



Modern Cliff Dwellers Drill For Shale Oil

RIEFL, Colo., Sept. 15.—(AP)—New cliff dwellers have returned to the Rocky mountains—the U.S. Bureau of Mines men who have solved how to get oil cheaply out of shale.

The bureau has discovered how to assure the United States of enough gasoline for centuries by making shale oil at a cost no more than petroleum.

The main secret is new mining methods developed in the cliffs. Instead of using ladders, these modern cliff men go up in bulldozers, 30-ton trucks, electric shovels, compressors that have 12 wheels side by side and tower trucks resembling fire apparatus.

These huge machines climb a five-and-a-half mile, hairpin turn road up the side of a mountain to sheer cliffs of colored marblestone shale at 8200 feet altitude. There they drill a corridor big as a church straight into the solid rock, and spend their careers quarrying vast rooms deep back in the rock.

Many new mining techniques have been developed. Now one man produces more than 100 tons of broken rock a day where a few years ago the limit was said to be six tons.

For a century the one big thing that made shale oil too expensive was the cost of getting out the rock.

The great Colorado deposit is thousands of feet thick. Utah and Wyoming have similar rich deposits. Other oil shales are scattered all over the United States and Alaska.

River, red ribbon. In the special Kerr canning display Carol Ann Burgin, Days Creek, received a blue ribbon and Joy Zeller of Brockway got a red ribbon.

Douglas county awards in homemaking were: Pat Roark, Roseburg, white ribbon; Bonnie Roark, Roseburg, white ribbon; Della Wright, Days Creek, red ribbon; and Doris Wright, Days Creek, red ribbon.

In the clothing division: Mary Porter, Smith River, red ribbon; Janice Herring, Reedsport, white ribbon; Rhea Henault, Reedsport, red ribbon.

Other Douglas county 4-H awards are as follows: Willard Weiss, Smith River, blue ribbon in forestry; Jack Jensen, Gardiner, Champion in forestry; Joy Zeller, Brockway, blue ribbon in gardening; Wade Worthington, Canyonville, first place in corn; John McGraw, Green, 4th in woodworking; Carol Burgin, Days Creek, blue ribbon in canning contest; Ann Roth, Brockway, blue ribbon in the canning contest; Mary Lee Rust, Azalea, red ribbon in Dolls; Dinner contest for seniors and Patricia Tutbill, red ribbon in junior division of Dolls Dinners.

Around 85 4-H exhibits were taken from Douglas county for showing at the Oregon State Fair this year and approximately 40 of them placed. According to the judges at the fair the quality of the cooking and canning from Douglas county is much better than average.

In the canning division were: Mary Porter, Smith River, red ribbon; Martha Dobbins, Brockway, red ribbon; Gary Shuck, Days Creek, red ribbon; Joy Zeller, Brockway, white ribbon; Anna Lee Knutsen, Reedsport, blue ribbon; Loretta Oleson, Curtin, red ribbon; Carolyn Knutsen, Reedsport, red ribbon; Ann Roth, Brockway, white ribbon; Carol Ann Burgin, Days Creek, blue ribbon; Mary Roberts, Smith

Reedsport, red ribbon; Anna Lee Knutsen, Reedsport, red ribbon; Elizabeth Heilman, Dillard, blue ribbon; Marilyn Tollefson, Reedsport, blue ribbon; Darlene Parker, Loon Lake, champion; Sue Woodward, Wilbur, blue ribbon; Mary Coggins, Days Creek, red ribbon; Lorna Vance, Lookingglass, white ribbon; Mary Holbrook, Roseburg, red ribbon; Lola Lee Lynn, Lookingglass, white ribbon; Lavaughn Bennet, Days Creek, red ribbon; Shermaine Chapman, Drain, red ribbon; Alice Laskey, Gardiner, blue ribbon; Joanne Richman, Roseburg, blue ribbon; Pat Roark, Roseburg, blue ribbon; Joan Phillips, Roseburg, blue ribbon; Barbara Snyder, Days Creek, red ribbon; and Carol Ann Burgin, Days Creek, red ribbon; and Patsy McGraw, Green, red ribbon.

In the canning division were: Mary Porter, Smith River, red ribbon; Martha Dobbins, Brockway, red ribbon; Gary Shuck, Days Creek, red ribbon; Joy Zeller, Brockway, white ribbon; Anna Lee Knutsen, Reedsport, blue ribbon; Loretta Oleson, Curtin, red ribbon; Carolyn Knutsen, Reedsport, red ribbon; Ann Roth, Brockway, white ribbon; Carol Ann Burgin, Days Creek, blue ribbon; Mary Roberts, Smith



HOME COMING—Back from Europe after her unsuccessful attempt to swim the treacherous English Channel, Shirley May France is welcomed by her family on her arrival at New York's LaGuardia Field. Left to right: Sister Marilyn, 13; her mother, Mrs. Florence France; Shirley May; father, J. Walter France, and brother, Jackie, 4. In front is Shirley's sister, Carla, 11.

More Veterans Will Use State School Benefits

Indications point to a considerable increase in numbers of veterans who will use state educational benefits to help pay their way through college this year, Edward T. Taggart, educational officer for the Oregon Department of Veterans' Affairs, announced this week.

A survey of state and independent colleges by Taggart disclosed that school officials expect more veterans to apply for benefits under the state program

starting this year because their GI benefits are running out.

While state veterans' benefits are smaller than those paid under the federal program, more than 3,000 Oregon ex-servicemen have drawn state aid since 1945. Last school year's peak was in March when 529 students were on the active list for state benefits.

Eligible Oregon veterans enrolled in full time undergraduate college studies this year can expect a \$15 increase in state benefits as the result of 1949 legislative action raising to \$50 a month the amount payable to such students. They must be enrolled for at least 12 credit hours in an accredited school of higher learning.

The regular \$35 monthly payments remain in force for graduate students and those enrolled in high school, extension courses, and vocational and technical schools.

To qualify under the state program, the veteran must have resided in Oregon for one year prior to active duty, must have served at least six months after Sept. 15, 1940, and before Dec.

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SOUVENIR FROM WRECKED B-29—Souvenir hunters found lean pickings at the scene of a B-29 crash near San Jose, after the big plane struck the ground and disintegrated. Here Philip Brancato (left), Herman Bittel and Ginger Harker display some of the larger scraps found near the scene of crash. Twelve crewmen parachuted to safety.—AP Wirephoto.

Douglas County 4-H Club Workers Take Many Ribbons At Last Week's State Fair

Last week at the Oregon State Fair in Salem, Douglas county 4-H clubbers took their share of the prizes by getting three state championships and a number of blue and red ribbons.

The state champion cookie maker is Darlene Parker of Loon Lake; the champion forestry clubber in forestry II is Jack Jensen of Gardiner, and the champion 4-H poultry raiser is Ann Roth of Brockway.

Placing with their animals and exhibits from Douglas county were: Glen Jones, Camas Valley, two second ribbons, one third and one fourth, in the milking short-horn division; Anne Roth, one first and a fourth in the poultry division; Jean Ames, Curtin, first place senior doe in the rabbit division.

4-Hers from Douglas county who placed in the cooking division were: Charlene Bentley, Roseburg, white ribbon; Rhea Hen-

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ASPARAGUS No. 2 Cans 2 for 29c	WALNUTS 2-lbs. 45c
APPLE BUTTER Sunshine Krispy 14-oz. Jar 9c	MILK All Brands Tall Cans 2 for 25c
CRACKERS Tenderleaf 2-lb. box 43c	Quality Meats
TEA Hunt's 1/2-lb. pkg. 49c	Fancy Sirloin Steaks . . . lb. 79c
HOT SAUCE Can 5c	Bacon Squares . . . lb. 29c
	Choice Beef Roasts . . . lb. 49c
	Round Steak . . . lb. 73c
	Fresh Fruits and Vegetables
	Lady Finger . . . 2-lbs. 23c
	Local . . . 2 bunches 15c
	Nice Solid Cabbage . . . lb. 3c
	U. S. No. 1 Potatoes 25-lb. bag 1.09

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They're here now, brand new model Frigidaire Refrigerators to store loads of food safely, conveniently, economically; Automatic Electric Ranges to save you time—they even cook meals while you're away—the Frigidaire Automatic Washer that washes 8 lbs. of clothes at the touch of a finger. Also, there are the new Automatic Frigidaire Electric Water Heaters that keep a plentiful supply of piping-hot water on tap at all times. Come in now. See all these new Frigidaire Home Appliances. Prove to yourself how they save you more time, work and money.

<p>Automatic Electric Water Heater</p> <p>Frigidaire Electric Water Heaters all have the wonder-working Magnesium Rod that draws corrosive elements away from the tank to the rod. Keeps tank free of "pitting". Radiantube Heating Unit saves current. Tank and Table Top models.</p> <p>40-gallon model shown \$139⁷⁵</p> <p>Other models from \$154⁷⁵</p>	<p>Frigidaire All-Porcelain RK-60 Electric Range</p> <p>Here's new, stunning, all-porcelain beauty combined with Frigidaire's matchless automatic conveniences to make cooking easier, faster and meals tastier, better every day in the year. See it now! See all seven of the new Frigidaire Electric Range models. There's one that will fit your own needs in price, size and convenience.</p> <p>\$289⁷⁵</p> <p>Other models from \$154⁷⁵</p>	<p>All-Porcelain Frigidaire Automatic Washer with Live-Water Action</p> <p>Only Frigidaire has Live-Water Action, and All-Porcelain finish inside and out! Just put in clothes and soap, set the Select-O-Dial and walk away! Clothes are washed, rinsed twice, in clean water, and then spin-dried so dry some \$299⁷⁵ are ready for immediate ironing.</p>
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Aged Groom Wants To Be Treated Right By Wife

ENID, Okla., Sept. 16.—(AP)—"Will you take this woman?" Justice of the Peace A. C. Moyer asked at a wedding ceremony here.

Joseph N. Grove, 72, Shamrock, Tex., spoke right up.

"I will—if she treats me all right."

His bride, Mrs. Sally B. Chitwood, 65, Garber, Okla., smiled.

She made no provisions in her vow, but later demanded the groom's assurance she could be carried over the threshold.

The nation's largest Indian pageant is staged every August in Gallup, N. M.