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## "LAB" CHECKS QUALITY OF LINDEMAN PRODUCTS

### Precision Tests Aid Iron and Steel Founders to Turn Out Parts of Maximum Strength — Delicate Equipment Used.

Because Lindeman is building machines for some of the country's famous names, and at the same time competing with others of national reputation, we have the foundry laboratory, or "lab."

The two-way plows must meet Ford-Ferguson standards. The tractors must meet John-Deere standards. Further every other Lindeman-made product has to go into markets of the world against the best that can be made. Nowadays, the big fellows don't rely on guess work. They apply every scientific test to know that every part of a machine will do its job, with plenty to spare. The only way Lindeman can keep up is to use the same kind of tests. The foundry lab is one of our safeguards of Lindeman quality.

#### Dissolve Out Metals

At the left you see the Dietert carbon determinator. Back of it, the combination thermometer-barometer—for every test must be calculated as if made at a fixed air temperature and atmospheric pressure. Beyond that, the tiny electric furnace, in which residues are burned out in fragile platinum retorts.

About to place a retort in the fur-

nace is Mrs. Mary Jane Omelina, laboratory assistant.

#### Weight A Wink?

At the right "Es" Casebolt, laboratory technician, figures results of a test. Before him is the delicate balance, which weighs to 1/10th of a milligram. An eyelash tilts this scale like a rock. On this scale Casebolt weighs the actual Carbon and Silicon content of a test bar of cast steel, poured from the first heat of a charge. He can then tell the foundryman whether more carbon is needed, and how much to add.

This brief story just gives you a hint of the complicated tests in the laboratory. It would take books to tell all about it. "Es" has read the books, but we wouldn't understand them. Main thing is, the lab helps keep up Lindeman quality.

Teacher: "Johnny, if I lay four eggs on this end of the table and four on the other end, how many will I have?"

Johnny: "I don't think you can do it."

### FOUNDRY GETS MOST OF NEW MEN

One former foundry man and six new ones have gone to work since the last issue of NEWS CAST. Raymond Michel is a molder, J. W. Miller, Henry McGill, Clarence Oliver, Elmer Woods, Sanford Barnes and Clarence Wolverton molder's helpers. Wolverton worked here previously. New grinders are Sid Stockman, Claude Thomas, and Floyd Jackson.

Mary Jane Omelina, is now assistant in the foundry laboratory. Frank McIntosh, who formerly worked here, is office janitor. Another former Lindeman man, Robert Collingwood, is back as mechanic. Victor Vogt, machinist, Joseph MacDonald, mechanic's helper, Frank Jeffrey, tinsmith, and William B. Parchem, draftsman in engineering, completes the list to date.

### ARMY TAKES TWO MORE

Sherman Davis, janitor, and Kenneth Cordle, foundry, are the latest Lindeman men to be called up for service. Several others have been notified for their physical examinations.

Boss, "How did you happen to oversleep this morning?"

Office boy: "There were eight of us in the house and the alarm was set for seven."



# NEWS CAST

MAY 1945

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## EDITORIAL STAFF

Photographers..... Bob England  
 Johnny Emhoff  
 Cartoonist..... Bert DeGooyer

## REPORTERS

C. I. Foundry..... Ray Smith  
 Core Room..... Milton Skrove  
 Foundry Lab..... Daisy Foster  
 Pattern Shop..... Galen Sutton  
 C. S. Foundry..... Joe Normandin  
 Foundry Office..... Lloyd Rivard  
 Cleaning Room..... Tom Gallagher  
 Machine Shop (nights)..... John Green  
 Welding..... Herschel Burke  
 Engineering..... Martin Smith  
 Tractor..... Ray Jordan  
 Stock Room..... Ray Alexander  
 Hop Picker..... Fred Robinson  
 Machine Shop..... Jim Catlin  
 Office..... Nellie Holder

## NO "V. E." AT LINDEMAN

Every single man in the armed services has potentially mortgaged his life for our continued freedom (and we hope the freedom of the world.) That is why we did not celebrate "V. E." day at Lindeman. Small consolation, perhaps, to those who are still risking their lives, but all ballyhoo to the contrary most of us, who, for one reason or another, remain at home in comparative safety, soberly realize this. J.M.G.

A task without a vision is drudgery.  
 A vision without a task is a dream.  
 But a task with a vision is ecstasy.

## OUR MEN IN SERVICE

Raymond Coupal, who left Lindeman to enlist in the navy, recently visited here while on leave, with 26 more pounds of weight, which he says is all dynamite. Claims life is so dull and easy he intends to sign up for overseas duty when he returns to base.

## ROLLER WOUNDED

Albert Roller, former steel foundry molder, has been reported wounded in action in the Philippines. He has been in service for a year and a half. He is in the infantry.

## GUNNOE GETS BULLET

Paul Gunnoe received a slug in his right ankle and is in a hospital in France, he informed his wife at Wapato in a letter received recently. Paul has been with the 3rd Army and had been overseas since January.

Pvt. John Barnes of the Marines, formerly in the cast iron foundry, visited the plant on May 5. Barnes was wounded at Iwo Jima, and is receiving treatment at the naval hospital in Seattle.

## PHIL KOKEN TO LEAVE

Phil Koken, former draftsman in engineering, recently visited the plant while on 21-day furlough from duty as Staff Sergeant, waist gunner on the B-17, after making 35 missions with the Fortress crew over enemy territory.

Most glamorous adventure Phil regrets, was the occasion when their ship damaged by flak forced them to bail out. They landed in Belgian territory, and Phil right in a Belgian farm yard, to be greeted by a Belgian girl.

In England, Phil got to see much of London, which he found fascinating by comparison with American cities. He may be assigned to instruction duties or some other capacity in this country.

## BROWN LOOKS AHEAD

Sgt. Leland Brown, with a bomber command in China, writes to Joe Lindeman that he hopes to return to Lindeman after the war is over and enter engineering department. Brown tells of receiving a copy of the Yakima Republic with an article about the plant and Jess Lindeman's statement that the company expected to make farm machinery. Brown has been in the service for two years, since leaving Lindeman.

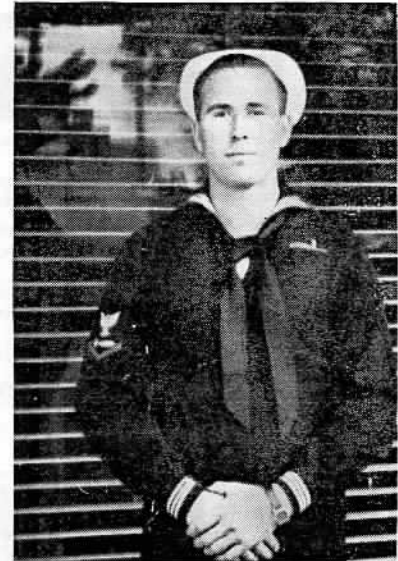
## RAY GASKIN JR. VISITS



Ray Gaskin Jr. visited his friends in the plant while on 24-day leave from duties as Seaman 1c, Combat Intelligence, Navy Radar. Ray's outfit was supporting many Pacific engagements, including the Marianas, Philippine campaign, Iwo Jima, Okinawa, and three strikes on Tokyo. Ray has been in the service 16 months of which 13 were overseas. He expects to be returned to active duty.

Opportunity is simply an opportunity for you to prove that you are able to handle one.

## RALPH SALLEE



Ralph A. Sallee, TMV5c, in the Navy spent a five day furlough at home and visited Lindeman, where he worked for two and a half years as machinist. Ralph has been in service for seven months, has been through Class A torpedo school at San Diego, advanced torpedo school and recently in machinist's school. He reports to Shoemaker, Cal. for assignment.

## MEMORIAL FOR PARISH

Announcement has been made that Selah High School students who were friends of Lt. Glen Parish, are designating their contribution to Yakima Valley Memorial Hospital in his name.

More details of the manner of Lt. Parish's death in action over enemy territory says that his plane was strafing—the explosion of an ammunition dump produced such a terrific blast that their plane went out of control and crashed from an altitude of about 2,000 feet. There was no opportunity to bail out. Lt. Parish was awarded the Air Medal and two oak leaf clusters for meritorious achievement.

## McNEIL IS REMINDED

Pvt. Edmond R. McNeil, known around Lindeman as "Big Ed", writes to Joe Lindeman that the water down at Camp Roberts where he is training for heavy weapons operation, tastes just like the dipping plant in the galvanizing plant smells. Ten mile hikes in mild 110 degree weather is a recent experience, but, says Big Ed, "they really mean to make soldiers of us, or else."

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**"KEEP'EM FLYING!"**

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## BUSINESS LEADERS MARVEL AT LINDEMAN OPERATIONS

More Than 100 Yakima Rotary Club Members Eat Lunch In New Shop. Are Guided on Inspection Tour of Entire Plant.

More than 100 members of the Yakima Rotary Club, representing leading business concerns of every kind in Yakima and vicinity, were guests of the company at lunch on Thursday, May 24, and were then taken on a tour of the plant while work went on as usual.

Curtis Edwards "engineered" the affair, starting with box lunches at the counter in the engineering office. Lunches were eaten on plank tables set up in the experimental room, with plenty of coffee.

Edwards introduced Paul Austin, general manager, and Jess Lindeman, who told the Rotarians how the Lindeman business started and some of the troubles it had making the grade during the depression. He then showed, using parts of the beet planter, what a long and difficult job it is to develop a new machine, make it work, and manufacture it so all parts, some of them fitting to .0001 inch, are interchangeable.

Lindeman guides then took the entire club in groups of about 10 through each operation, describing as they went. Doing the guiding were Dan Lenington, Rob Krehbiel, Ery Higley, Paul Austin, Curtis Edwards, Bill Parchem, Lyne Fisher, R. K. Arnett and Ross Lindeman.

Some of the boys were hoarse afterward from shouting over the noise of machinery. But they figured it was worth it when they heard the constant exclamations of surprise at how big the plant had grown, and how well organized the operations seemed to them.

Other tours are scheduled to be made by other clubs in the near future.

### "GOLDBERG" STUFF STEPS UP GEAR PRODUCTION

Some of the novel gadgets that Art Guderian has worked out in operating the universal grinder and the two gear cutters in the shop have a distinct "Rube Goldberg" touch. But, surprisingly, they work and are stepping up production. Art has a shop at home and some of his ideas are worked out there.

Since the stock room hi-jacked the sunny side of the shop the boys on the machines have a new theme song, "Don't Fence Me In."

### THORP TO HOSPITAL

Ben Thorp was taken to the hospital week before last for attention to a serious throat ailment. All join in hoping for his speedy recovery.

### RETURNS TO WORK

Maurice Hanify returned to his book work in the stock room Monday, May 14, after a spell of sickness. He says he simply had to get back, or he would have got into a fixed habit of just sitting around taking life easy.

### SCHANZ AND GOODE TAME TWO-HEAD MILL

George Schantz and Otis Goode faced a discouraging prospect when they tackled the two head mill. When it came into the shop it looked so much like a refugee from a scrap pile it's lucky it wasn't delivered at the foundry. But the boys now have it running, and it cuts in half the time for machining castings requiring parallel surfaces. Most of the time John Schuck, the operator, can also run the rigid mill.

### "COULD BE"

Machine shop figures Engineering put one over on them when it got Paul Horscel and Pat Kirwan from tractor, to do experimental work.

### BURKE BACK AT JOB

Herschel Burke, after taking his induction examination, reports he has a bad heart, as the army looks at it, so he is back in the old place.

### AMBROSE TO HOSPITAL

Al Ambrose, who doubles as engineering assistant and advertising manager went to St. Elizabeth's hospital May 20 to have a repair job done which was a little beyond the capacity of the Lindeman shops—good as they are. He is reported making a quick recovery and will not be too long out of circulation.

### RAY SMITH TO WOODS

Ray Smith, cast iron foundry moulder, is now working in the U. S. Forest Service, having to get out of doors for his health. He hopes to return to Lindeman in the fall.

The housewife barged into the grocery store and asked: "Remember that cheese you sold me yesterday?"

The grocer said, "Yes, madam."

The housewife continued, "Did you say it was imported or deported from Switzerland?"

## Rotarians See Lindeman Plant







Speaking of "ifs" we wonder what would happen to the swing shift in the steel foundry if:

Gene Donaldson didn't have some half haywire piece of machinery to watch.

Adrian (Swede) Olson ran out of smutty stories.

Kenny Roberts got in a hurry.

Alfred Frueh didn't have to take someone's place on the furnace.

Adam Jundt didn't have to hunt for his seat.

The day shift didn't do something every day that the swing shift could cuss about at night!

Iver (Jerry) Iverson is back at the old grindstone after an extended business trip to Montana.

#### LINDEMAN TO SPONSOR JR. BASEBALL TEAM

Lindeman will sponsor the Union Gap team in the junior league promoted by the Yakima Junior Chamber of Commerce this summer. All the boys are under 18, and the team is being managed by Ernie Springer and Carl Folkerson, Union Gap men who like to work with the boys.

Games will be played either at the former Parker Field, or at Washington Jr. High field. Watch the daily papers sports columns for dates, and turn out and give the boys some good rooting for Lindeman.

#### WORK YOUR WAY UP ON THIS!

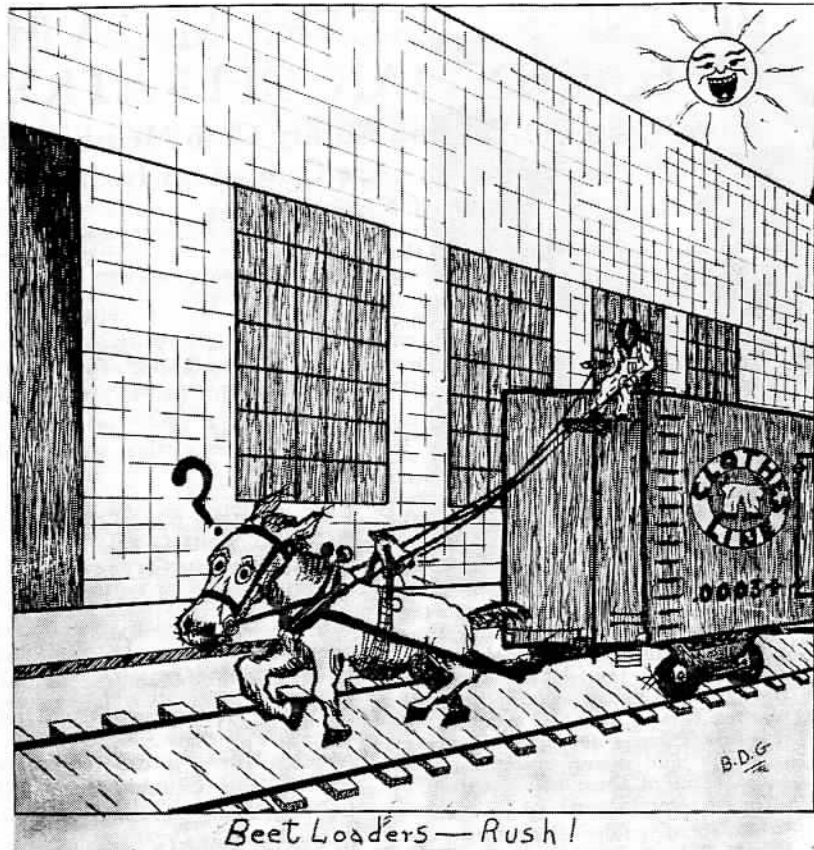
There's going to be a "fish ladder," according to Joe Lindeman. There will be prizes for the final season's best catch of small mouth bass, large mouth bass, rainbow trout, and steelhead, the prizes to be announced later. Watch for the ladder, which will be posted where everyone can see it and watch the contest.

Only thing worrying Joe now is how to handle the "mike" part—measuring the fish—and taking care of them.

#### THESE FISHERMEN!

Alex Breitgham let Shorty Jones and Johnnie Emhoff show him how to catch silvers from a raft at Rimrock lake. He brought back five, but when really pinned down admitted three was actually his limit. Maybe Shorty and Johnny had a can around your bait, Alex.

Sandy McNab has been going with a girl these past five years, who has a wart on the back of one of her fingers. Any day, now, Sandy might be painting a ring around it.



Beet Loaders—Rush!

#### NEEDS GLASSES, MAYBE?

Lou Rogers, in the machine shop tool crib, wonders how a person who can read a "mike" still can't read a "Keep Out" sign.

#### CARL LEASE REPORTS

Carl Lease, former machinist and now in the Pacific, writes that he saw all sorts of Lindeman products in use on the ship that carried him across the big drink.

Fred Greenough bought a new cap, and it changed his looks so much that for a full shift everyone took him to be a new man on the job, believe it or not! Ask the boys on the machine shop swing shift.

#### SWING SHIFT LUNCH

Don Slack: "Turn that radio down. It makes so much noise I can't tell whether I am eating or not."

Jim Gray is back with us again after a week's illness.

#### THE TRACTOR LINE

Ray Gordon has been ill at home, and the boys wish him speedy recovery.

Oric Durland has had a misery in his back and claims it is due to overwork. The gang are skeptical.

Frank Sanders returned last week from a trip to Oregon for the purpose he says of working on some tractors. We have our own ideas.

Cartoonist Bert DeGooyer wasn't dreaming when he pictured a whole carload of beet loaders! Except maybe the car mover. Below is how the carload actually looked—the Lindeman "mule" refused to have its picture taken.



A bored cat and an interested cat were watching a tennis game.

"You seem very interested in tennis," said the bored cat.

"It's not that," said the interested cat, "but my old man's in the racket."

There's one awful rumpus when good horse sense gets harnessed up to some jackass proposition.

Grandpa had his first taste of water the other day. He fell into a well.

Right where one man fails, another man succeeds. Right where the inactive lazy, indifferent salesman said it couldn't be done, the wide-awake salesman went ahead and did it.

Opportunity looks like work, it acts like work—it is work and nothing else.