

# Heppner Gazette Times

MORROW COUNTY'S NEWSPAPER  
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## Atoms In The Earth

In Northern Canada, sometime during 1961, the dull thud of an underground nuclear explosion may be the only outward evidence of a tremendous convulsion far beneath the earth. The explosion may unlock some 300 billion barrels of oil trapped in a strange deposit known as the Athabasca sands. The importance of this experiment can be judged from the fact that the entire proved oil reserves of the world presently amount to some 275 billion barrels.

In this Athabasca deposit, each grain of sand is coated with oil so sticky that no way has been found to separate it, so it can be pumped from the earth. Now, an oil exploration company is drilling a 36-inch hole, 1200 to 1400 feet, through the overburdened and some 200 feet of oil sand and rock, down into the underlying layer of limestone. An atomic explosion, of from 2 to 10 kilotons in size, will be set off at this point. It's expected that the surrounding mass of rock will

be instantly vaporized and a hollow ball, some 250 feet in diameter, will be formed. As this collapses, the oil and sand formation is expected to tumble into the cavern. It is believed that the heat from the blast, which will continue to seep upward for months, will raise the temperature of the oil sufficiently to cause it to flow free of the sand. Then, the deposit can be drilled and the oil pumped to the surface.

Now, here's the catch—no one knows whether this will work and expert opinions on cost differ widely—ranging all the way from a prohibitive \$36 per barrel down to the oil exploration company's estimate of a dollar a barrel at the well-head. Acceptance of long odds is a natural condition of the oil exploration business. But beyond that, it takes a lot of imagination to devise a practical method of dropping a \$500,000 atomic bomb down a hole, in order to melt oil deposits free of sand. And that idea may double the world's known proved oil reserves and prove again the power of incentive as the best guarantee of abundant future oil supplies.

## From The County Agent's Office

By N C ANDERSON

A new idea in orchard plantings for the person living on a city lot came to our attention recently. The item pointed out that even a small garden can support some fruit bearing trees or shrubs which will serve two purposes. They can add to the appearance of the garden when they flower or are laden with ripening fruit and they serve an economic purpose as well giving fruit for fresh or canned desserts. Many backyard gardeners have turned to dwarf fruit trees when space is limited or because dwarf trees are easier to care for yet produce enough fruit for the average size family. The new innovation is setting three trees in one hole. As they grow, cross pollination accomplished and the clump looks like one tree. This provides three different varieties of apples in the same space that it took to grow one. Those who have experimented with this say they like it much better than growing three varieties of apple on one grafted trunk. Now is a good time to plant all fruit trees. A good trio of cherries to plant together might be Royal Ann, Lambert and Bing. A popular apple is the new Clarich strain of Delicious originated at Peshastin, Washington.

Well over 100 persons from Eastern Oregon and Washington with some from the western parts of these states, attended the Milton-Freewater beef trial field day on Monday of this week. The program covered the many different phases of the trial including the affect of antibiotics and tranquilizers on the adjustment of weaner steers to feed lot conditions; results of rations on different size steers and comparisons of the various types of rations fed. Also discussed were various levels of grain for profitable beef feeding, values of various roughages for wintering and fattening weaner steers, hormone implantations for wintering fat steers, values of various protein sources and variation in performance of cattle on similar rations.

Results of these various phases will be available soon in mimeographed form. Copies will be available from this office. Dr J C Miller, head of the dairy and animal husbandry, department, Oregon State College participated in the field day making comments that should be of interest to all livestock operators.

While emphasis during the day had been put on the various rations and feeding conditions, Dr Miller pointed out that there were differences of one-fourth and one-third pound daily gains within the same cattle gaining top with bottom gainers. He stressed the need for selection for gaining ability and that at least one-half the gain is attributed to inheritance. He pointed out the need for keeping adequate records and that the cattleman is not making the best use of his finances, time and efforts if he is not getting top gains possible. He stressed the need for progeny testing, pointed out that beef production is going to become more competitive as years go by. In recommending beef men buy bulls of known productive ability, he pointed out instances where ranchers are getting a five to seven cent premium over average market price for their calves from herds of known productive ability.

Attending the field day from Morrow county were: Robert Peterson, Ione; Kenneth Palmer, Lexington and the agent.

Arrangements are being made at this time for some pruning demonstrations to be held on March 8 and 9. There will be a pruning demonstration at the Bob Smith farm near Irrigon on Tuesday afternoon, March 8 with demonstrations scheduled for the morning and afternoon of the 9th in the Heppner area. A demonstration in pruning an old apple orchard will be held at the Blaine Chapel farm near Hardman at 9:30 a. m. March 9th. No definite place has been scheduled for the afternoon demonstration as yet. Plans are being made to hold this demonstration at a home where there are both young and older fruit trees and ornamentals. We will discuss fertilizers, varieties and

## THIRTY YEARS AGO

From the files of the Gazette-Times  
March 6, 1930

The Peterson Jewelry store and the garage of Latourell Auto company were entered by prowlers Saturday night or early Sunday morning.

A library meeting was held last Thursday night at the American Legion hall in the interest of organizing and putting the library on an operating basis. Mrs. Lucy Rodgers was elected president.

Mr and Mrs L D Hale of Ione were transacting business in Heppner Saturday.

Joseph Nys accompanied by C L Sweek, Samuel E Notson and Ben Patterson, motored to Pendleton Monday afternoon that they might take up court matters with Judge James Alger Fee.

Mrs C W McNamer went to Ione Wednesday to attend a party given by Mrs Mike Cotter in honor of Mrs Del Ward.

## LEXINGTON

Mrs O W Cutsforth entertained on Thursday with a birthday party honoring her daughter, Lisa on her birthday. The rooms were cleverly decorated with balloons and each youngster had a fun hat brightly colored. Prizes were given for games after which birthday cake and ice cream was served. There were 9 little girls present for the occasion. Tammy Rauch and Sharon Cox were over night guests with the little hostess.

Mrs LaVerna Henderson and Mrs Delpha Jones visited at the Ralph Crum home in Ione on Monday.

other questions about fruit trees. If you don't get a card on the schedule, and are interested, call this office for the time, place and full particulars.

## 354 COUNTY 4-H'ERS TO OBSERVE NATIONAL 4-H CLUB WEEK

Three hundred and fifty four young people in Morrow county will join in observing National 4-H Club Week from March 5 to 12. The local youth, 9 to 21 years of age, are among the 2 1/2 million 4-H'ers of America who belong to some 93,000 clubs in rural, urban, and suburban communities. The county has 38 clubs involving 35 adult leaders and 21 junior leaders.

Special 4-H week activities planned for this vicinity, according to Miss Esther Kirrils, Morrow county extension agent, include, 4-H displays in various business windows in Heppner, Ione and Lexington; special "Thank You" letters to 4-H friends who have given 4-H summer school scholarships or supported 4-H livestock sales; copies of the "4-H News" national 4-H magazine in barber shops, beauty shops and doctor's reception rooms; and posters have been sent to all five schools in Morrow county publicizing the week.

4-H members will themselves be walking advertisements when they wear 4-H club work tags to their schools during the week. 4-H napkins will be used in Heppner and Ione cafeterias on March 7. Special programs on the work of this well known agency will be presented at the Ione P-TA on Wednesday evening, March 9; the Rhea Creek Grange on Friday evening, March 12; the chamber of commerce luncheon at Heppner on Monday, March 14; and the Soroptimists club on March 24.

Nationally, 4-H club week will be highlighted in Washington, D C by six previously selected members who will present the annual 4-H "report to the nation." The report will summarize in story and pictures outstanding 4-H accomplishments and current projects. The three girls and three boys, while in the nation's capital, except to review the report with President Eisenhower at the White House, also plan to visit the secretary of agriculture, Ezra Taft Benson; C M Ferguson administrator of the federal extension service, and various senators and members of congress on capitol hill.

4-H'ers everywhere will share honors with the 296,000 adult

volunteer leaders who guide 4-H work in local communities throughout the 50 states and Puerto Rico.

The main purposes of 4-H club week are: to acquaint more young people with opportunities available to them through doing or forming 4-H clubs; to assist new members in starting projects in agriculture, home-making, community service, and other activities; to inform the public about 4-H aims and methods.

The following are the 4-H clubs in Morrow county by communities:

Lexington: clothing club—Mrs R H Davidson and Mrs Bernard Doherty; livestock club—Mr and Mrs Jim Bloodsworth; livestock club—Roy Martin and Kenneth Peck.

Ione: clothing—Mrs Loren Leathers and Mrs Harold Snider, Mrs Louis Carlson and Mrs Ruth McCabe; saddle horse—Garry Tullis; foods—Mrs E M Baker; livestock—Mrs Herbert Ekstrom.

Heppner: clothing—Mrs William Rawlins and Mrs Kenneth Batty; Mrs Jack Healy and Mrs William Heath; Mrs Andy Van Scholack and Mrs Merritt Gray; foods—Mrs Douglas Drake and Mrs Herb Case; knitting—Mrs Bob Jones and Mrs Bruce Spencer; livestock—Marcel Jones and Paul Warren. Horse club—Joe Hay.

Rhea Creek: livestock—Frank Anderson and Harold Wright.

Boardman: clothing clubs—Mrs Nathan Thorpe and Mrs Earl McQuaw; foods clubs—Mrs Delbert Carpenter and Mrs E C Daniels; archery—Gunnar Skoubo; livestock—Roy Partlow and Bob Sicard.

Irrigon: clothing—Mrs Larry Schaad, Mrs Charles Early, Mrs Roy Davis, Mrs M E Hadwick, and Mrs F J Murtishaw; foods clubs—Mrs Perry Pummel and Mrs Ward Honey; knitting—Mrs Helen Franke. Tractor—Bufford Witherspoon; archery—Mr and Mrs Elmer Zehner and Mr and Mrs Willard Leppers; livestock—Max Jones and Bob Smith; Electricity—Mr and Mrs Sam Snyder; woodworking—William Parker and Minnie Skiles.

Pine City: livestock—Weldon Witherrite; saddle horse—Charlie Daly.

## SKI TIPS FOR BEGINNERS

By Dr ROBERT PFEIFFER

The past two articles have stated that the snow conditions at the new ski area have been very good, but the past weekend the snow conditions were near perfect and I doubt if they could have been or will be better. What was it like?—Ten inches of light dry powder on a firm pack, which made the entire hill in excellent condition.

Last week we discussed ski equipment and assuming that you have or will make an investment for skis and accessories, adequate care will prolong their life and usefulness.

Skis must be protected from absorbing moisture. This is accomplished by applying varnish or plastic such as is used on boats, on the tops and side surfaces and the use of any type of commercial base wax for skis applied on the bottoms. When the surfaces become scarred or chipped, it is a good idea to either repair the damage or refinish the skis.

There are many preparations for treating ski boots and among the most reliable is Sno Seal. Being a wax, it is best applied to the boots when they are dry and warm so's the Sno Seal can penetrate the leather. One or two applications per season is usually adequate.

Leather gloves and leather mittens may also be treated the same as your ski boots.

Ski jackets, nylon or wool, may be waterproofed at your own discretion. Die-hard ski enthusiasts who ski in the rain will probably waterproof their own garments.

Ski poles need little attention other than maintaining their ap-

pearance and conditioning the leather straps with Sno Seal.

Summer storage consists of blocking the skis to maintain their camber and blocking of boots to hold their shape and keep the soles from curling.

That snow shovel you carry in the car should be given a coat of paraffin to prevent the snow from sticking in event of usage. Tire chains and tow cables should be treated to prevent rusting.

The writer and all those who visited the area this past weekend wish to convey their thanks to O W Cutsforth for plowing the road to the area at his own expense last week.

Next week—Emily Post on the ski hill. Ski Hell.

## 4-H Club News

### 4-H ROUGH RIDERS

The third meeting of the 4-H Rough Riders was called to order and the minutes were read.

Insurance was paid by members. The Insurance was 70c for a year.

Under new business we discussed what we would do on our 4-H field day. We planned a committee to get cups and drinks to serve the different counties.

Mr Anderson showed us a movie on horse's gait.

We also discussed what we would be doing during 4-H week.

The meeting was closed. Mrs Bill Barratt gave a talk on the breeds of horses and their characteristics.

Guests were Mrs Roice Fullerton, Mr and Mrs Jim Valentine, Mr and Mrs Al Fetsch, Mrs Bill Barratt, Gene Pierce, Homer Hager, Mrs Rod Murray.

Marlene Fetsch, reporter

USE GAZETTE TIMES CLASSIFIED ADS

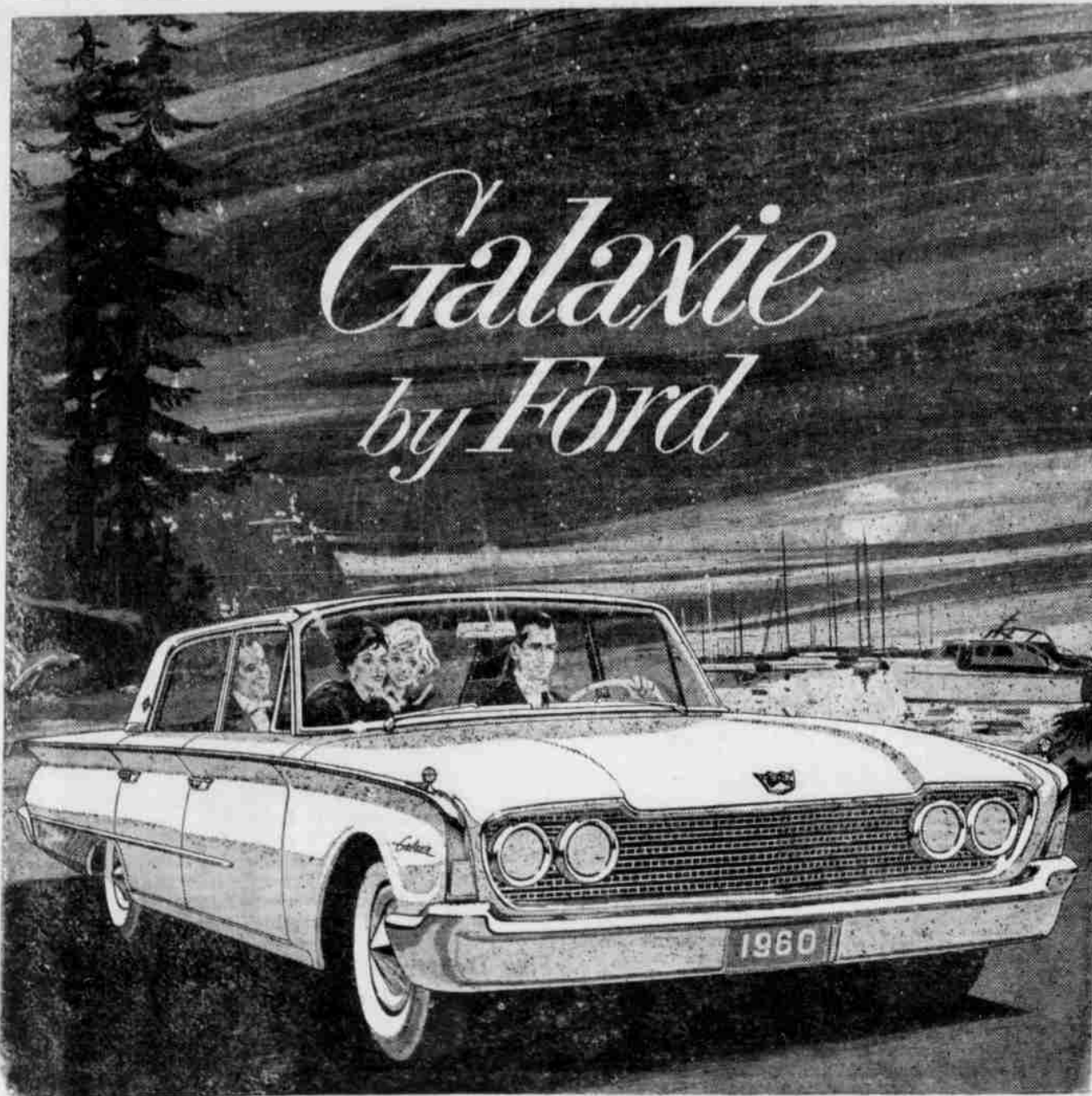
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HEPPNER



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## STAR THEATER

Thurs., Fri., Sat., March 3, 4, 5

Timbuktu

Victor Mature, Yvonne DeCarlo. PLUS

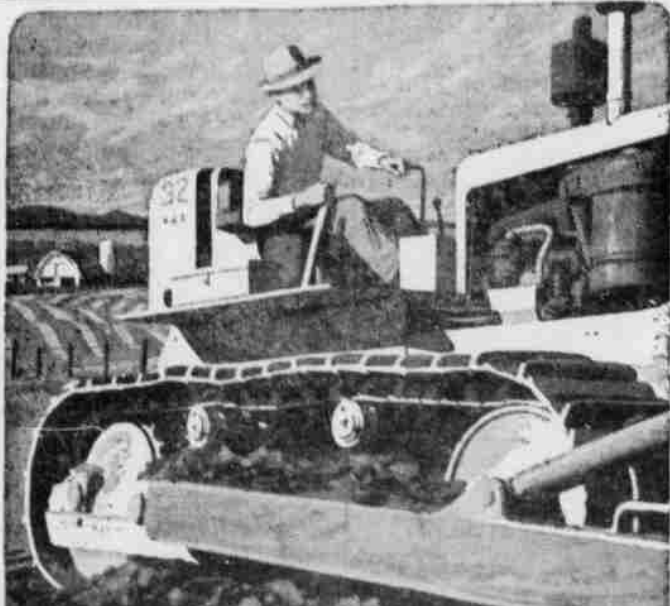
The Warrior  
And The Slave Girl

Lots of action. In color.

Sun., Mon., Tues., March 6, 7, and 8.

The F. B. I Story

James Stewart, Vera Miles. Sunday at 4 and 6:45



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