

# High Country News

The Outdoor and Environmental Weekly

Vol 2, No. 18

Friday, May 1, 1970

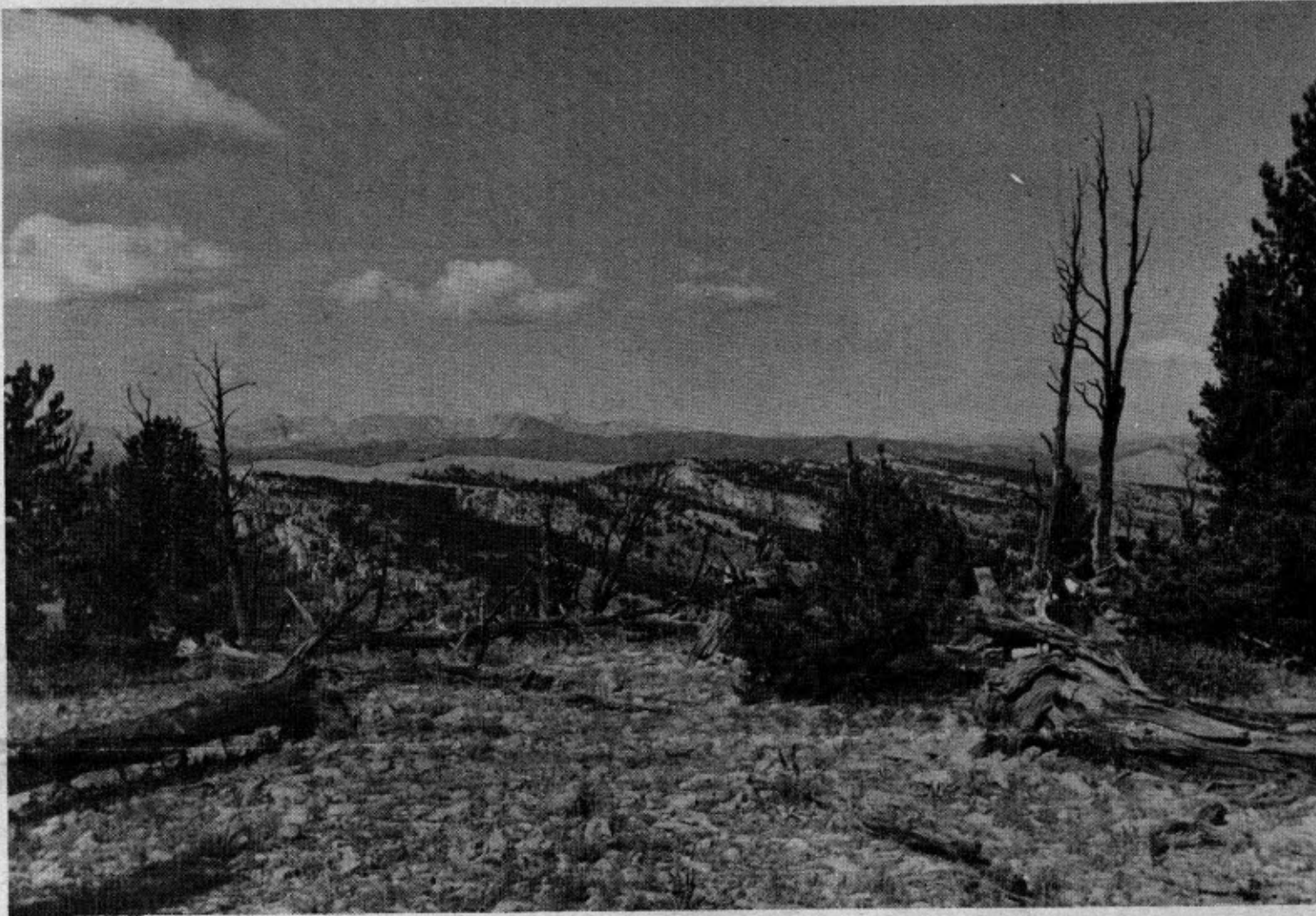


PHOTO BY TOM BELL

The Wind River Mountains of Wyoming aren't just a row of peaks. They are range after range, stacking up until they reach the summits. Wind River Peak in the background, highest point on the south end of the massive complex, towers over the Wind River Valley and Lander, nestled at the foot. This is high country, big-mountain country, of vast national forests, famous wilderness areas, clean skies and clear water, of friendly smiles and friendly ways.

All Aboard...

## Missouri Cruise Reenacts History

Welcome aboard! The call goes out for all who would like to join the Missouri River Cruise through Montana. Now in its 14th year, the cruise will leave historic, old Fort Benton, Montana, on June 14. It winds up at the Fort Peck boat docks on June 20.

Last year, there were 36 boats carrying 104 people on the river cruise. In years past, boaters have come from 16 different states including New York, Florida and Alaska.

The cruise follows down the historic waterway used by Lewis and Clark in 1805. The maps used for navigating the mighty river were published by the Missouri River Commission in 1893. Amazingly, the maps are still extremely accurate.

Fort Benton, starting point for the cruise, was the terminus for the big steamships

(Please turn to page 8)

Next week's paper will be a special rockhound issue. We will feature places to go in the West, personalities, and, of course, talk about rocks.

## History Abounds In Western Town

They used to say it was 'where rails end and trails begin.' But that's not quite true anymore. Good highways link Lander, Wyoming, with the rest of the world.

It is true that trails lead into the Shoshone Forest and out into the Red Desert. But they are well traveled these days.

Lander and the area in which it sits abounds in the history of the old West. Only a few miles to the south, many thousand emigrants passed along the Oregon and Mormon Trails. Before that, South Pass was known to the earliest explorers, trappers, and traders. Riders of the Pony Express thundered along the trails and Wells Fargo rolled across the vast plains.

It was natural that if there was gold in the hills, someone would find it. A few did find color here and there but it remained for a soldier, Tom

(Please turn to page 4)

## Special Anniversary Issue

This is the first anniversary for HIGH COUNTRY NEWS, formerly called CAMPING NEWS WEEKLY. We have passed a milestone. Though still a fledgling, we have come a long way. And we are striving harder to make our second year even more successful.

We have tried to make our anniversary issue a little bit special. Here, you will find photos of our great West, of the high country with its mountains, lakes, rivers, open spaces, and vast play lands. We have told of only two of the many outdoor activities in which you might want to participate.

We feature our own home town, not only because we like it but because it is rather typical of the West.

We hope if you are out this way that you will come and see us.



Friday, May 1, 1970  
2—High Country News

# HIGH COUNTRY

By Tom Bell

Meadowlarks were singing as I went out to feed our few remaining critters this evening. A flurry of snow had just blown through. Fence posts were plastered white on the north sides. And the air was fresh and crisp.

President Nixon had just announced our entry into Cambodia and I was thoughtful. I was mindul of the day 26 years ago when as a 20-year old airman, an enemy shell nearly took my head off. I had no love of war then. I have none now.

My life before World War II was inextricably bound to a world of natural things. As a young man, I had tramped the hills and the river bottoms in solitary contemplation of all God's wonders. I knew firsthand the habits of many wild animals. Wild flowers and other plants were in my collection. It was my life and love, and it still is.

So it was with great sadness that I contemplated our President's decision. I feel his decision is right. But right or wrong, in this hour I would support him as I supported the President for whom I fought.

Brave young men will go on dying over there - young men whose love of life is as great as mine was when I served. And they, too, love their country and all its natural wonders.

Extending the war may lead once more to even greater involvement. But I feel President Nixon is correct in saying it could end the war sooner. In that case, it could mean the possibility of re-ordering our national priorities that much sooner.

The Vietnam war has reminded me of the remedies once prescribed for the seriously ill. Blood was let in the mistaken belief that it could cure the incurable.

We should end the war as quickly and as honorably as possible. We have work to do at home. We have a country that is as ravaged in some ways as if we had been in the thick of battle.

The destruction of a countryside cannot be condoned whether it is by bombs or by affluence. I was shocked as much by the sheer, wanton waste of warfare as by the terrible destructiveness. And yet in our striving for affluence and at the same time produce the trappings of war, we have produced in our own country some of the same effects as ruthless battle.

While we spend billions to reduce the Vietnamese countryside to uninhabitable ruin, we are also allowing our great cities to suffer the same fate. Human suffering whether by bombs or neglect is still a social disgrace.

We are now in a war on two fronts. We fight a war against an opposite political ideology - and are bled white. For we are also now committed to a war for human survival.

Few humans really realize the significance of a "Silent Spring." I marvel at the beautiful melody of a meadowlark. I am also concerned that my grandchildren will never hear one - even if they lived in Wyoming.

It is incumbent that the war in Vietnam be ended soon. I do not wish my grandchildren to be slaves of Russian masters. But neither do I wish them a dying planet beset by social ills and devoid of meadowlarks singing in the crisp, fresh air.



PHOTO BY CHAS. E. HIGLEY

There ought to be a big one by the rock in the Little Popo Agie River near Louis Lake in the Wind River Mountains. The stream is on the Loop Road out of Lander, Wyoming.

## Letters To The Editor



Editor:

Enclosed is check for one year subscription to High Country News.

Hope you will find space in your issues for some of the old landmarks (pictures and history) of Lander and vicinity. Pictures like the present flour mill when it had the mill pond and wooden flume, which supplied the water for turbines that furnished the power for the mill. Also, of the first train that came into Lander around the year of 1906.

Am sure the old-timers that are still in Lander have collections of interesting subjects which would be of interest, especially to other old-timers.

I was born in Lander in 1901 and left there in the 1930's. Hopeful that some day I can return to my old stomping grounds. Best regards to the old timers.

Wishing your publication the best of success.

Yours respectfully,  
Joe R. Bordeaux  
1037 So. Boxelder St.  
Casper, Wyoming

Editor's Note: Thank you for your subscription, Joe. As one old-timer to another, I'll bet you knew my grandfather, Ed Alton.

You should be interested in this week's paper. From time to time, we hope to have other interesting historical items about Fremont County.

### Fishermen Successful

Idaho salmon fishermen caught almost 13,000 chinook salmon in 1969. Last year was the best year for the fishermen since 1961.

Salmon and steelhead anglers will be asked to record their catches on permit cards by designated sections beginning in 1970. There will be separate cards for salmon and steelhead.

Editor:

I don't know if this letter will interest you but hope you will at least read it.

About three years ago we vacationed through quite a few of the states. Not one could compare to Wyoming. The hospitality of the people there is beyond words. I have vowed I will come back but something always seems to stand in the way. I especially enjoyed a small town named Dubois. While staying at the Carson Motel I was shown a picture of a friend I had gone to school with here in Minnesota. This woman had graduated with her from Casper High School. Talk of a small world - one never knows. Her father is a well known contractor by the name of Ray Studer. They now reside in Casper.

I don't know if young Mr. Boyle is still in your town. We don't live far from his home place here. I believe he is a great hunter, too.

I watched with great interest the television story of Ike Harold and ranch life in

Wyoming. I would very much like to meet and talk with him and see this ranch life. But that all remains to be seen.

By your ad I assume yours is a local weekly published once a week as ours is. If not I assume this will land in the wastebasket. But I'm willing to try. Enclosed you will find the check to try your newspaper.

Sincerely yours,  
Mrs. Donald Kowalke  
Young America, Minnesota

Editor's Note: Thank you, Mrs. Kowalke, for your subscription. You have just joined 182 others who now get High Country News in Minnesota.

Thank you also for the kind words about Wyoming and our neighboring town of Dubois. You should enjoy last week's issue wherein we featured our good friend, Joe Back. You will also see more about Dubois in next week's paper.

Maybe this will be the summer when you can return and visit us. The latch string is out.

**HIGH COUNTRY NEWS**

Published every Friday at 160 So. 4th Street, Lander, Wyoming 82520. Tel. 1-307-332-4877. Copyright, 1970, by Camping News Weekly, Inc.

Entered as Second Class Matter, August 26, 1969 at the Post Office in Lander, Wyoming under the act of March 3, 1879.

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# Environmental Eavesdropper

A Montana Fish and Game Department district supervisor learned recently that his body fat contained heptachlor epoxide, chlordane, dieldrin, DDE formed from DDT, and an unknown chemical. The man had a piece of fat removed from his body during surgery and had it analyzed. The levels of the pesticides in the fat were higher than those allowed by the USDA for food consumption. He had not been exposed to chemical spraying or other sources of concentrated pesticides.

\*\*\*

Two biochemists at the University of Utah have documented evidence that DDT disrupts production of hormones in the human body that help bodily defenses fight disease and regulate reproductive functions.

\*\*\*

A panel of Agriculture Department experts met in Washington recently to decide how the use of DDT can be ended as soon as possible. The meeting is part of a second phase to cancel federal registration of all but "essential" uses of DDT by the end of 1970.

\*\*\*

Montana wheat growers will be using mercury compounds to treat seed again this year. The U. S. Department of Agriculture has suspended registration of the compounds but allowed use of stocks on hand. Mercury was found in potentially dangerous levels in game birds last year.

\*\*\*

The Wilderness Society, Friends of the Earth, and the Environmental Defense Fund, Inc., have been granted a temporary injunction against issuance of a permit for construction of a 390-mile haul road from the Yukon River to Prudhoe Bay in Alaska. The road is in connection with construction of the trans-Alaska oil pipeline.

\*\*\*

The National Mustang Association of Newcastle, Utah, has purchased a 68,000 acre ranch in southern Nevada to protect wild horses. About 150 horses now roam the ranch and more will be added.

\*\*\*

Canada has announced plans to impose controls over 200-mile-wide zones in the Canadian arctic to prevent pollution of the arctic seas. A bill introduced in the House of Commons would prohibit dumping of wastes in the ocean or on mainlands or islands where polluting materials could enter arctic waters.

\*\*\*

Dr. Roger Egeberg, assistant secretary of Health, Education and Welfare, said he favors liberalized abortion laws but also said he feels abortion should be secondary to safe, effective birth control pills.

A federal judge finally took under advisement a motion to dismiss the antipollution suit brought by the Environmental Defense Fund, Inc., against Hoerner Waldorf Corporation's Missoula, Montana, pulp mill. The dismissal motion was filed 1 1/2 years ago. EDF asked a federal court injunction against the paper company in 1968 to prevent airpollution.

\*\*\*

The U. S. Department of Agriculture has endorsed a 10-year moratorium on dam building in Hells Canyon on the Middle Snake River in Idaho.



PHOTO BY CHAS. E. HIGLEY

Sentinel in the desert. The homesteaders have come and gone; this lonely relic guards all that is left in the lonely western landscape.

## Boy Scouts Obtain Forest Lease

Wm. O. Deshler, Bridger National Forest Supervisor, Kemmerer, Wyoming, and Mr. B. W. Croft, President of the Jim Bridger Council, Boy Scouts of America, jointly announced today that the United States Forest Service would finalize a 30-year term Special-Use Permit for the Boy Scout Camp acreage on New Fork Lake as soon as field examination of the area can be jointly made this spring and boundaries of the expanded area determined. Earlier this month, Mr. Croft informed Mr. Deshler that the Executive Board of the Council had authorized the signing of the permit. "It is our intent," Mr.

Deshler said, "to increase the present 35-acre lease to the amount needed by the Jim Bridger Council for development of improvements needed to meet anticipated demands for Scout Camp facilities, up to the maximum of 80 acres permissible under Forest

Service regulation."

Mr. Croft indicated that with the cooperation of Forest Service personnel, the Jim Bridger Council will prepare a development plan for the present and adjoining acreage as soon as weather conditions permit on-site analysis.

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# Lander.

(Continued from page 1)

Ryan, to discover the ledge which would lead to great excitement and the first large settlements in central Wyoming.

South Pass City, Atlantic City, and Hamilton City, later to be known as Miners Delight, came into being. They were typical of most rough, raw mining camps. There was an added factor of adventure and danger in this particular area for in the late 1860's, Indians still rules much of the frontier.

Sioux Indians attacked the very first mining party at the first discovery ledge, the Carissa. They killed the leader of the party and temporarily drove the gold miners from their discovery.

Later, there was to be other incidents. Frank Irwin, 17-year old son of Dr. Irwin from Miners Delight, worked across the hills in Atlantic City. In April, 1870, he was caught by Indians just as he entered Atlantic City one morning on his way to work. He outran his attackers but they were close enough to shoot his body full of arrows. Rescuers rushed to his aid and tenderly carried him inside but he died shortly.

Dr. Rufus Barr, Harvey Morgan and Jerome Mason were attacked and killed on August 25, 1870. About 200 Arapahoes surrounded the three men in their buggy a few miles south of what was then Camp Brown, a military camp. It was later a settlement named Push Root. Today, it is called Lander.

The end came quickly with such odds against them. Morgan, who had fed and befriended some of the Indians, was horribly mutilated. The sinews were pulled from his back and limbs for use as bowstrings. In addition, the queen bolt from the buggy was driven through his skull where it remained when he was buried at Camp Brown. Years later, the skeleton was unearthed

when a water line was being excavated in Lander. The skull is now on display in the Pioneer Museum at Lander, gruesome evidence of the violence of earlier days.

South Pass City had the distinction of being the home of Esther Morris. Mrs. Morris was instrumental in getting woman's suffrage for the new Wyoming Territory. She was also the world's first woman justice of the peace.

South Pass City also had the first Masonic Lodge in Wyoming, now restored by present day adherents. Downstairs in the Freund and Brothers' gun shop was a young apprentice by the name of Browning. Daniel Boone's son had a corner tobacco shop.

Martha Canary went to Miners Delight as a 16-year old orphan to work in the household of Major Patrick Gallagher, part owner in the Miners Delight Mine. She was described as a "young stray with the spirit of original sin." She went on to become a railroad construction worker, expert bullwhacker, and nurse to the sick and needy. The world came to know her as Calamity Jane.

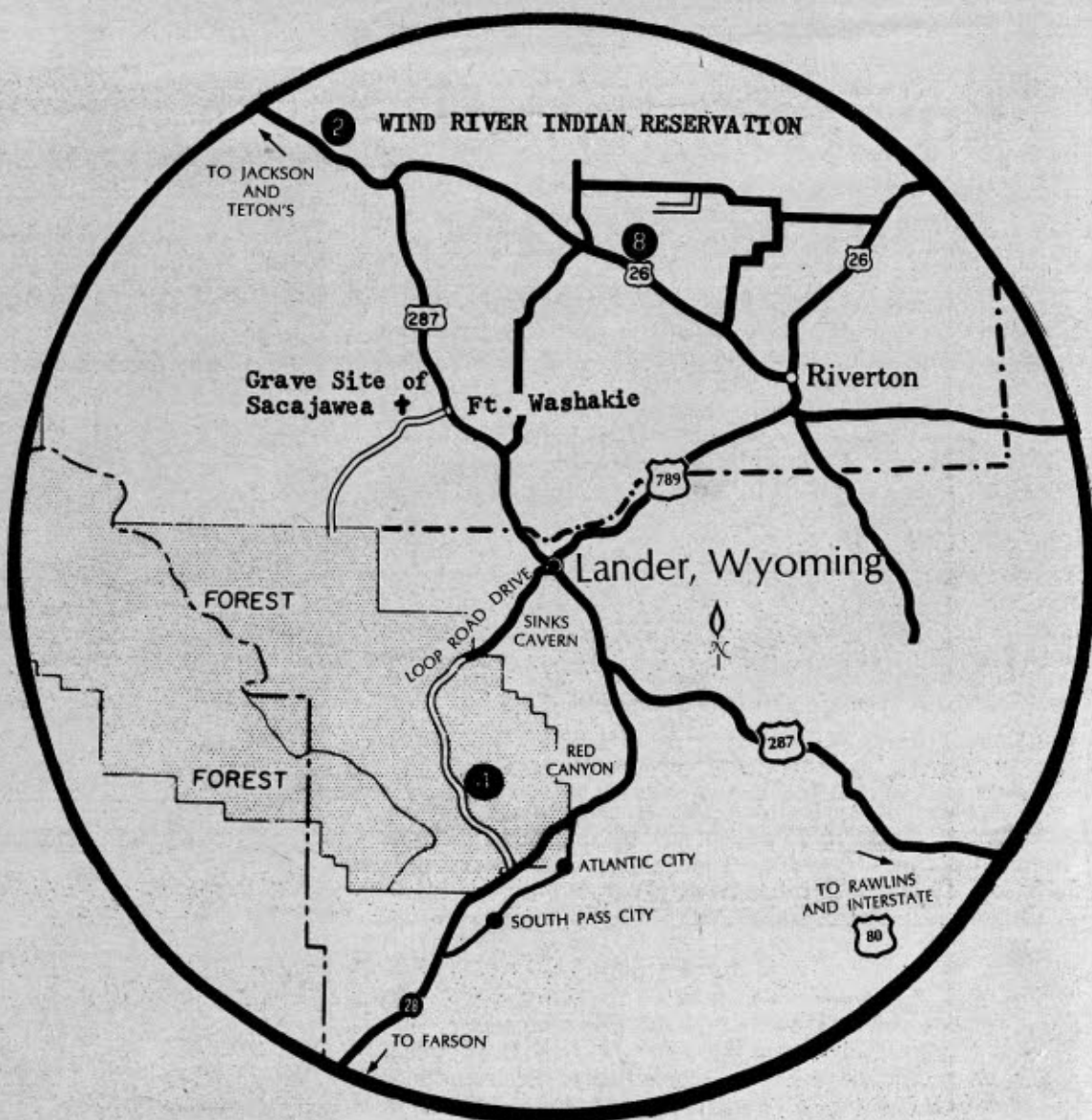
The little frontier settlement of Push Root has grown to a small Wyoming city of about 6,000. Near the gold mining area of South Pass City, there is now an iron-ore mining complex owned by Columbia Geneva Steel Co.

The Arapahoe Indians are peaceful citizens on the Wind River Indian Reservation in company with their former enemies of the Shoshone Indian Tribe.

Jade, a form of green gold, was found not far from Lander in the Sweetwater country near the old Oregon Trail.

Great deposits of uranium have been found to the east, along the Beaver Rim and near the jade deposits on Green Mountain.

The famed One-Shot Antelope Hunt takes place here every fall. Governors, astronauts, Hollywood celebrities, Indians, financiers, and a lot of plain Joes



engage in a unique camaraderie having to do with the collection of one pronghorn antelope with one shot.

Paul Petzoldt and his National Outdoor Leadership School now trains young men and women how to live and survive in the remnants of the natural world.

The Popo Agie (pronounced Poposia) River still flows into the mountain at the Sinks. This natural, geological wonder is one of a few of its kind in the world.

Visitors to Lander like to take the Loop Road to the southwest and into the mountains. It goes past the Sinks and leads into the Shoshone National Forest. Along the way, it goes past several beautiful lakes and across several streams. It comes out near South Pass

City and heads back to Lander past the beautifully scenic Red Canyon and the site of the Barr-Morgan-Mason massacre.

Sacajawea, the famed Bird Woman of the Lewis and Clark Expedition, is buried on the Wind River Indian Reservation a few miles west of Fort Washakie. Nearby is the grave of the great Shoshone Indian Chief Washakie.

Like many other Wyoming communities, Lander has

envious hunting and fishing. The Popo Agie Primitive Area to the west has numerous mountain lakes and the kind of sheer granite peaks which delight mountain climbers.

Lander has good motels, a famed hotel, and several quality restaurants. It has all the special services needed for the vacationer and the outdoor recreationist.

When you head West, take a look at Lander.

## Crazy Horse Sculptor Is Donated Caterpillar

CRAZY HORSE, SD--A caterpillar drill rig estimated at a value of \$145,000 was donated to Korczak Ziolkowski and his Crazy Horse Monument Thursday, April 2.

The 65,000-pound machine was jointly donated to the project by the Caterpillar Tractor Company of Peoria, Illinois, and the Gardner-Denver Company of Denver, Colorado.

The tractor was moved from the Rapid City delivery point to Thunderhead Mountain near Custer on "It Couldn't Be Done Day," proclaimed by Gov. Frank Farrar in honor of Ziolkowski and his Crazy Horse work and Gutzon Borglum and his Mt. Rushmore creation.

The machine was pulled on a large low-boy semi trailer through Rapid City and Custer with Ziolkowski and family aboard.

Ziolkowski expects the D-8 Caterpillar and drill rig to increase the speed of his mining and drilling program to almost four times the present rate.



PHOTO BY TOM BELL

It stands lonely and idle now. Ghosts of the past sigh through the rigging. But this was Miner's Delight, famous gold mine of yesteryear. Here, a miner searching for his lost cow saw the the gold glittering in the quartz veins just below the rock pile on the right. Indeed, the beam of light seems to be directed to the pot of gold. The mine is one of many in the South Pass area of central Wyoming.

Remnants of a massacre on Highway 287 near Lander, Wyoming.



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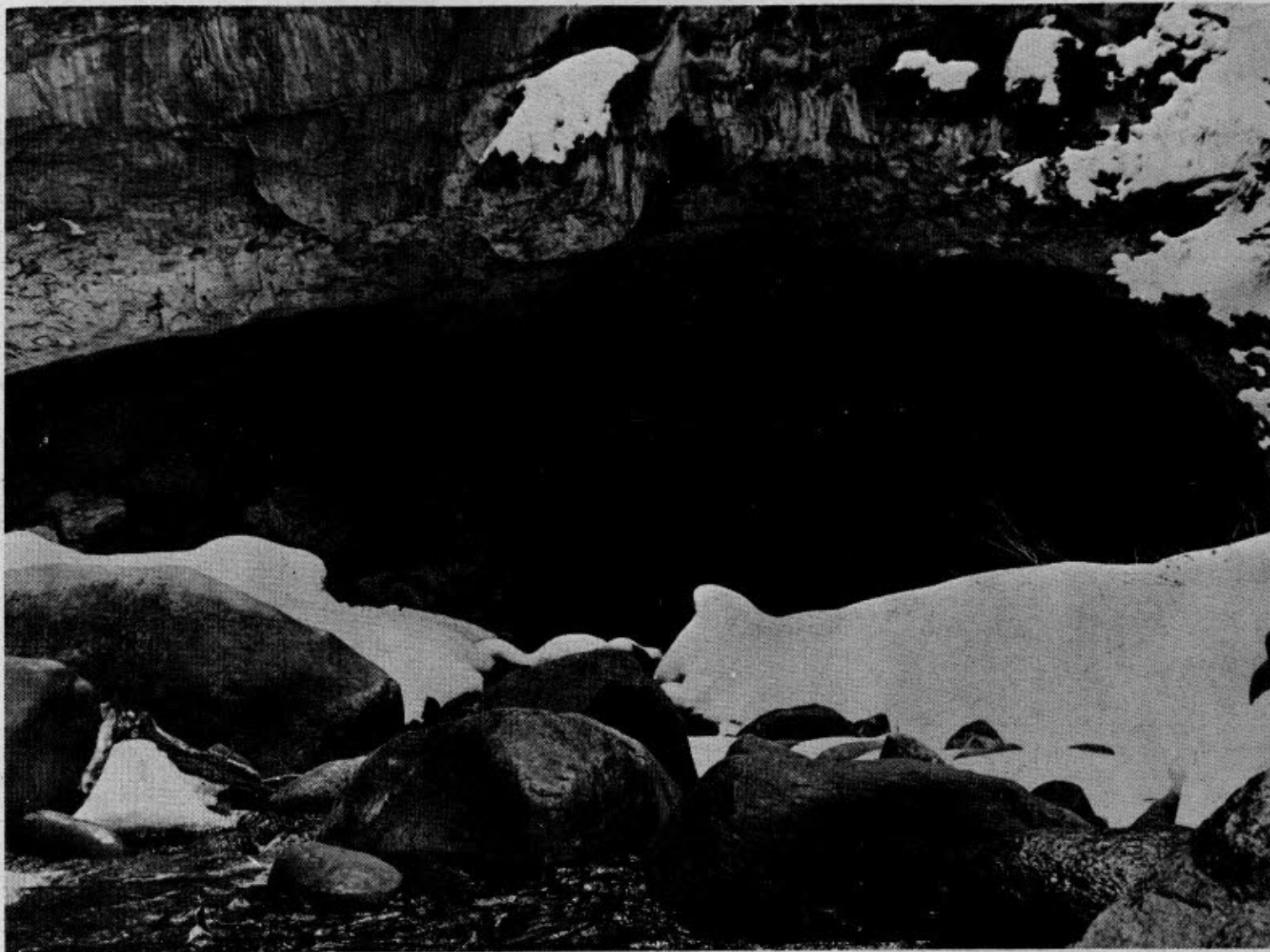
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At the West end  
Lander, Wyoming





Photos by Ron Johnston

**The Popo Agie River disappearing into the Sinks. This natural phenomenon is located near Lander, Wyoming, close to where the river flows from the Wind River Mountains.**

## Park Fees Levied On Daily Basis

Entrance fees at Yellowstone and Grand Teton National Parks will be collected on a daily basis commencing May 1, according to Superintendent Jack K. Anderson.

The Daily Entrance Fee will be \$1 per private vehicle, or 50 cents per person for those entering on foot or by other means of transportation. The Daily Permit will be valid in both Grand Teton and Yellowstone National Parks.

The Golden Eagle Passport Program, which provided for the purchase of an Annual Permit, expired on March 31, 1970, and Congress is presently considering legislation to extend this program. Until final action on this legislation is taken, however, the National Park Service is unable to offer an Annual Permit.

The National Park Service also announced that the charging of camp-ground fees is a continuing consideration, but none will be charged this year except in those areas which have previously charged a campground fee.

## Wyoming Fishing Ready & Waiting

Several popular fishing holes in Wyoming open to eager anglers Friday, May 1. Copies of the official 1969-70 fishing orders are available from license-selling agents and offices of the Wyoming Game and Fish Commission throughout the state.

In the Wind River-Big Horn River Drainage, Shoshone Lake and Shoshone Creek in Fremont County, all lakes, streams and ponds in the Badwater Creek Drainage and the Buffalo Creek Drainage (the Copper Mountain Area), open to fishing May 1.

In northeastern Wyoming, the Tongue River and its tributaries upstream from the national forest boundary to the mouth of the South Tongue River, Amsden Creek in Sheridan County within the boundaries of the state-owned elk pasture and Burlington Reservoir in Natrona County all open to fishing May 1.

In southwestern Wyoming, Soda Lake and Lauzer Reservoir in Sublette County are listed as May 1 openers.

In southeastern Wyoming, Crystal, Granite and North Crow reservoirs between

Cheyenne and Laramie and West Carrol, Little Ione and Alsop Lakes in Albany County open to fishing May 1.

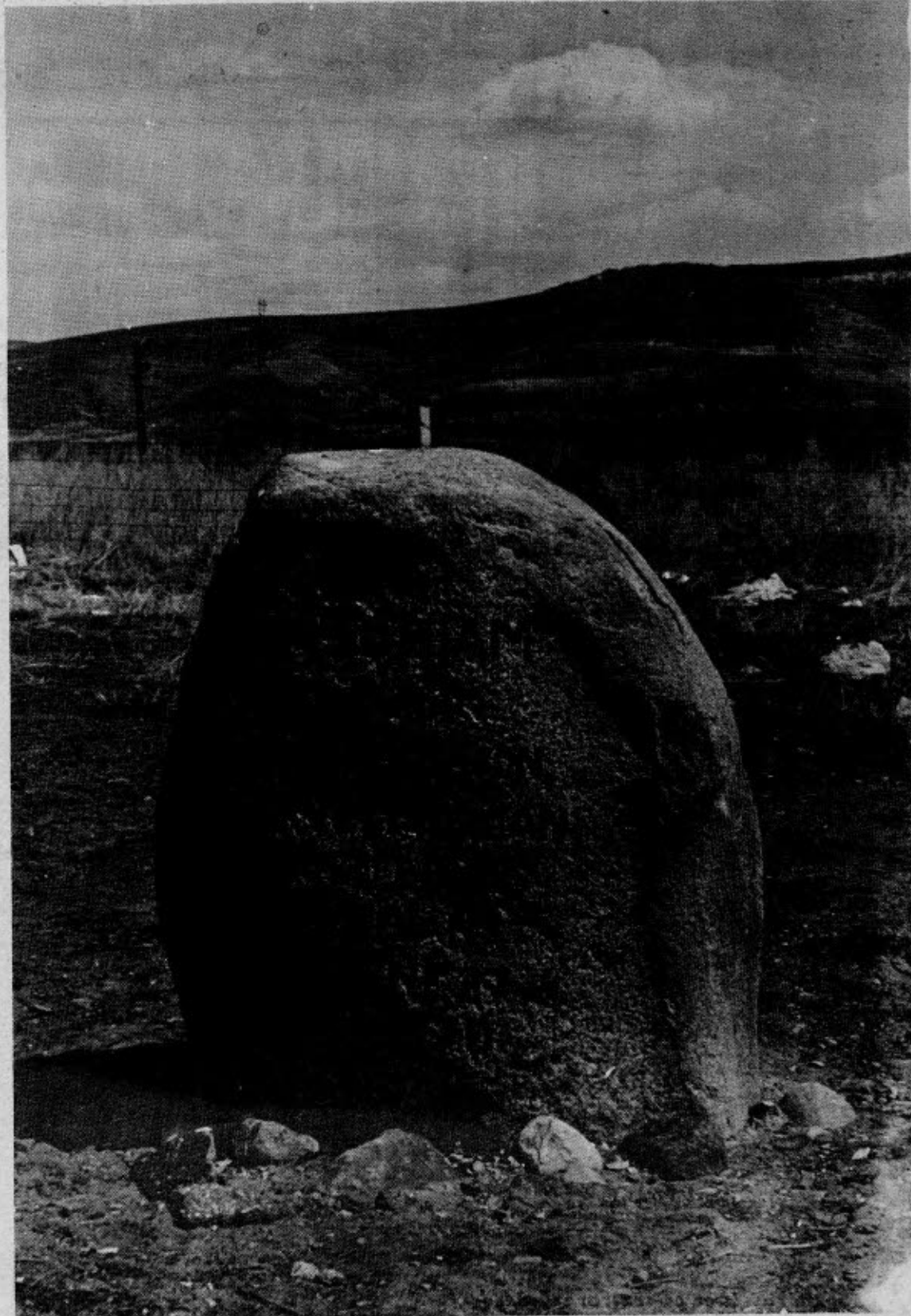
Fishermen were reminded by the Game and Fish Commission to check the official orders before taking to the field this spring to confirm the latest regulations.

### Flaming Gorge At Low Level

Flaming Gorge Reservoir in Utah and Wyoming will continue at low level during 1970, according to the U. S. Bureau of Reclamation. Even though spring run-off is expected to be above normal, the water will be stored behind Glen Canyon Dam.

Most of the 9.2 million acre feet of expected run-off will be let through upstream reservoirs to be stored in Lake Powell.

The low level in Flaming Gorge is not expected to change fishing conditions in the National Recreation Area.



Monument to a Massacre on Highway 287 near Lander, Wyoming.

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6—High Country News

# SHADES OF 1805



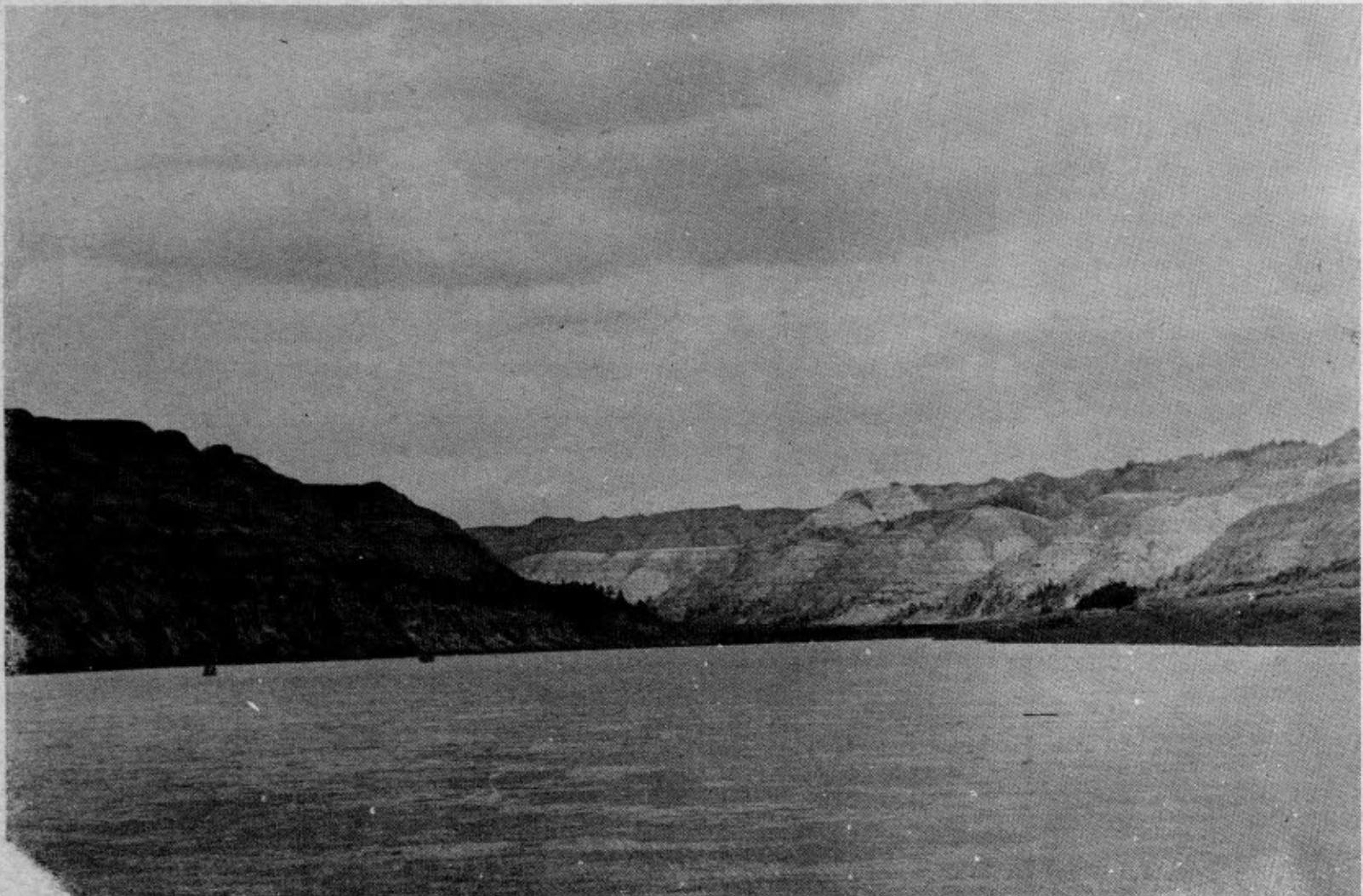
Steamboat Rock near the May 30, 1805, campsite of the Lewis and Clark Expedition.

## The Wide Missouri

## The Mighty Mo

## The Big Muddy

Photos courtesy Missouri River Cruise



Floating the wide Missouri in the tradition of the early explorers.

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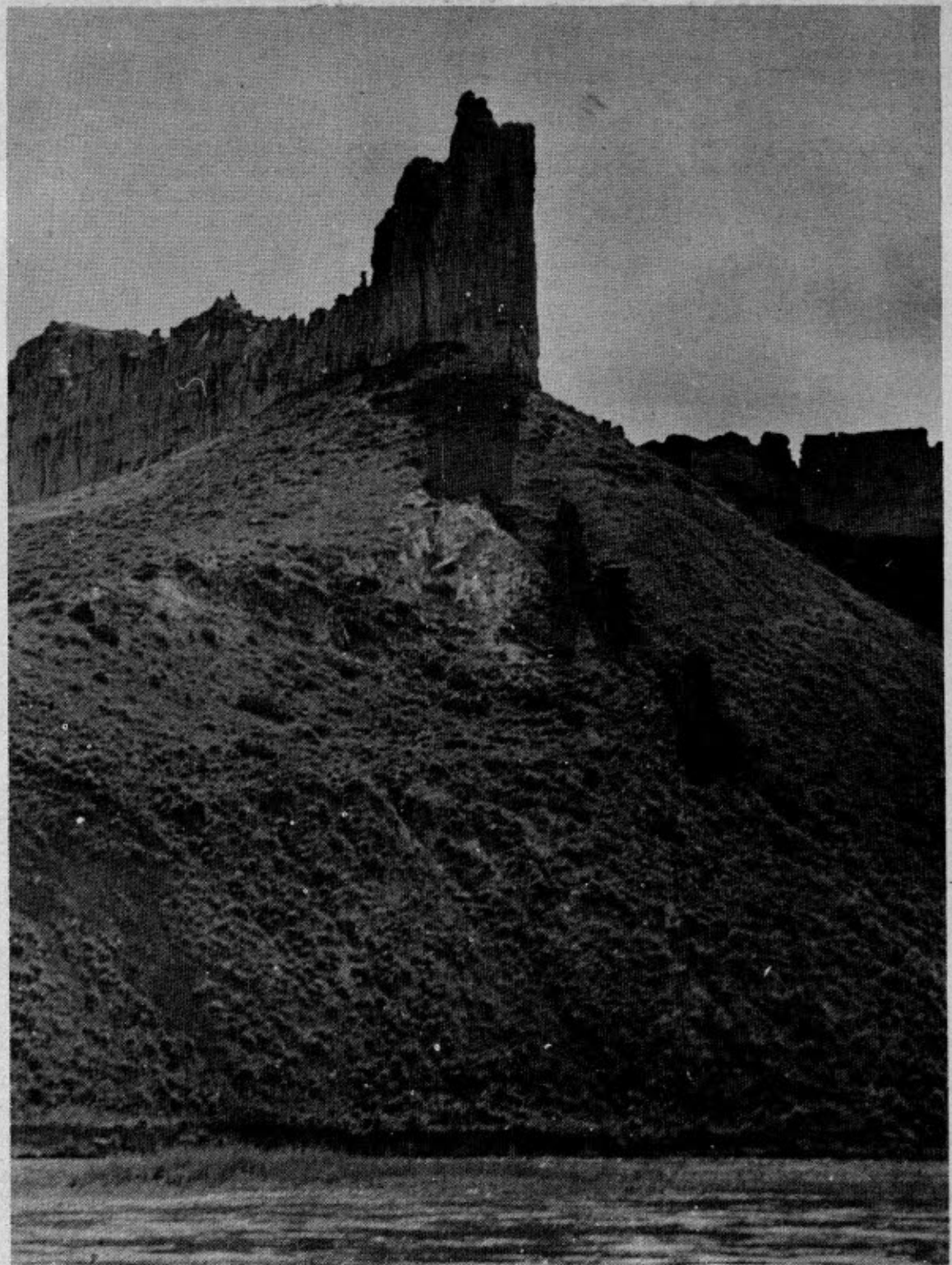


Site of the Lewis and Clark campsite, May 31, 1805; looking downstream.

Endearing epithets for an historic river. Though all but tamed for its hundreds of miles, its fame and glory lives on in one last untamed stretch through central Montana. From old Fort Benton to Fort Peck Reservoir, a distance of about 180 miles, the Missouri River flows through a countryside virtually unchanged since Lewis and Clark descended it 165 years ago. There are no bridges across it, nor are there any towns along its banks.

The National Park Service wants to establish the area as the Lewis and Clark National Wilderness Waterway. The Corps of Engineers proposes to build a dam above Fort Peck Reservoir at Cow Creek. Fort Peck Reservoir, when full, floods 180 miles of river. What is left undammed and untamed is all that is left of what was once a great inland waterway plied by steamships and river boats.

The wild stretch is dotted with historic sites -- campsites of the Lewis and Clark Expedition and old trapping and trading posts such as Fort Piegan, Fort McKenzie, Fort Claggett, as well as Fort Benton, the end of navigable river for the big paddle-wheelers. But it is also a living wilderness, unmarred by man's works and marked by natural beauty and great, colorful geological formations.



The Pinnacles about 60 miles downriver from Fort Benton.



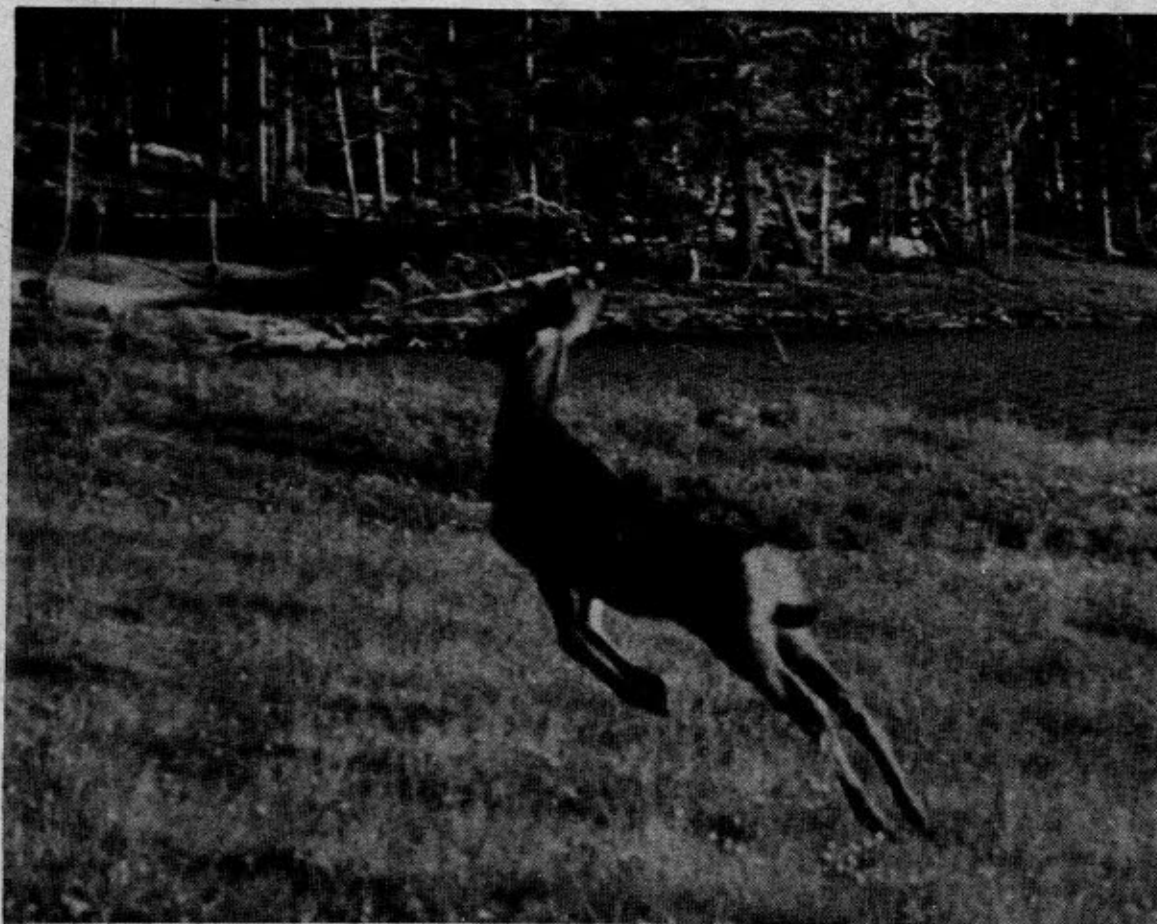


Photo by Jeff Clack

A young buck bounds for the shelter of the forest near Shoshone Lake in the Wind River Range west of Lander, Wyoming.

## Environmental Films Exhibited

The Department of the Interior held a three-day Environmental Film Festival, April 23 to 25, at its auditorium, 19th and C Streets, N. W., Washington, D.C.

Sponsored by Interior's Bureau of Outdoor Recreation, the three days of showings included a wide range of documentary films along with a number of short

features. Most of the films shown have won awards in national and international competition.

G. Douglas Hofe, Jr., BOR Director, said the films selected for the festival covered a wide range of problems and activities related to air, water, land, and sensory pollution.

"As far as is known, the Interior showings marked the

first time that any agency has sponsored such an extensive exhibit of films concerned with the environment," Hofe said.

Showings were held in the morning, afternoon, and evening on Thursday, Friday, and Saturday, April 23, 24 and 25. Some 50 films were made available for the festival. They ranged in length from four minutes to one hour.

## National Grasslands Contribute to States

County treasurers of 21 counties from 5 states of the Rocky Mountain Region received checks totaling \$150,058.03 from the U. S. Treasury during March. The monies represent 25 percent of receipts from 7 National Grasslands and 1 Land Utilization area which are managed by the U. S. D. A., Forest Service.

The payments went to counties in Colorado, Wyoming, Nebraska, Kansas, and South Dakota. The funds are derived from grazing permits and other uses on the surface, as well as oil, gas and other minerals sold on the National Grasslands. When a Grassland or Land Utilization area is situated in more than 1 county, each county's 25 percent share of total receipts is proportional to its acreage therein.

Regional Forester D. S. Nordwall, Denver, announced the following payments by states:

Colorado with 5 counties benefiting, \$42,433.68; Nebraska, 2 counties, \$15,503.27; South Dakota, 7 counties, \$32,429.512; Wyoming, 5 counties, \$36,222.46; and Kansas with 2 counties, \$23,469.50.

Payment is made on a calendar year basis and on the condition that these funds are used for school or road purposes, or both.

Counties with National Forest lands located within their boundaries also receive 25 percent of receipts from the Forests. Paid on a fiscal year basis, these funds come

from timber sales, grazing fees, minerals and other special uses on the Forest for which a charge is made.

The National Grasslands are located in the so-called dustbowl areas of Thirties. Primarily grazing lands, many of the areas are also heavy oil and gas producers. The National Grasslands are managed by the Forest Service under the same policy of multiple use as the National Forests.

## Offers New Curriculum

Students at Ball State University, Muncie, Indiana, now may work towards a major in Natural Resources, the Wildlife Management Institute reports.

Increasing demand for both men and women educated in the area of natural resources because of the environmental crisis resulting from the rapidly expanding population underlines the need for such curricula, according to Clyde Hibbs, director of Ball State's Natural Resources Program.

Students may elect a general major in Natural Resources or complete a speciality in Resource Geography, Fishery Resources of Communications. A core requirement of 28 hours includes Introduction to Natural Resources, Physical Geography, Water Resources, Ecology, Soil Resources and Mineral Resources.

Big Trailers Offer Take-Along Comfort . . . . .

## Follow These Tips for Easy Going

By PAUL FOGHT, Editor, Woodall's TRAILER TRAVEL Magazine.

Trailer travel is the free life! Take any direction that holds out the promise of adventure, sport or family fun. And take along whatever makes travel more complete for you — not only your fishing rods and your cameras but your own bed, your own menu, a big wardrobe and your TV and favorite records. Today's comfortable, roomy travel trailers make it easy.

Professionals who spend all their time testing and driving recreational vehicles say big trailering is easier than it looks. They do recommend paying close attention to the following ten rules of good practice. These apply to every kind of trailer-towing, but are especially important when handling one of the over-twenty-foot units:

1) The first rule is so important that it could be called the trailer-towers' First Commandment: Husband and wife must always share the driving. This keeps everyone more relaxed and more interested in the trip. And it insures against having to use an unpracticed driver in emergencies.

2) Match the proper trailer with the car or truck that will be your towing vehicle. This is essential to avoid overloading the towing vehicle's brakes, axles, wheels and tires. It will also prevent overheating in the towing vehicle's engine and transmission.

As a rule of thumb, it's wise to choose a towing vehicle and a trailer of roughly equal weight. Thus, a family car, with the factory-installed

trailer-towing options in its suspension, and with increased-capacity electrical and cooling systems, will pull most kinds of trailer. For heavier work, or for the family that tows for more than a month each year, a heavier vehicle becomes necessary. Specially equipped pickup trucks, or "super" station wagons such as International's big capacity Travelall, are excellent choices.

3) Know the correct weight and the weight distribution of the trailer. It's important. One positive way to obtain this information is to get it yourself, by going to a highway weighing station or the truck scale at a local materials yard.

Weigh the trailer separately, with its water and cooking fuel tanks full. (Don't neglect this chance to weigh your towing vehicle, too, making allowance for the amount of luggage and passengers that'll usually be on board.) Then weigh the trailer again with only its various key portions resting on the scale, to get necessary data as follows:

Determine the "hitch weight" or "tongue weight" by resting only the unhooked hitch end on the scale, with the wheels off the scale. Also obtain the weight on the wheels and axles with the trailer properly hitched but with the vehicle off the scale. Finally, weigh each side of the trailer, so any differences in weight distribution can be noticed.

4) Be sure of proper weight distribution, and keep it even throughout the trip. Almost all trailers will follow along peacefully if the weight at the hitch is over 10 per cent of the gross weight of the trailer, with trailer and towing vehicle properly hitched.

Subsequent loading of motorcycles on the trailer's back bumper, or stowing a new rock collection in the back closet, will upset this relationship. And too much weight on one side of the vehicle will cause the brakes on that side to operate improperly. So, for safety, always keep weight in a trailer distributed evenly over the axles.

5) Be sure you understand the proper set-up for your type of hitch, and always treat it with respect. Big trailers use a torsion bar hitch, and a sway controller. Be sure you understand exactly how these are to be placed. Vehicle and trailer must be hitched up level, or neither will be able to brake properly. Cam-type sway controllers should never be lubricated; greasing them defeats their purpose.

6) Tires on both vehicle and trailer must be sized to handle the loads they will carry. Then they must have enough air in them. One "pound" of air from a service station's compressor usually gives a tire about 25 pounds of load-carrying ability. Keeping your vehicle's and your trailer's weights and weight distribution in mind, be sure your tires are correctly inflated.

Remember to add the hitch weight to the weight of your vehicle. Use the axle weight for your trailer.

7) Properly operating brakes should be installed on all trailers over 1,000 pounds in gross weight. They should be tested before starting each morning, at low speed, using the trailer brake controller to actuate the trailer brakes independently of the vehicle brakes. If they're working, you'll feel them go on.

At other times, if electric trailer brakes lock up and slide before the towing vehicle's brakes do, have an adjustable rheostat installed to balance the trailer's system with that of the towing vehicle.

8) When backing up with your vehicle-trailer combination, keep your hand on the bottom of the steering wheel. Now you can steer the trailer to the right by moving your hand to the right, and to the left by moving your hand to the left.

9) When your trailer sways or yaws, just keep steering straight ahead. All trailers have some tendency to react when buffeted by crosswinds or the air blast from large passing vehicles. Don't twist the wheel. Tests prove that the trailer normally wants to go straight ahead. If it falls to settle down after a couple of sways, very lightly touch the trailer brake controller, not the vehicle brakes.

10) Carry a lug wrench that

will fit your trailer wheels, and a jack powerful enough to raise a trailer. You can't lift even a small trailer with an automobile bumper jack.

A complete small kit of hand tools for dealing with other problems is desirable. But remember that if you can just keep the trailer on its wheels, you can always tow it to someone who will fix it.



The predator is an animal that lives by killing all or part of its food. By this definition, man is the greatest predator of all. But in spite of man most predators compete successfully with him and defy human efforts to exterminate them.



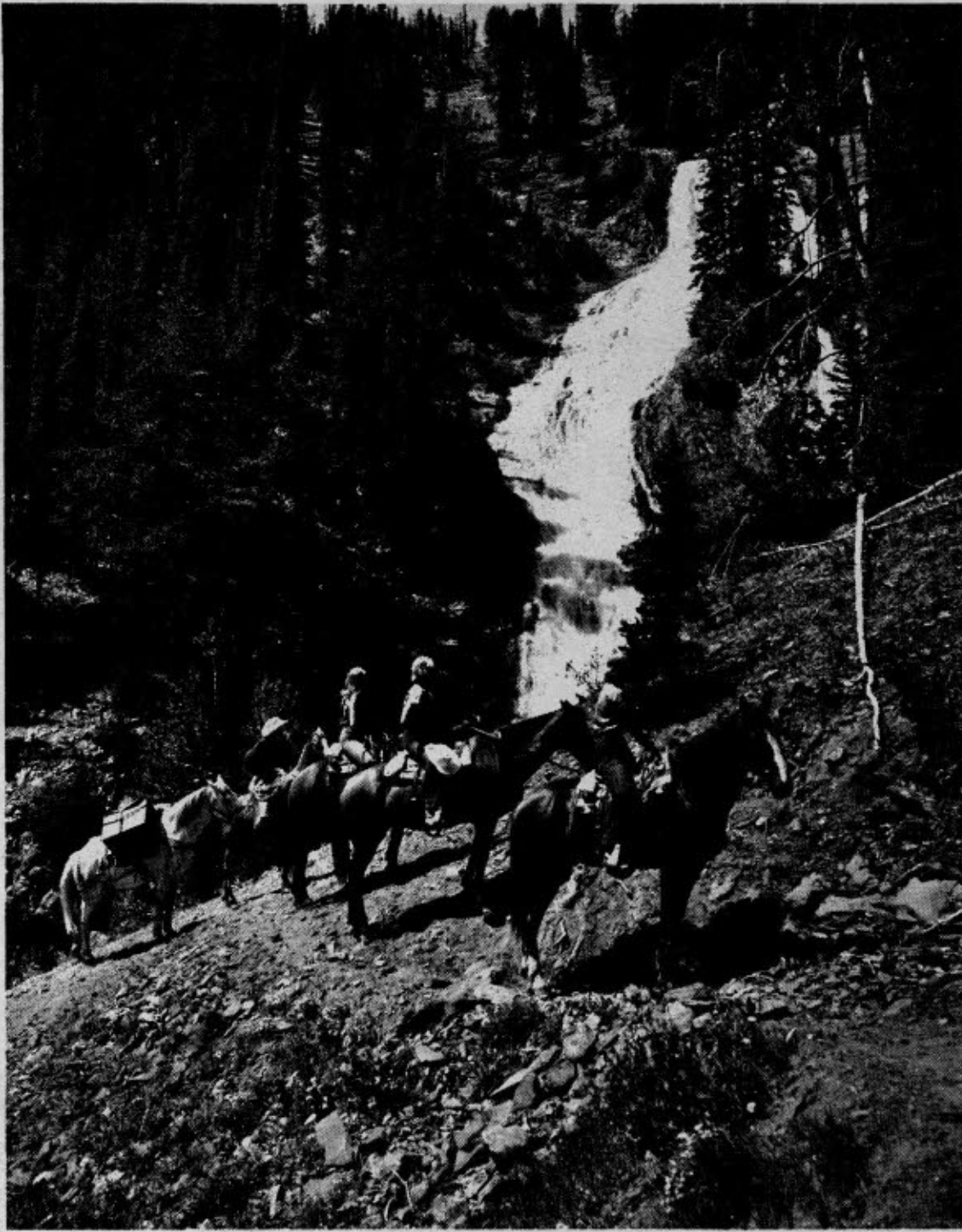
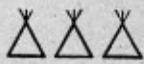


PHOTO COURTESY OREGON STATE HIGHWAY DEPT.

Cool, mountain recreation is found in Northeastern Oregon. These horsemen pause at Ice Falls below Ice Lake, one of many beautiful lakes in the Wallowa Mountains holding also some of the prime wilderness area of the nation.



## Deer Hunters Meet Success

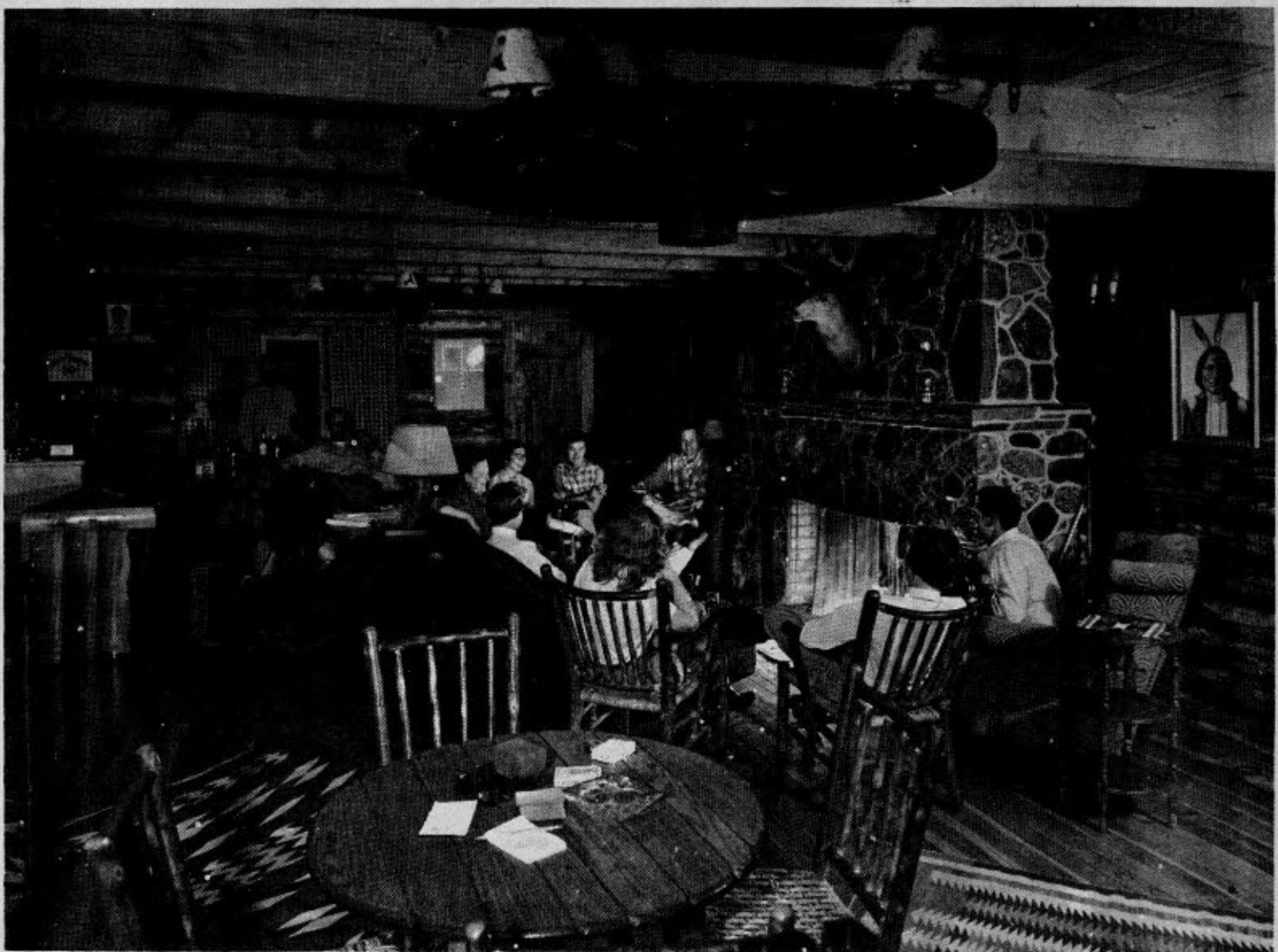
Figures released this week by the Wyoming Game and Fish Commission show an estimated 93,844 deer were harvested by hunters last fall.

Nonresidents were the most successful during the hunting season with an 80% success ratio in the first deer season for a total of 56,461 deer taken. Resident hunters in the first season harvested 32,598 animals for a 71.5% success ratio. These figures reflect the estimated number of deer taken by license holders who actually hunted.

It's estimated there were 109,825 resident and nonresident hunters participating in the hunt and spending about 389,338 hunter-days in the field.

The number of resident and nonresident deer license holders was higher in 1969 than the season before by 13,089. The number of Pioneer license holders was down slightly from the 1968 deer season.

Information for the harvest estimates was obtained through the annual questionnaire survey and was compiled for the Game and Fish Commission by the University of Wyoming Statistics Department.



Dude ranches are for fun. They are liberally sprinkled throughout the western high country. This one happens to be in Colorado. During sun-filled days, vacationists may explore the magnificent snow-capped Rockies, fish in trout-filled streams or ride gentle trail-wise horses. At night, after a steak fry around a roaring campfire,

## Flaming Gorge Set For Summer Visitors

"Although winter has lingered, many facilities including the dam tour and visitor centers are open for recreation area vacationers" announced Richard O. Benjamin, Forest Service District Ranger and C. L. Edmondson, Bureau of Reclamation Field Chief today. The flaming Gorge Dam Tour will be open daily from 8:00 a.m. to 4:00 p.m. until Memorial Day weekend.

The officials announced "May 2 marks the opening of both Flaming Gorge Dam Visitor Center and Red Canyon Visitor Center. Until Memorial Day weekend, the visitor centers will be open only on weekends from 11:00 a.m. to 4:00 p.m."

Ranger Benjamin reported other facilities will be open during May as follows:

Marinas: Lucerne Marina and Store is now open for the season. Cedar Springs Marina will officially open May 1. Buckboard Marina will open on May 8.

Lodges: Red Canyon Lodge will begin serving the public on May 8. Other commercial facilities in the Dutch John, Manila and Flaming Gorge Lodge area are generally open for the season.

Campgrounds: Loops A and B at Antelope are open with water available at comfort stations. Docks are in and the fish cleaning station will be operational by May 8.

At Mustang Ridge water is now available at the entrance faucet, and the campground will be in full operation by May 8. Docks are in at Dutch John Draw Boat Ramp.

Loop A of Buckboard is

open with water, and the boat ramp is in.

Cedar Springs and Deer Run campgrounds will have water by May 1, and will be in operation all season despite construction in the area. The docks at the boat ramp are in.

Lucerne campground is now in full operation except for the contact station and swim beach.

Docks are in at Gooseneck Boat Ramp and Jarvies Boat Camp.

Water will be turned on at Arch Dam Overflow campground by May 8.

Bootleg, Greendale, Skull Creek, Green's Lake, Canyon Rim campgrounds, Red Canyon picnic area, and Dowd Springs rest stop are scheduled to have water turned on May 15. Most other facilities except Spirit Lake will be open for Memorial Day weekend.

Offices: Beginning May 3, the Green River office will be open Thursday through Saturday from 8:00 a.m. to 9:00 p.m. and Sunday through Wednesday from 8:00 a.m. to 5:00 p.m. The Manila office and Dutch John office will be open Monday through Friday, 8:00 a.m. to 5:00 p.m.

The officials report that Sheep Creek Bay, Firehole, Squaw Hollow, and Upper Marsh Creek boat ramps are not expected to be usable during the 1970 season because of low water levels.

Benjamin reminds visitors that until Congress takes action regarding the Land and Water Conservation Fund Act, fees will not be required to use public facilities at Flaming Gorge.

dude ranchers enjoy square dancing, old fashioned hayrides or just relaxing around a cheery fireplace. Dude Ranches offer an easy, informal atmosphere and complete relaxation amid scenic surroundings almost beyond description.



Friday, May 1, 1970  
12—High Country News



PHOTO COURTESY IDAHO DEPT. OF COMMERCE AND DEVELOPMENT

Priest Lake continues to be a dominating force in the sports fishing world of North Idaho. It is one of the finest dry fly waters in the country and an excellent lake for catching native cutthroat.

Lake Trout, commonly called mackinaws, are the truly big-fish of Priest Lake and are generally caught by deep trolling methods—75 to 100 feet down in the lake's cold waters. This lake has a long season for the big trout—usually from April 15 to December 15 and

catching one of these giant trophy Lake Trout is a thrill of a lifetime. Again record-setting Dolly Vardens are most generally caught by trolling; however, not at as great a depth as for "macks".

Fly casters, spinning tackle enthusiasts and trollers alike are right at home on Priest Lake. They enjoy snafing the delectable pan-sized kokanee, in addition to the trophy Dolly Vardens and giant lakers.

## Secretary Hickel Calls Environmental Meeting

Secretary Walter J. Hickel announced today the Department of the Interior will sponsor a four-day conference and exposition early next fall on environmental pollution.

Secretary Hickel said the conference was being called in response to President Nixon's call for a "total mobilization" for cleaning up our environment.

More than 3,000 leaders from industry, government, national organizations, and universities are expected to join in the conference which will cover 18 major environmental topics in more than 50 separate sessions.

The National Environmental Pollution Conference and Exposition will be held September 29 through October 2 in the Sheraton Park Hotel in Washington, D. C.

"In his message to the Congress on the environment on February 19, President Nixon said that the task of

cleaning up our environment calls for a total mobilization of all of us — involving governments at every level and requiring the help of every citizen," Secretary Hickel said.

"We hope to make this conference a productive answer to the search for new and more efficient methods, approaches, and techniques for winning the battle for a better national environment.

"Our purpose is not only to focus national attention on the threat to our environment but to help muster a nationwide effort in corrective actions to improve it."

At the national exposition being held in conjunction with the conference, industry, governments, organizations and institutions are being invited to display pollution abatement equipment, techniques and services. An estimated 65,000 feet of industrial and institutional displays are being planned.

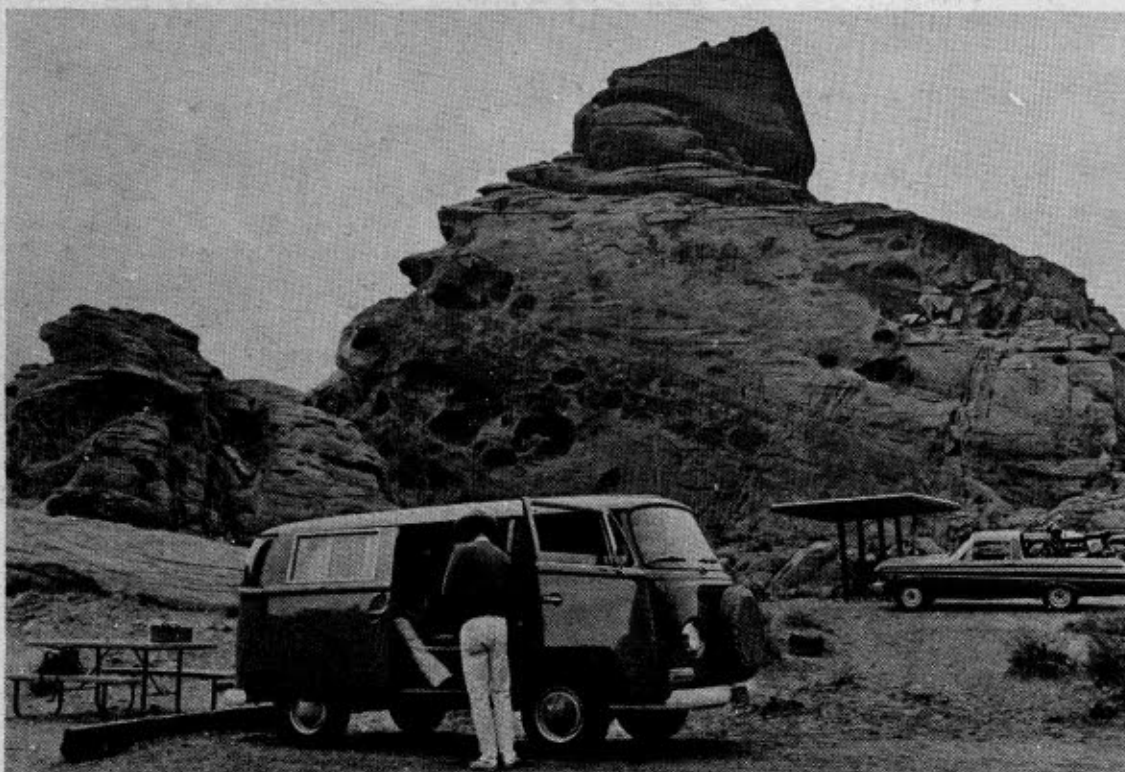


PHOTO COURTESY LAS VEGAS NEWS BUREAU

**PREHISTORIC CAMPSITE IN NEVADA** — Overnight camping on a level-floored niche between outcroppings of Aztec red sandstone in the Valley of Fire State Park is provided in a well maintained area behind Atlati Rock, one of the park's prehistoric attractions. This 14-space campground offers drinking water and sanitation facilities, but is not equipped for electric or water hookups. The park is primarily designed for day use and is of interest to those who want to examine Indian rock writings and other preserved evidence of ancient cultures.