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Mason-Walsh-Atkinson-Kier Co.

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M. W. A. K.

COLUMBIAN

**SAFETY
DEPARTMENT**

**MASON-WALSH-ATKINSON-KIER CO.
BUILDERS OF COULEE DAM**

**MASON CITY
WASHINGTON**

Vol. 1 No. 16

M. Pete Shrauger---Editor
Safety Engineer

October 11, 1935

CONCRETE--THE FIRST BLOCK

The incessant clanging of pile driving behind the cofferdam will cease probably within a week to end the first step in the construction work paving the way for the third important dam in the Grand Coulee region.

Dam No. 3 will be more than one to cut out the Columbia river--

It will be the first concrete in the base for the Grand Coulee dam.

That block will have the final dimensions in feet of 500x50x120. The Coulee Trading company's huge store could house but one-third the concrete in the completed block. Present dimensions reach a height of 65 feet.

The first pouring cannot be made before November the 15th.

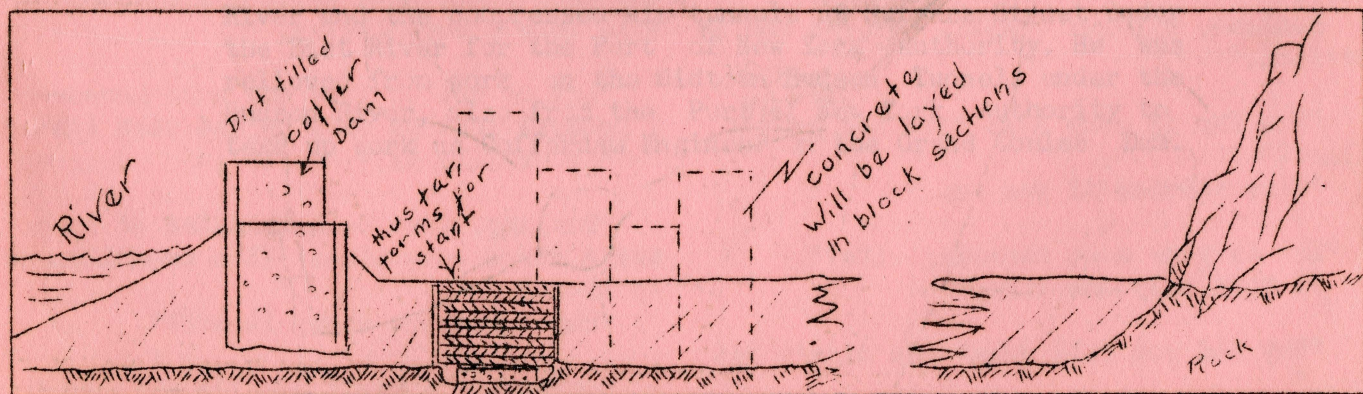
Two special electric shovels, adapted for close work, are to continue pit work.

Equipped with booms of only 12 feet and dippers of eight, each can excavate 1,200 cubic yards daily. Working continuously at peak capacity, at least two weeks would be necessary for them to remove the 40,000 yards from the pit. The pit is 23 feet from the bedrock level of 87. Excavation time depends upon the ability of workmen to keep the 2,000,000 feet of timbering up with the peak of excavating.

Coincident with the excavation, timbering proceeds downward with 12x12 beams every five feet across the 70-foot pit. Conversely, concrete will rise in five feet sections in 50-foot squares.

Regular concrete forms are being experimented with in the yards near the National Reemployment Service office. The final forms will be constructed, transported to the pit and placed.

(Continued on Page 5)





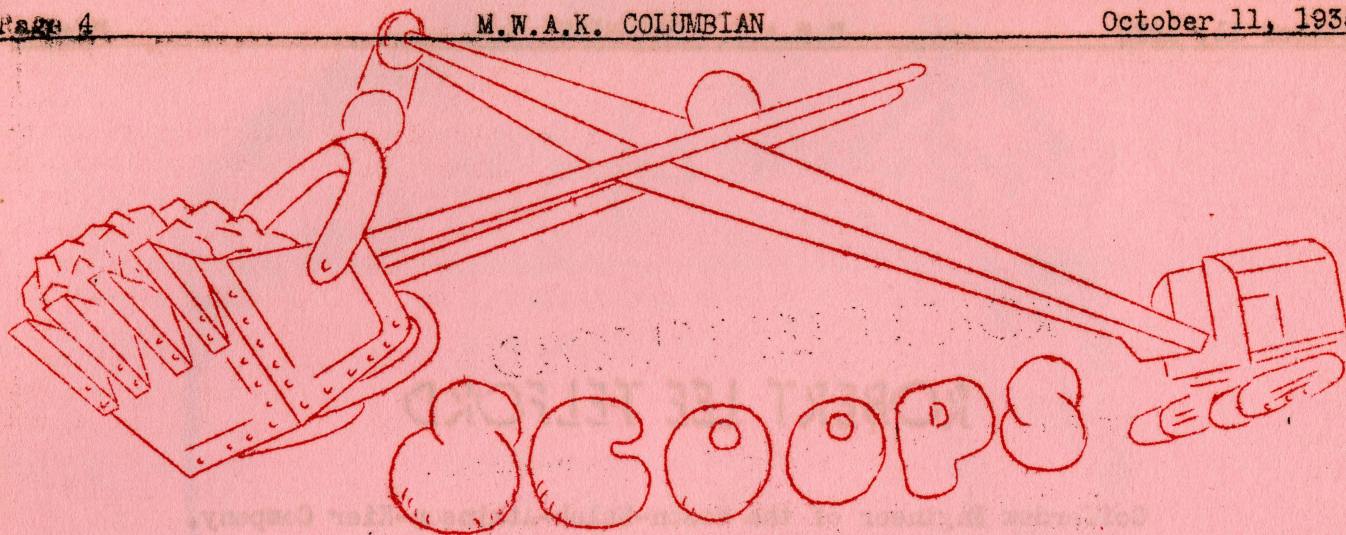
ROBERT LEE TELFORD

Cofferdam Engineer of the Mason-Walsh-Atkinson-Kier Company.

R. L. Telford was born in Lewisburg, West Virginia, the eldest son of Dr. R. L. Telford, a Presbyterian minister. He attended Greenbrier Military academy at Lewisburg until at the age of fifteen when his family moved to Richmond, Kentucky. Soon thereafter he entered Washington & Lee University at Lexington, Virginia.

He has worked for the Mason and Hanger Company and Silas Mason Company almost continuously for the past nineteen years (starting with them during vacations when he was in college) with the exception of a two year period from 1923 to 1925 when he was employed by the Louisville & Nashville Railroad Company as Assistant Resident Engineer on double tracking the main line through the State of Kentucky which constituted the enlargement of quite a number of tunnels, grade work, and bridge construction on the Kentucky and Cumberland rivers. He was also in the U. S. Army for three months in 1918.

Among the most recent construction jobs with which he has been associated was Section 8, Route 103 of the 8th Avenue Independent Subway System in New York City on which he was Resident Engineer; he was Resident Engineer also on the New Jersey Foundations for the George Washington Bridge. This work was followed consecutively by the compressed air tunnels for the same subway system at Fulton Street under the East River and the compressed air tunnels at Rutgers Street under the East River for the Port of New York Authority. He was relieved from work on the Midtown Hudson Tunnels under the Hudson River, also from the Port of New York Authority to take up work as Cofferdam Engineer on the Grand Coulee Dam.



Lumper: "What do you repair these shoes with?"

Cobbler: (Looking up sharply) "Hide!"

Lumper: "Why should I hide?"

Cobbler: "Hide, hide! The cow's outside."

Lumper: "Let her in--I'm not scared."

What could Cleopatra have done with one of the new nose shapeners?

Shovel runner, a little damp: "I know the fish would bite to-day."

Boss: "Stay here and you're safe."

Jill: "Back in the city again? I thought you were a rigger."

Jack: "You made the same mistake I did."

SAFETY BROKE RECORDS BUT NO NECKS

Wife, wildly: "You're lazy and you're shiftless, you're worthless and you're ill-tempered, and you're an unmitigated liar."

Husband, mildly: "Well, Pet, no man is perfect."

"How far is your home from the gravel plant?"

"Five minutes if you run."

"How is your most charming wife?"

"I have only one wife."

"Why did you fall down? He didn't hit you."

"No, but I read his thoughts."

BE A LIFE SAVER
TEACH OTHERS TO BE CAREFUL

Certain salesman: "These stockings have the very latest pattern, fast color, holeproof, won't shrink, priced lower than elsewhere, and a very good yarn."

She: "Yes, and you tell it well."

If I had my life to live over again, I'd get married before I had sense enough not to.

Boss: "Don't you find this office staff just one big family?"

New MWAK steno: "No, everybody's been pretty friendly so far."

Most automobile accidents are caused by loose nuts, especially behind the wheel.

"I saw a horrible murder picture in a movie last night, and I've felt creepy ever since."

"Why don't you report the place to the board of health?"

Times have been rather tough since the year 1928. Even artists's models make only a bare living.

"Let me bet on just one more horse--- I promise that it will be the very last."
"It usually is."

"Darling, I've been thinking of something for a long time. It's trembling on my lips."

"Why don't you shave it off?"

Customer: "Satisfied? I'm very much satisfied. I've nothing but plenty of praise for you."

Garage man: "Then there's no use to send you a bill again."

CONCRETE--FIRST BLOCK

(Continued from page 1)

The 50-foot width of the concrete is made possible in the 70-foot pit by the insertion of the proposed additional forms on the cofferdam and west sides, of five feet and of 15.

The use of the trestle and diesel cars for carrying concrete is impossible for first pouring. The trestle will not be completed in time. Instead trucks--the number as yet undetermined--will carry 4-yard buckets of concrete from the mix to the pit. A whirley, beginning at the north end of the pit, will continue along the whole front dumping the buckets from the trucks. Concrete will be poured up to the first cross timbering. After the concrete sets a specified number of days, the first timbering will be removed and the procedure repeated in successive stages upward.

Before the first block is completed, other blocks toward the abutment will be forming.

When concrete is poured about two-thirds of the way up the first block, timbering will continue to level 1000, 10 feet above the top of the cofferdam. This is considered necessary because when the Columbia river is diverted over the west area it will return through a "goose-neck" channel only 500 feet wide. The narrow exit would force the river to a higher mark than usual.

From the first block to the abutment the heights of adjacent blocks will alternate regularly from 950 to 910 for the first eight and will then continue at level 990 as part of the west power house.

By December of next year sufficient concrete will probably be poured to permit the removal of the 400,000 cubic yards of overburden lying against the west side of the timbered pit. At the present time the material is a buttress for the pit work. Later, when the first block is up and can take the place of the cofferdam, the cofferdam and overburden protecting-

ly resting against it along the west side will be removed for the cross-the-stream closures.

At one time consideration was given to pouring concrete close up to the cofferdam and to pour it in two sections. But because doubt existed as to the feasibility of such construction, those plans were changed, for it was impossible to drive the cofferdam to bedrock. The allowance of additional earth space now serves as a protective barrier and the celebrated days of concrete pouring surely will go on unimpeded.

--oOo--

MANY A MOUNTAIN GOAT HAS PICKED
HIS WAY ALONG A JAGGED CLIFF WITH-
OUT INJURY, BUT NO MAN IS A MOUNTAIN
GOAT

--oOo--


LONE PUMP HANDLES SEEPAGE

A large 8-inch pump became the most important pump in the west excavation area last week when it replaced two 3-inch pumps at the major seepage point of the cofferdam.

The pump, sixth from the downstream side, is shooting water back into the Columbia river at the rate of 500 gallons a minute for 24 hours a day. A 3-blade pump, it is capable of 1,100 gallons peak capacity. When but one of the two small pumps had been used, water in the well rose rapidly. The one large pump is adequate.

--oOo--

WASHINGTON HOSPITAL ASSOCIATION

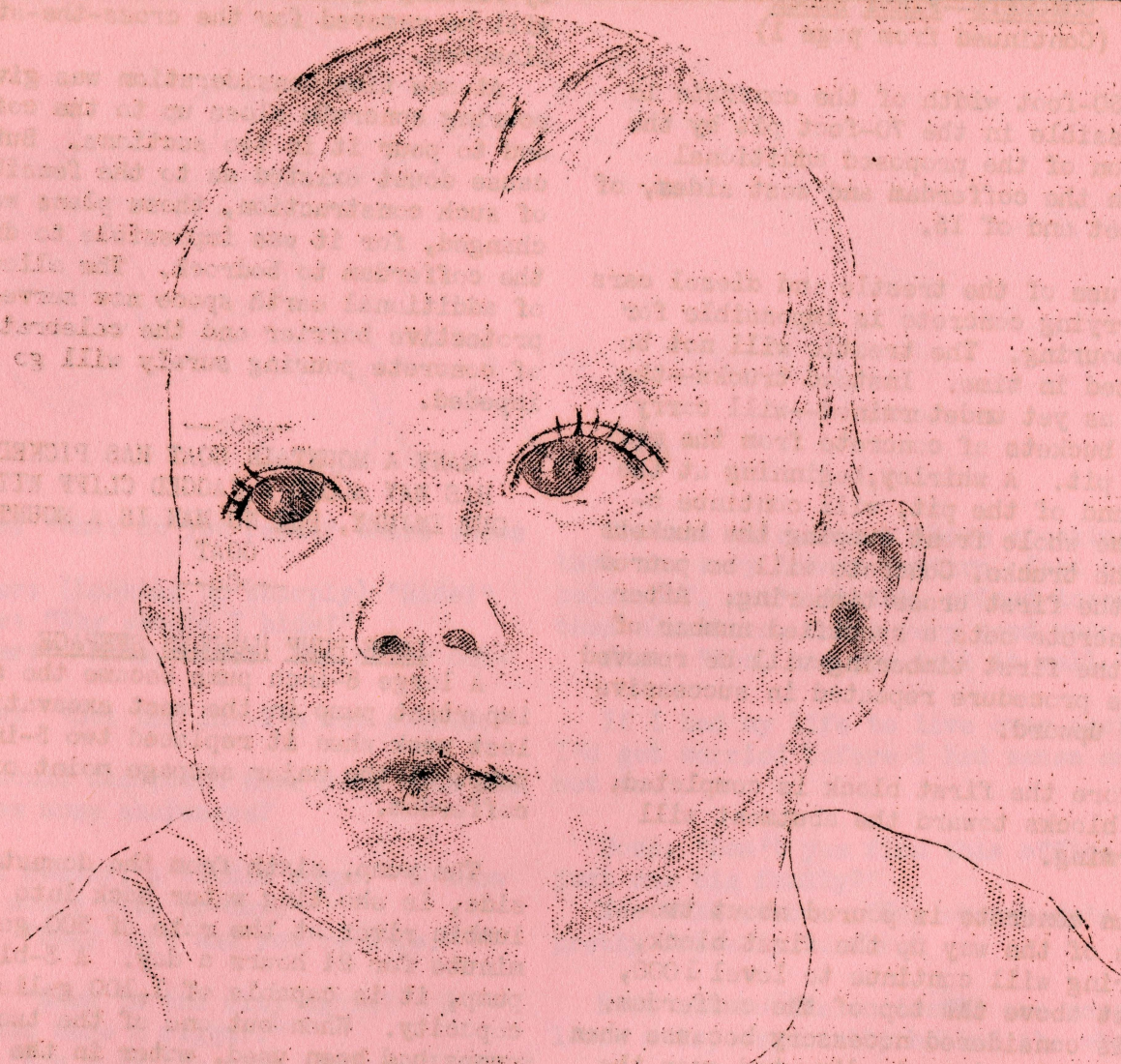


Special for next week
12 oz. Vitamin Cod Liver
Oil....Regular 75¢ value
for 59¢.....

A full line of sick room
supplies at reasonable
prices.....

Prescriptions carefully
compounded.....

SUNDRIES



FATHERLESS
BECAUSE HIS FATHER TOOK A
CHANCE


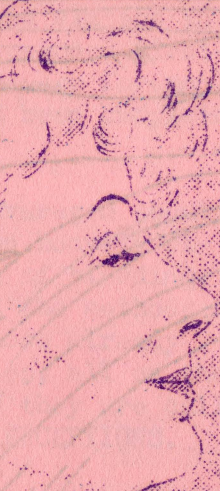

SAFETY NEVER LOST!

LIPMAN

10-10-35



MASON CITY THEATRE

<p>SHE GETS HER MAN</p>  <p>ZASU PITTS AS THE "G" WOMAN</p>	 <p>GRET</p> <p>GARBO</p> <p>FREDRIC</p> <p>MARCH</p> <p>ANNA KARENINA</p>	 <p>EDMUND LOWE</p> <p>KING SOLOMON</p> <p>BROADWAY</p>
— FRI & SAT —	— SUN MON TUES —	— WED THUS —

THE WEEK AT THE THEATRE

Melancholy Zasu Pitts turns secret agent at the Mason City theatre Friday and Saturday in "She Gets Her Man." As the G. woman stumbles after her prey, the picture becomes one of her most hilarious farces. She has adequate support in Helen Twelvetrees and Lucien Littlefield.

G A R B O

in "Anna Karenina," Sunday, Monday and Tuesday, is the beautiful wife of a neglectful government official. She meets Vronsky, played by Fredric March, and their lives become fatefully joined. The story of their over-powering love is poignant as it reaches deep into the heart. "Anna Karenina" is from Tolstoi's novel of the name, one of the greatest of all literary works.

Promise of real entertainment lies in the listing of "King Solomon of Broadway" next Wednesday and Thursday. Dashing Edmund Lowe carries the lead in the tuneful picture, from which many song hits have been taken for other productions. Included are "That's What You Think," "Flower in My Lapel," "Moanin' in the Moonlight" and "La Cabanna."

—oOo—

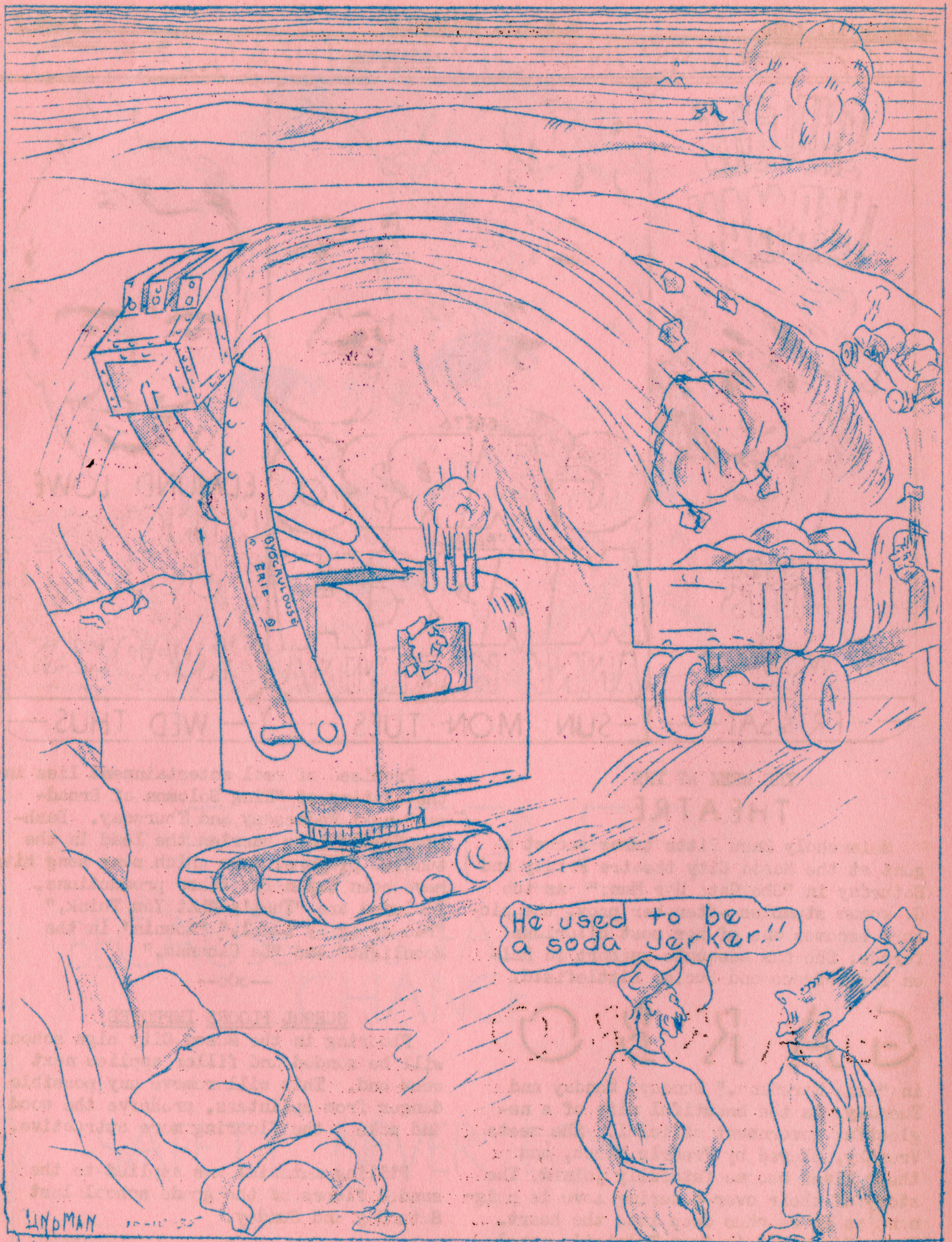
SCHOOL FLOORS IMPROVED

Flooring in the Mason City high school will be sanded and filler applied next week-end. This will remove any possible danger from splinters, preserve the wood and make the flooring more attractive.

Filling material was applied to the sanded floors of the grade school last Saturday and Sunday.

—oOo—

SLIVERS OFTEN BREED INFECTION!



FIRST AID CLASSES BRING RESULTS

More than 800 workmen by last week had completed the daily First Aid classes in the mess hall and had been awarded first-aid certificates. Over 500 were foremen. All classes for foremen had been completed before Sept. 1st.

Regular attendance has averaged about 65 daily. Attention has been heavily directed toward the treatment of bleeding, the care of the injured and the methods of respiration. Except for those already having first-aid certificates, all on the job will take the course as they are called. There will be NO OTHER EXCEPTIONS.

Direct evidence has shown the value of first-aid knowledge by workmen on the job. This is especially true in their application of splints.

The appeal and realization of the value of the classes has reached outside the area. The representative of a power company expressed the desire to bring employees to attend classes from various towns. A truck load of CCC boys are expected to visit classes any time.

---oOo---

RECORD BORING SPEED

Mason & Hanger Co. of New York recently set a mark in the Midtown Hudson tunnel between New York City and the New Jersey shore when they advanced 47.5 feet in a single day. The best record for a month was 1,642.5 feet.

They reached the Manhattan bulkhead August 2, four months ahead of schedule.

DINERS SET HIGHEST MARK

The largest number of diners ever to be at the Company mess hall for a noon meal was recorded for last Sunday.

Meal checks listed 1,029. Visitors numbered 550 and all but 41 were cash visitors.

Sunday had the largest number of visitors for any single meal back to March 13, seven months ago when exactly the same number of 1,029 was recorded for breakfast.

No larger total exists for any meal except for that period from Feb. 20 to March 14, during the height of cofferdam activity.

The record for a single meal was the breakfast of Feb. 28 with 1,285 checked. But 20 were visitors. When 642 cash visitors for May 5 were listed, the record was set. Last Sunday placed second.

---oOo---

HANDCUFFS AND A RING

A wedding ring, a 36-inch wagon, handcuffs and jail bars-----

That is the brief history of Mr. and Mrs. Richard C. Hauser for last Sunday.

They were booked as "Nos. 17817 and 17818" and were charged with "matrimony" after having been forced to ride to the police station in a small wagon. After promises of "Never again," they were released to the local funeral home where Mr. Hauser is mortician. Mrs. Hauser is the former Miss Ethel Hollenbeck of Yakima.

---oOo---

ALL YOU CAN EAT FOR--- 50¢

MESS HALL

CHICKEN BROTH with RICE CELERY & NOODLES
CHICKEN FRICASSEE with EGG NOODLES
MASHED POTATOES, CANDIED SWEET SPUDS, SAUTED PEAS
RASPBERRY JELLO with CREAM, PINEAPPLE CREAM, PIE

COFFEE MILK

SUNDAY OCT 13, 1935

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CATHOLIC CHURCH--Father A. Farrelly,
pastor.

Mass will be said Sunday, Oct. 13, in the American Legion hall, Coulee Center, at 9 a.m. and in St. Benedict's church, Mason City, at 11 a.m. Confessions will be heard in Coulee Center from 8:30 until 9 o'clock Sunday morning. Instructions for children will be given on Saturdays at 10 a.m.

COMMUNITY CHURCH--The Rev. Albert N. Park, Jr., pastor.

Services for Sunday, Oct. 13:

9:45 Sunday School. Lesson subject: "The Story of Jeremiah."

11.00 a.m. Morning worship. Sermon subject: "We Get a Second Chance."

7:00 p.m. Young People's Society Christian Endeavor. A group from Wenatchee will demonstrate a model meeting.

8:00 p.m. Evening song service.

---oOo---

A meeting of the congregation of the Community church last Sunday resulted in a vote not to accept the resignation of the pastor, the Rev. Albert N. Park, Jr. The pastor will abide by the vote.

Father A. Farrelly, pastor of the Catholic church, left Tuesday to attend the

important first Regional Conference on Catholic Action in Spokane Wednesday and Thursday.

---oOo---

LOST!!!! on the job a Parker pen set. Valued as gift. Reward for return to Major Parker at Field Office.

---oOo---

Miss Angeline Howells of Spokane arrived Tuesday night to become the biology and English instructor at the Mason City high school.

---oOo---

SOFTBALL LEAGUE

Team	Played	Won	Lost	%
CCC Camp	6	5	1	.833
Coulee Trad. Co.	6	5	1	.833
Field Area	5	4	1	.800
Rec. Hall & Police	5	3	2	.600
USBR Office	4	2	2	.500
USBR Field	3	1	2	.333
Mess Hall	5	1	4	.200
Fire Department	6	0	6	.000

Because the USBR Office and the USBR Field are unable to play Sunday ball, the Recreation Hall and Police will meet the Fire Department in a double header next Sunday at 2:30.

League standings include the Wednesday night game between the Fire Department and the Mess Hall.

Good Food Is ALWAYS In Demand

That's why the Mason City Restaurant is becoming more And more popular with Coulee Dam residents. No matter What they order----they know In advance that it will be The FINEST.....

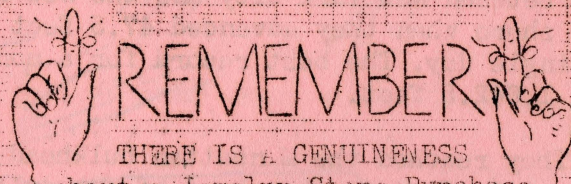
.....Open 5:30 a.m.....

MASON-CITY-RESTAURANT

---RECREATION---

---HALL---

---BLDG---



THERE IS A GENUINENESS

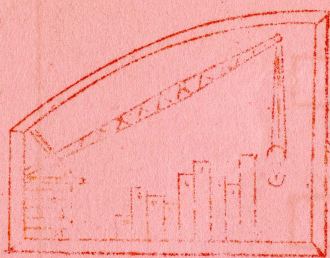
about a Jewelry Store Purchase that lasts and gives perfect satisfaction. The guarantee from this store has back of it the knowledge, skill and assurance that only a Jeweler can give.

Repairs of all kinds

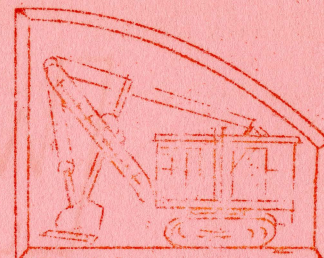
Reasonably priced

From Alarm Clocks to Diamonds

FRED N. LUDWIG



AROUND THE DAM



RESERVE OFFICERS DANCE

Coulee Dam chapter of the Reserve Officers association gave its first dance of the season in the gymnasium at Government Camp Saturday night. One hundred thirty invited couples attended. Don O'Donnell's 11 piece orchestra supplied the music.

---oOo---

DRIVE RIVER WALL

Attention on the east cofferdam was shifted to the south wing Tuesday when guide posts were driven for the last 300 feet. Work on the outer river wall began Wednesday and will be completed Saturday if the present rate continues. Only 150 of the 1,000 feet of back wall is driven.

---oOo---

COFFERDAM WELLS BEGIN

The first of a series of wells was begun Tuesday at the east cofferdam, with progress at the rate of 10 feet a day.

Two drainage wells on the bank below the east tower of the suspension bridge had reached the depths of 83 and 48 feet by Wednesday. These wells protect the tower.

---oOo---

EXCAVATION CHANGES LITTLE

East side excavation has dropped very little since Marion No. 5 was moved to the gravel plant last Friday. Feeder 5 was being dismantled Wednesday.

Excavation records since Oct. 1st average about 24,668 yards for a 21-hour day. On Oct. 7th 25,381 pay yards went across the river on the conveyor belt from the work of four shovels, two electric, one gas and one diesel.

On the west side for Oct. 7th 2,800 yards of rock went for the tailrace slope and but 520 were sent over the conveyor.

ODDS-n-ENDS

The 8x10 well shaft on the north hillside reached down to bedrock Tuesday, a distance of 135 feet. A pump of five gallons a minute has been installed there....

...Twenty of the States can find residents among the 60 Mason City school pupils.....

...The forms of the mixing plant are practically complete.....

...Supporting cables for the highway bridge were taken down Tuesday and the anchorage Wednesday.....

...Fred Ludwig, local jeweler, just received a supply of watches for repair from all over the United States and from Mexico, the latest being from Minneapolis.....

...The gravel plant was given a test Tuesday.....

The bottom heading for the construction trestle was in 16 feet Tuesday.....

...More than 1,200 pounds of chicken were used in the mess hall last Sunday. This amount is unequalled since March.....

...Two bulldozers and one three-eights yard universal push overburden over the bank at the aggregate plant.....

...A Safety suggestion box has been placed in the mess hall waiting room and at the Recreation hall. Suggestions are welcomed.

...The Mason City laundry found that a special on suits and overcoats brought a 40 per cent increase in work on such clothing last week. The Columbian was the only means of advertising used.....

Workmen finished ballasting and graveling the power house road Tuesday.....

...1,170 workmen were listed Wednesday morning as living in camp.

---oOo---

STOP ACCIDENTS
BEFORE
THEY STOP
YOU!

WHITE
BEANS

3# FOR 11¢

BROWN
SUGAR

2# PKG. FOR 11¢

COULEE TRADING
CO.