

At The Churches

The ordinance of baptism will be administered at this church at the close of the evening service next Lord's Day. on, "The Man Who Knows No Want." and in the evening on the subject, "Bible Teaching Concerning Baptism." Rev. J. M. Nelson, Pastor.

## M. E. CHURCH

Preaching 11 a.m. by Dr. Fawcett. Services at Bennett Chapel in the evening. The young people of Lents M. E. Church will render a program for the

W. FOYD MOORE Pastor.

#### **Friends Church**

Levi T. Pennington, President of on the reservation. The magnetite Pacific College, Newberg, Oregon will beds are widely distributed over the

#### EVANGELICAL CHURCH.

pictures-A contrast will be presented. the mouth of Kennedy Coulee, near

P. Conklin Pastor.

ADMINISTRATORS NOTICE Mary Gritzmacher Estate. Notice is hereby of the estate of Mary Gritzmacher. deceased. total thickness. The grater part of has filed his final account in the Circuit Court of the State of Oregon, for Multnomah County. and that Monday, the 29th day of September, 1918, at 9:15 a. m. of said day, and the Courtroom of Department No. 6 of said Court has been appointed by said Court as the time and place for the hearing and settlement of said becount and the objections thereto, if any. Date and first publication August 28 1913.

Charles Gritzmacher, Administrator John Van Zante, Attorney.

# IRON SULPHATE SPRAY FOR WEED DESTRUCTION

Oregon Agricultural College, Corvallis, Ore., Aug. 18 .- A solution made by dissolving iron sulphate in watter at the rate of 100 pounds to 52 gallons of water, will kill most broad leaved grain in which they are growing. Its use, if properly prepared and applied. will prove very effective, but cannot take the place of rotation of crops,

the ladies of the W. C. T. U. and set forth by Professor H. D. Scudder. Baptist church to be held in the Baptist argonomist of the Oregon Agricultural College, somewhat as follows: The

Mrs. Mark Heacock and sister, Miss especial value of this spray in the Mary Wilson of Damascus, spent Tues- destruction of weeds is due to the fact that it may be applied in such a way as other spot. Give them "the freedom of to kill the weeds while they are growing the house," as far as possible. While Miss Myrtle Rusher is visiting her in the grass or grain crops. As iron insisting that they be neat and orderly, aunt, Mrs. R. Lansdowne, at pleasant sulphate is a powerful salt its actions don't be what boys call "fussy." Let Home, Mrs. Lansdowne is improving are similar to that of an alkali in the soil, drving the leaves up, turning them brown and causing them to die. It will

# NEW DEPOSITS OF IRON ORE.

# Magnetite beds found by Geological Survey in Blackfeet Indian Reservateon-

While making a geologic examination of the Blackfeet Indian Reservation in northwestern Montana in 1912, Eugene Stebinger, of the United States Geological Survey, found a number of magnetite beds carrying a notable percentage of iron. The beds occur in a prominent sandstone formation which can be traced for many a miles, entirely across the reservation. Although they are of considerable economic interest. especially because of the opening of the are apparently no published bescription or even mention of them extant. They have not been prospected because of regulations restricting such operations M. B. Smith, Pastor, situated on the east edge of the area, and Browing, at present the Indian agency for the reservation. The thickest Preaching 11 a. m. and 8 p. m. Two beds found on the reservation occur at

In the same township, on the opposite side of Milk River, the magnetitebearing sandstone is well exposed in steep cliffs averaging about 100 feet in height. The cliffs are capped by ironthese sandstones can not be classed as high-grade rock, although a few thin beds, in no place reaching an aggregate thickness of more than 4 feet, are rich in magnetite. A sample from this locality showed on analysis 33.2 per cent of iron and 106 per cent of titaniun oxide. Samples taken from other deposits in the vicinity indicate that a considerable tonnage of ore which would average about 50 per cent of Iron could be hand-sorted from these beposits. although the average of the material available would probably not run more than 30 to 40 per cent. The proportion of titanium oxide in the ores is considerable, averaging over 12 per cent in one sample. This high titanium content renders these ores unfit for use, according to present metallurgical pratice. although it is believed that ores of this type may eventually be successfully smelted. A copy of the report may be had free upou application to the Director of the United States Geological Survey.

# PLEASANT FOR THE BOY

Virginia Baker in the Mothers' Magazine.

# The Herald Combination Offer

Herald and Weekly Oregonian one year ..... \$2.00 Herald and Daily Oregonian one year ...... \$6.00 Herald Daily and Sunday Oregonian one year \$7.50 Herald and Daily Telegram one year ...... \$5.75 Herald and Semi Weekly Journal one year ... \$2.25 Herald Daily and Sunday Journal one year ... \$7.50 Herald Oregon Agriculturist one year ...... \$1.15 

day in Gresham.

Church Friday evening,

and able to be up some.

T. R. Howitt had a slight attack of appendicitis last Tuesday.

Mrs. Jas. Lawrence will return to Manzanita Beach this week.

Harold Kern who has been working n Portland is at home now.

Kenneth Roberts spent the week-end with his parents Mr. and Mrs. D. M. way at the rtght time it will distroy liberty to bring home his mates now Roberts. He is working on the O. W. R. & N. cut-off at Cheney, Wash.

Lee Merrill is enjoying a vacation now. Manzainta Beach.

E. Davidson and son Glen, have been enjoying an outing at Newport.

Mrs. O. A. Eastman and daugeter, Gertrude, and son Wilson, have returned home alter a few months visit in Wisconsin and Chicago.

Mr. and Mrs. S. E. Toepelman are expected home from San Francisco, plied with a sprayer which will deliver Sept. 1st.

have been working at Bull Run, spent as possible. The spraying should be Sunday at the formers home.

Sept. 22, on account of the County Fair, blossoming. In making up of the Floyd Metzger will attend Reed solution wooden barrels should be used. College this winter.

is visiting relatives in Greeham. Mrs. L. T. Lusted visited her son, Harry Lusted and family, in Lents last Monday.

The Oddfellsws lodge has just had a new roof put on their hall, The work on the fair grounds is being

rushed. Mrs. Harve Metzger died at her home in Portland, Wednesday at 4 P. M. a large horse machine should be used. The funeral was held in Gresham to-day On a smaller scale a hand sprayer Mrs. Metzger has been a sufferer from with a strong fine spraying nozzle will to a cut, bruise, sprain, burn or scald, cancer for many months She is sur serve the purpose. For mustard in or other injury of the skin will immedivived by her husband, one daughter, wheat fields, one epraying is sufficient, ately remove all pain. E. F. Chamber-Velmax, and one son, Quinn Metzger. but for such persistent plants as dan- lain of Clinton, Me., says :- "It robs H. S. Harvey had the misfortune to delion it must be repeated as often as cuts and other injuries of their terrors.

pending a lew days with Miss. Pearl the leaves may be turned brown. Reugg at Senic.

not destroy grains or grasses because of its limited area of action on their narrow, also games, puzzles and other things, linear leaves. Used as a spray, iron both instructive and amusing. If possisulphate has been thoroughly tested by ble, let your boys have a "den" of some experiment stations as well as by kind for their very own. Encourage manufacturers of the sulphate. If prepared properly and applied in the right dandelion, wild carrot; bull thistle, pepper grass, wild daisy, shepherd's purse, pig weed, lambs quarters, Miss Ivey Lusted has returned from mustard, yarrow and sorrel. If used to destroy dandelions on lawns it will injure the white clover. Nor can the spray safely be used on weeds growing in any broad leaved crop as it will distroy both crop and weeds. To be most effective the spray should be applied during dry. sunny weather, for if the weeds are washed by rain within three days, the salt will not kill them. it should be apthe spray forcibly in a fine mist, so that Mark Emery and Fred Straup who the weeds may be covered as completely done on a quiet day and should be

Gresham School will not open unfil applied to all weeds just before as the sulphate corrodes all metals Miss Norma Muender of Oregon City, except brass. As it loses strength on stunding it . should be made up fresh each day. The sprayer and all connections sheuld be of wood, rubber or brass. After use the sprayer should be cleaned with water to prevent clogging or corroding. Made up in the required strength the solution will stain hands and clothing, but the hands may be idle hands.

protected with vaseline. Where spraying is done on an extensive scale lose his hay crop off from thirty acres. the plant comes up. Flax or wheat It was stacked on his place and in some may be sprayed with out injury to the crop when it is from six to twelve 25c. at all druggists. Miss. Evelyn Metzger has been inches in height, although the tips of When making sponge cake, dust the

that they will hold it dearer than any them use the furniture and the books, for use is what books and furniture are made for.

Have plenty of good books at hand: them to invite their young friends to and then, after school, or to "ask them over" for a social evening occasionally, have no necessity to seek companions in the streets.

Don't frown down "fads." Let the boy collect things if he wishes to. Don't term his precious collections "rubbish" or "litter," and don't complain that they "gather so much dust." A better way is to insist that he shall, himself, keep his treasures in good order. Remember that each fad has an influence on the boy's body, mind or soul.

Such tads as collecting shells, flowers or rocks and minerals, take the boy out into the open air and strengthen him physically. They bring him into close relation with Nature's myriad and wonderful beauties. They bring him nearer to God and develop and refine his soul.

Other fads, such as post cards, stamp and coin collecting, quicken his mental perceptions and are wonderful educational aids. Indeed, almost any harmmind occupied, and it is as true that Satan finds some mischief for idle mind to do, as it is true that he finds it for

### The Best Pain Killer

Bucklen's Arnica Salve when applied

top lightly with powdered sugar before putting in the oven.