

BUSINESS DIRECTORY

STUDIO BARBER SHOP

FIRST CLASS WORK
AT REASONABLE PRICES
J. E. Stephens, Prop.

A. E. HANSON

WOOD AND COAL
Cord Wood or Slab—any length
any kind
Prompt Delivery.. Phone 4504

HALSTEN HARDWARE

STANDARD HARDWARE
AND FURNITURE
Cash paid for old stoves and
furniture
In Bank Block

Fountain Service .. Best of Eats

Whitehall Restaurant
MAGAZINES AND CANDY
BEAVERTON OREGON

Beaverton Lumber Co.

WE SOLICIT YOUR PATRONAGE
Lewis Brothers, Proprietors

MAPES & SON

BILLIARD PARLOR
Cigars, Tobaccos
Confections, Soft Drinks
Cady Bldg. — Watson St.

F. W. BISHOP

PLUMBING and HEATING
Hardware, Paints
Phone, 2003 .. Beaverton

W. E. PEGG

UNDERTAKER and EMBALMER
Grange Building — Beaverton

Beaver Wood & Ice Co.

Block Wood, Planer Ends; All
grades of Utah-Wash. coal.
Yard at Front & Main
P. L. Schultz Phone 6702
BEAVERTON OREGON

Beaverton Barber Shop

C. J. STEVENS, PROPRIETOR
SATISFACTION GUARANTEED
Beaverton, Oregon

C. FLORENCE

Electric Wiring and Repairing
Huber, Ore. Tel. 2407

BEAVERTON FEED

and
PRODUCE COMPANY
Highway and O. E. Tracks
C. J. Beach, Manager

First Class Plumbing, Heating and

Gas Fitting Done at Reason-
able Prices Here
We Cut and Thread all size Pipe
Phone Beaverton 3303
FRANK NOYES

DR. A. E. WILSON

Optometrist
Eyes Tested Frames Fitted
Beaverton Oregon

DEWEY

THE PLUMBER
Our work speaks for itself.
Beaverton, Ore., Phone 7702

We Carry a Good Selection of

Shrubby, Fruit, Fil-
bert and Nut Trees
OELRICH NURSERY
COMPANY
Visitors Welcome
Located one mile north of Reed-
ville, at the corner of market
and Baseline Roads,
Hillsboro, Oregon, Route 4.

A LINE'R TWO

If women had any sense there
would be more bachelors.
Love makes the world go round the
bend and park in a lane.
Lots of people think the world
owes them five or six livings.
The hard thing about making mo-
ney last is making it first.
Being popular doesn't leave much
time for making real friends.
A soft answer doesn't turn away
as much wrath as a hard look.

FROM OUR CORRESPONDENTS

Interesting Little Notes from the Surrounding Country as
Told by Our Active Special Correspondents Weekly.

KINTON HAPPENINGS

Miss Mable VanKleeke spent Sun-
day with friends in Scholls.

Regular all-day session of the
grange will be held at the hall
this Saturday.

Mr. and Mrs. Harry A. Richards
returned from Portland Wednesday.
His health is slightly improved.

Mr. and Mrs. T. A. Thomas of
Portland were recent guests at the
home of Mr. and Mrs. W. C. Hall.
Master Earl Ward has been quite
ill during the past week at the home
of his parents, Mr. and Mrs. Dave
Ward.

Elwood Wilson was taken to St.
Vincent's hospital in Portland last
Tuesday, where he will receive treat-
ments.

Warren Wilson went to Portland
Tuesday morning to visit his son,
Elwood, who is ill in St. Vincent's
hospital.

Mrs. H. M. VanKleeke, a frequent
visitor of this community, has been
very ill during the past week with
pneumonia.

Matters of importance were dis-
cussed at the meeting of the school-
board held at the school house Mon-
day evening.

Mr. and Mrs. Charles VanKleeke
and daughter Effie of Hiteon at-
tended the Easter exercises at the
church, Sunday.

Misses Ida and Rosa Bucher, who
are employed in Portland, spent
Sunday with their parents, Mr. and
Mrs. F. A. Bucher.

Mr. and Mrs. Fred West and Miss
Ivy Snider of Portland were Sunday
guests of their parents, Mr. and
Mrs. George Snider.

Mr. and Mrs. T. Heeschen of
Portland were Sunday guests at the
home of Mrs. Heeschen's daughter,
Mrs. W. L. Vanliorn.

Mr. and Mrs. Glenn Snider and
family of Lake Grove spent Sun-
day with Mr. Snider's parents, Mr.
and Mrs. J. C. Snider.

Messrs. Roy Bieri and E. L.
Cox were busy last Wednesday in
building a fine fence between their
respective properties.

Mrs. C. W. Young and family
were transacting business in Port-
land Saturday. As a result, the son,
Leo is proud owner of a bicycle.

Mr. and Mrs. Art Meyers and fam-
ily of Portland were Sunday guests
at the home of Mrs. Meyers' par-
ents, Mr. and Mrs. George McNamee.

After spending the week with his
mother, Mrs. H. M. VanKleeke, who
is very ill at her home in Portland,
J. J. VanKleeke returned to his home
Saturday evening.

Mrs. Edith Landres and children
from Chitwood, Or., arrived Sunday
at the home of her parents, Mr.
and Mrs. J. J. VanKleeke where she
will make a visit.

E. L. Cox, president of the Cooper
mountain Cemetery Association,
attended a meeting held at the
church last Thursday. Some neces-
sary work was done to the cemetery.

Mrs. Webber Hatrum and two
sons and Mrs. Amy Krivanek of
Portland were visitors last Friday
at the home of Mr. and Mrs. J.
J. VanKleeke, Pleasant Valley road.

The following were Sunday guests
of Mr. and Mrs. F. J. Holboke:
Mr. and Mrs. T. Tanner of Portland,
Mr. and Mrs. M. F. Welter and
daughter, Jean, of Timber and Mrs.
Ruby Meyers of Laurel.

Miss Ina Rood, who accompanied
the remains of her mother to Wis-
consin a couple of weeks ago, re-
turned to her home on Reedville
road last week. Miss Rood was a
guest of relatives while in the east.

The following were Easter Sun-
day guests of Mr. and Mrs. August
Wenzel: Mr. and Mrs. Kurt Braune
of Rainier, Or., Joseph Wenzel,
a student at the state normal at Mon-
mouth, and Mr. and Mrs. Alfred
Wenzel of Portland.

ALOHA-HUBER

Mrs. Oscar Mason has been kept
quite home by illness.

Charles Haines spent the week
end visiting his family at Huber.

Mr. and Mrs. Sophus Bonlokke of
Yamhill visited at their home here
over the week end.

Mrs. Alice Wheeler has returned
to her home here after a visit with
relatives in Portland.

A Moore and family of Vista Av-
enue, enjoyed a short vacation at
Netarts on the coast a few days
last week.

Mrs. Arndt passed away at her
home in Huber Friday, after an ill-
ness of several months. Funeral
services were held Monday from
the St. Cecilia church in Beaverton.

Mr. and Mrs. Tad Wheeler en-
tertained friends at a five hundred
party at their home Saturday eve-
ning. Refreshments were served and
a part of the time was spent in
dancing.

William Shoemaker, former res-
ident of this place but now hold-
ing a Government position at Dulce,
New Mexico, is having his house
here redecorated, inside and out.
The work is being done by A. Nor-
gaard.

CEDAR MILL

Leedy Grange held a special meet-
ing Tuesday evening.

Mrs. W. E. Barnes returned home
Sunday after a five months stay in
Pensacola Florida.

Mr. Jim Walter is on the sick list,
he will take treatments for gonorr-
hea at a Portland hospital.

Mrs. Burris and Louis Stark won
the prizes at the "500" party given
at the Grange hall Saturday night.

Mr. and Mrs. Samuel Walters
were visitors at the home of her
mother Mrs. Chatterton of Ostrander
Washington, Friday night and
Saturday.

Work will begin very soon on the
rebuilding of the hall. The old hall
will be torn down and a one story
building will be built.

The Ladies club met at the home
of Mrs. Delina Satchel on Wednes-
day afternoon. The next meeting
will be held with Mrs. A. W. Steph-
ens.

Mr. and Mrs. Carl Vortman of
Pendleton and Miss Shirley Young
of Portland were guests at the home
of Mr. and Mrs. Louis Stark on
Monday.

Born to Mr. and Mrs. Calvin
Katterman March 21 a daughter,
Mrs. Katterman and baby returned
home from the Wilcox Memorial
hospital on Easter Sunday.

HUBER

Mr. and Mrs. J. W. Patterson and
family were recent dinner guests at
the home of Mr. and Mrs. W. F.
Fletcher of Portland.

Mr. and Mrs. William Merritt of
Portland were recent visitors at
the J. W. Patterson home, Mrs.
Merritt is Mr. Patterson's sister.

Mrs. Elizabeth Isbister of St. Hel-
ens was a recent visitor in Bea-
verton, attending a meeting of the
Eastern Star officers. She is an
aunt of Mrs. J. W. Patterson of
Huber.

Mr. and Mrs. F. W. Eppinger re-
cently returned from Honolulu, Ha-
waiian Islands, where they spent
the winter. Mr. Eppinger, a pio-
neer stockman of Baker, is J. W.
Patterson's uncle.

Oregon State News

The Standard Laundry of La
Grande has changed hands.

Extensive telephone improvements
have been made at Corvallis.

The John Day highway will be
opened between Condon and Fossil.

Two departments of Bee Hive De-
partment store have been remodeled.

The Unger Service Shop of Hood
River has installed modern equip-
ment.

Nine new bridges in Linn County
will be constructed on the 1929 pro-
gram.

The Congregational Church at Con-
don is being remodeled and en-
larged.

A survey will be made for the
proposed highway from Portland to
Eugene.

A new bus service between Astoria
and Seaside was recently estab-
lished.

The construction of a \$18,000 au-
tomobile building has been started
at Salem.

Montgomery Ward & Company has
opened a temporary store in Klamath
Falls.

A new seventh day church build-
ing was recently dedicated at Klamath
Falls.

McMinnville voted on a \$65,000
bond issue for the erection of two
school buildings.

Construction has been started on
the last link of the Klamath-Falls
lakeview highway.

The Pacific Power and Light Co.
will erect the power plant at the foot
of Wallowa lake.

Plans are underway for the con-
struction of a high class service
station at Forest Grove.

The Newberg city council opened
bids for pipe and fittings for a line
to be laid at Newberg.

Plans are announced for the con-
struction of three large apartment
houses in Klamath Falls.

The construction of a mill for the
St. Helens Pulp & Paper Co.
is fast nearing completion.

A contract has been awarded for
the erection of a concrete stadium
on LaCreole field at Dallas.

A contract has been awarded for
paving Railroad Avenue from Fifth
to Seventh streets, in Salem.

The California Oregon Power Co.
plans to build new transmission line
from Dixonville to Marshfield.

In the Fort Rock district of De-
schutes National Forest, 20,000
sheep will be grazed this summer.

Plans are underway for the erec-
tion of a \$48,600 Mt. Tabor Pres-
byterian parish house in Portland.

Two petitions for paving in the
north end of Coquille were presented
at the meeting of the city coun-
cil.

Portland Merchants Exchange has
organized a Portland Grain Ex-
change and a Portland Stock &
Bond Exchange.

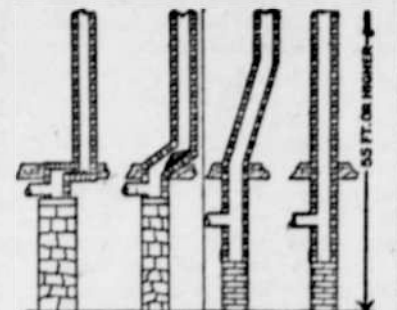
CROOKED FLUES CUT OFF HEATER'S OXYGEN SUPPLY

If the home owner considers the
great volume of air that must be
drawn through his heating plant in
order to burn the fuel efficiently and
economically, and if he realizes how
impossible it is for a poorly con-
structed flue to provide this draft, he
will see that there are no obstructing
offsets in his chimney, the Holland
Institute of Thermology of Holland,
Mich., points out.

It takes the oxygen in about 15
pounds, or 200 cubic feet, of air to con-
sume one pound of coal in combustion.
Many a six- or seven-room house re-
quires 100 pounds of coal a day to
keep it warm during the severest
weather, which means that some 20,
000 cubic feet of air must be drawn
into the heater by the action of the
flue.

Since this great volume of air is es-
sential to efficient burning of the fuel,
it is easy to see why the inside area
of the chimney must be at least 70
square inches for a heating plant of
ordinary size. Anything that reduces
this flue area, and anything that
creates friction between the chimney
gases and the sides of the flue, must
be avoided. Even the most modern
vapor-air heating plant cannot func-
tion properly without a good flue.

Turns, or "offsets," in flues are one
of the most common causes of defec-



Two Examples of Bad Offsets; One, of
Less Undesirable Slope. At the
Right, an Ideal Chimney.

tive draft because their real effect is
to reduce the effective flue area. Too
often, the flue is made smaller at the
turning. This cuts down its effective
area directly. And, even though this
may not be the case, a sharp offset in
a chimney causes soot to collect at the
turning point so as to obstruct the
passage of the air.

If you suspect that your chimney
isn't right in this respect, have a re-
liable heating company inspect your
chimney with the required engineer-
ing instruments. If you don't know a
company that will do this for you with-
out charge, write the Holland Institute
of Thermology at Holland, Mich., and
its engineers will send you a list of
such companies in your community.

CENTRAL CHIMNEY HELPS COMFORT, CUTS FIRE HAZARD

In Colonial days it was a custom to
build the chimney in the center of
the home so that it would give off
radiant heat to all the rooms surround-
ing it. The Holland Institute of
Thermology of Holland, Mich., states
that this still is good practice for the
same reason, but there are more im-
portant reasons why the chimney
should be enclosed rather than built as
part of an outside wall.

All building materials expand and
contract more or less when subjected
to changes of temperature.
Often a chimney that is part of an
outside wall is cracked by the differ-
ent expansion and contraction caused
by the cold outdoors air on one side of
it and the hot flue gases on the in-
side. These defects increase the
danger of fires, and interfere with
the draft so that the heating plant
takes up an excessive amount of
fuel and, even then, fails to keep the
home comfortable.

Many householders planning to build
new homes or remodel those they now
occupy assume it is necessary to put
expensive liners inside the chimneys.
If these flue-liners are made of gen-
uine fireclay instead of ordinary clay,
and if they are installed so that the
joints remain absolutely tight and
perfectly smooth, they may be worth
while.

But investigation of thousands of
chimney complaints has proved that too
often the liners are of ordinary
clay so that the intense heat of the
flue gases breaks them more readily
than it could break plain bricks, or they
are mortared together so poorly that their
joints develop air pockets or points of
friction.

Building experts agree that brick
is the best material for chimneys.
Where there are more flues than one
in the chimney, the best practice is
to separate them with a full continuous
course of bricks set edgewise.

Plans are underway to lease 1,000
acres of land for oil drilling pur-
poses in the vicinity of Central
Point.

The construction of a \$40,000 ad-
dition to the Commercial Creamery
Company's plant at Baker has been
completed.

The Shell Oil Company will erect
tanks on property recently pur-
chased near the W. V. S. tracks
at Molalla.

HIGH CHIMNEY AID TO HEATING, CURE FOR POOR DRAFTS

If the fire in your heater tends to
fall permanently asleep unless you
are continually prodding it, or if
when you open the heater door to add
fuel it puffs a cloud of smoke in your
face, don't be too sure that your
heating plant is at fault, warns the
Holland Institute of Thermology, of
Holland, Michigan. The trouble may
be in the chimney.

Chimneys are not only smoke and
gas-vents. They have another equally
important duty, to supply oxygen
to the fire. To supply enough oxygen
for complete combustion, the chimney



Downdraft—Chimney Too Low.
must be both big enough in dimen-
sion and tall enough.

Even in a one-story home, the flue
should not be less than 26 feet high,
measured from the level of the heat-
ing plant grate to the top of the chim-
ney. Thirty feet is a safer minimum.
The chimney of a two-story house
should be at least 35 feet high.

A flue should extend at least six
feet above a flat roof and two feet
above the ridge of a hipped or gable
roof.

If these rules are not observed, ac-
cording to the Holland Institute of
Thermology, downdraft will occur.
Downdraft smothers the fire. It cre-
ates a back-pressure in the firebox
which causes clouds of smoke and
gas to blow into the basement when
the firing door is opened. It may even
cause an explosion. So a chimney
that is too low is a defect in the
heating system which not even the



Chimney With Good Draft.
most modern vapor-air, warm air cir-
culating plant can overcome.

Poor draft can be tested accurately
with scientific instruments. Any re-
liable heating company should be able
and willing to do this. If you know
none that will give you this service,
write the Holland Institute of Thermo-
logy, which will give you names of
concerns in your city that will render
this scientific testing service without
charge.

Clean Furnace Saves Coal

According to the Holland Institute
of Thermology of Holland, Mich., an
eighth of an inch of soot in the fire-
ways and pipes of a heating plant de-
creases its efficiency 28 per cent, and a
quarter-inch reduces efficiency 48
per cent. These facts are known as a
result of tests conducted by the U. S.
bureau of standards, and show why
thorough cleaning of the heating sys-
tem by the suction cleaner method re-
sults in an appreciable saving in the
fuel-bill each winter.

THE DEAD HAND

"Government operation of busi-
ness lacks imagination and origi-
nality. It never creates anything—
except jobs. It is a dead hand on
initiative."

So reads a paragraph by Merle
Thorpe, quoted in the Publishers'
Auxiliary. Local publishers and
printers can also testify that the
government in the envelope print-
ing business for half a century has
proved them of millions of dollars
worth of work which would have
materially helped them to better
serve their communities.

This sort of competition on the
part of the government is utterly
indefensible, particularly for the
reason that by doing this work at
less than cost the deficit must be
made up by the tax payers, includ-
ing the printers whose business is
injured by this practice.

CHURCH ANNOUNCEMENTS



BETHEL CHURCH

All who love the Lord Jesus
Christ are cordially invited to at-
tend our morning worship April 7,
when we shall observe our quar-
terly communion service at 11, by
the clock. The communion message
will be, "Remember Jesus Christ."
The Sunday School meets at 9:45
with classes and a welcome for every
one.

Literature Students

Improve at U. of O.

UNIVERSITY OF OREGON, Ea-
gene.—The judgment and taste for good
literature shown by University of Ore-
gon students improve markedly during
the four years here, it is declared by
Pat Morrisette, instructor in English,
who has just completed a series of ex-
perimental examinations. A group of
five sonnets, evaluated by leading crit-
ics of America, was used.

Nearly every freshman picked a
poem classed as trite and usual. Second
year students put in second place the
one held to be mediocre. Juniors were
much more accurate, but showed a ten-
dency to rate everything alike. The
senior report, however, was all that
could be hoped for, says Morrisette.
"There was no confusion of good and
bad, no toleration of the hackneyed or
trite. Judgment of seniors is accurate
and strong."

Other data on progress made by stu-
dents of English will be given out later
by Morrisette, who is completing a re-
search problem in this field.

U. O. MAN IS AUTHOR
UNIVERSITY OF OREGON, Ea-
gene.—Famous Germans of Recent
Times," a book by Dr. F. G. G. Schmidt,
head of the Germanic language depart-
ment of the University of Oregon, is to
be published this spring by Alfred
Knopf, publisher of New York. Fifteen
famous Germans, each representing a
different field, will be included.

The best way to find your missing
kinsfolk is to get rich.

Some neighbors will borrow every
thing, including trouble.

one. The Minister will give a special
lecture on Sunday evening at the
7:30 service which will be illustrated
by the stereopticon lantern slides
of foreign lands and scenes. Plan
to attend this informal Pleasant
Sunday Evening Service if you have
no church home in Beaverton.

Church of Christ

Announcements for April 7, 1929.
The Bible school meets at 9:45.
Our superintendent asks for an ef-
fort to break the record in attend-
ance a week from this Sunday. A
good start can be made this Sunday.

Morning sermon, "Christ's appoint-
ments with Men."
Christian Endeavor at 7:00. All
young people's meeting.

The evening sermon will be on,
"The Final Judgement from a Le-
gal Standpoint." This will be in-
teresting. A double young people's
choir. A special musical number by
the young people.

Eighty people attended the usual
evangelistic service last Sunday eve.
Be one of them this Sunday.
—Oscar A. C. Cooper, Pastor

Kinton Church

Services for Sunday at the Kin-
ton church are as follows: Bible
school at 10 o'clock in the morning
and preaching by the pastor, Rev.
W. L. Strange at 11