coarse sand similar to that in the Miller, will be developed. Further prospecting along the east line of the field will follow success in this Hope location.

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