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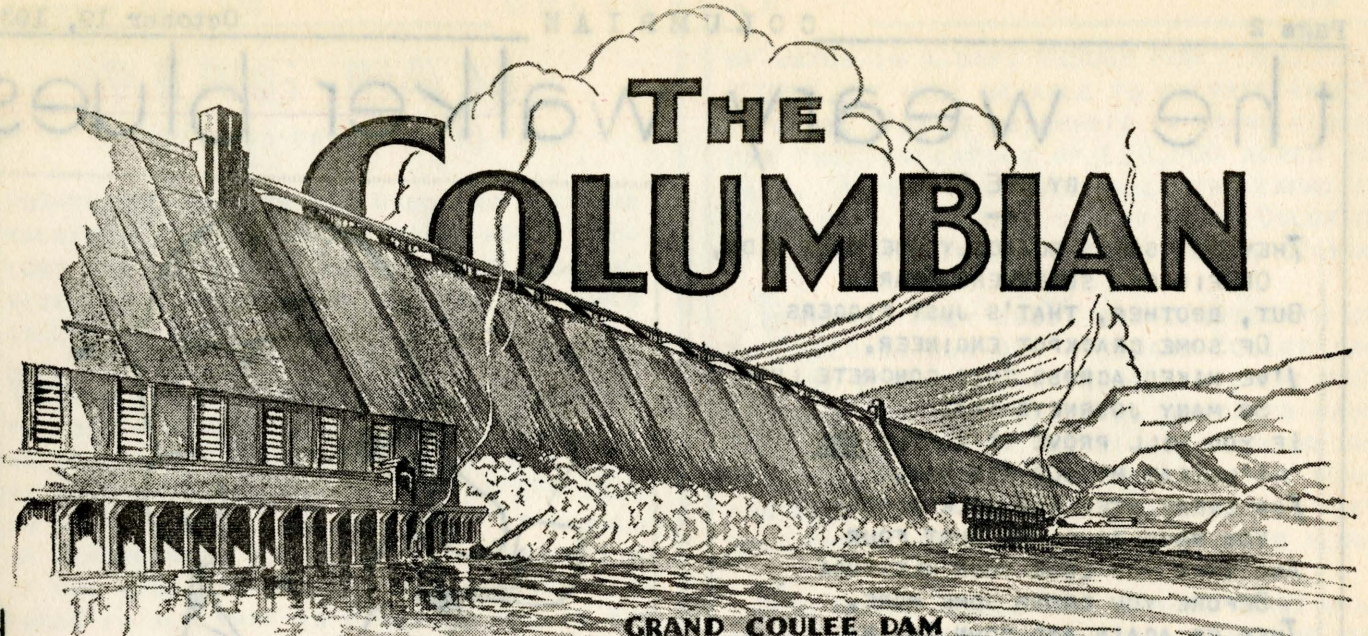
Consolidated Builders

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GRAND COULEE DAM
Consolidated Builders, Inc. Mason City, Wn.

Vol. 5 No. 21

October 19, 1939

WING DAM STARTS

Structure Off West End of Main Dam Will Be Part of Unequalled Plant of Stunning Capacities--

THE COLUMBIA BASIN PROJECT'S SECOND DAM HAS STARTED ITS RISE.

ON OCT. 10 AN AMERICAN WHIRLEY UPSTREAM FROM THE WEST END OF GRAND COULEE DAM PLACED FIRST CONCRETE IN A WING DAM. THIS WAS THE FIRST DIRECT MOVE TOWARD THE PRIME PURPOSE OF THE PARENT DAM---THE IRRIGATION OF OVER A MILLION ACRES OF FERTILE THOUGH ARID LAND.

THE NO. 2 DAM WILL BE A SUBSTANTIAL STRUCTURE IN ITS OWN RIGHT AND YET WILL BE COMPLETELY DWARFED IN SIZE BY THE PARENT. ONE IS TO BE 50 TIMES THE SIZE OF THE OTHER. AND YET THE SMALLER HAS NO PEER ON THE FACE OF THE GLOBE FOR WHAT IT WILL DO WHEN THE PLANT WHICH WILL BE INSTALLED BEHIND IT IS IN OPERATION.

NO. 2 WILL BE THE WALL TO THE GRAND COULEE PUMPING PLANT AND WILL BE A TYPICAL CONCRETE DAM WITHOUT A SPILLWAY. IT WILL BE ABOUT 117 FEET THICK AT THE BASE, 35 FEET AT THE TOP; APPROXIMATELY 600 FEET LONG AND 237 FEET HIGH, AND WILL CONTAIN FROM 180,000 TO 200,000 YARDS OF CONCRETE. THE STRUCTURE WILL BE COMPLETED NEXT SUMMER OR FALL. ON COMPLETION OF GRAND COULEE DAM MOST OF THE WING DAM WILL BE HIDDEN BENEATH WATERS

OF THE COLUMBIA RIVER RESERVOIR.

GRAND COULEE DAM'S PROGENY, ANGLING TO THE SOUTH AND WEST FROM THE MAIN DAM, WILL BE OF TYPICAL CONSTRUCTION, WITH CONCRETE PLACED IN BLOCKS AND LIFTS AND WITH THE SAME BLOCK INSTALLATIONS AND RESTRICTIONS AS IN THE PARENT DAM. IT WILL CONTAIN STEEL-LINED INLET TUBES; GATES; DRAIN TILE; TECHNICAL INSTRUMENTS; GROUT, DRAINAGE AND HOIST GALLERIES, AND WILL ALSO HAVE CRANE RAILS AND A ROADWAY ALONG THE CREST.

WEDGING DOWN ONTO THE SLOPED BACK OF THE DAM WILL BE THE PUMPING PLANT PROPER, EXTENDING 40 FEET BEYOND THE TOP OF THE WING DAM PARAPET. HERE WILL BE THE MACHINE SHOP WITH ITS 75-TON CRANE, AND IN SUCCESSIVE STEPS BELOW, A 5-TON CRANE STORAGE, TWO

(CONTINUED ON PAGE 3)

A
TIP THAT
CANNOT GO
WRONG

**KEEP
HAMMERING
AWAY AT
SAFETY**

the weary walker blues

BY JOE BEAN

THEY SAY SHE'S SCARCELY ONE MILE WIDE,
OR FIGGERS' SOMEWHERE NEAR
BUT, BROTHER, THAT'S JUST FIGGERS
OF SOME CRACKPOT ENGINEER.
I'VE HIKEED ACROSS THIS CONCRETE LUMP
SO MANY JOURNEYS THAT
IF YOU WILL PROVE IT'S ONLY ONE
I'LL EAT MY OLD TIN HAT.

FOR EVERY STEP YOU WALK ACROSS
YOU HAVE TO CLIMB JUST FOUR
AND THEN YOU LOSE YOUR ALTITUDE
BEFORE YOU CROSS SOME MORE.
THEN UP AGAIN AND DOWN AGAIN;
AND, BOY, THE GOIN' IS HARD.
YOU'VE TRAVELED THIRTY MINUTES BUT
YOU HAVEN'T GAINED A YARD.
THE SUPER MADE ME WALKIN' BOSS -
I THOUGHT IT WAS A BREAK;
BUT NOW I GET IT - I JUST WALK
UNTIL MY TOOTSIES ACHE.

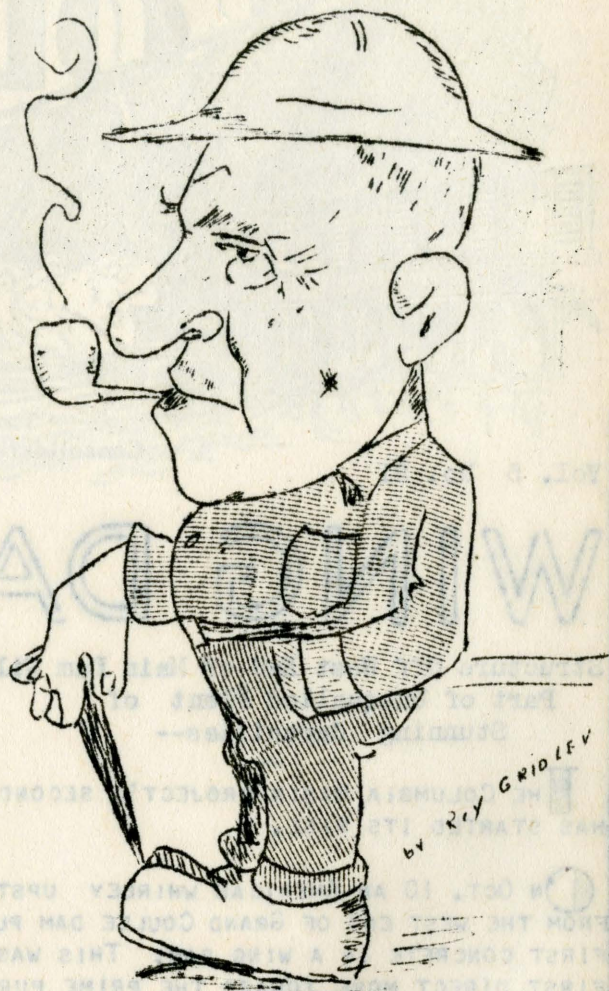
A-CREEPIN' 'LONG A FOUR-BY-SIX
YOU MEET ANOTHER GUY
WITH A LOAD OF LUMBER ON HIS HUMP,
AND YOU JUST WIGGLE BY.
YOU MOVE ALONG A STEP OR TWO
THEN GET ANOTHER BUMP
WHEN SOME RIGGER'S MOVED THE CATWALK
AND YOU MAKE A MIGHTY JUMP.
YOU PROBL'Y LAND UPON A NAIL
THAT'S HIDDEN IN THE DIRT
BUT YOU'RE SO COCKEYED MAD BY THEN
A PUNCTURE DOESN'T HURT.
YOU TRY TO STAND UP ON ONE FOOT
TO REMOVE YOUR SHOE AND SOCK,
AND YOU SIT DOWN IN THE WATER
THAT'S FLOODIN' EVERY BLOCK.
BY NOW THE TEARS ARE FALLIN', YEP;
YOU'VE TWISTED THAT BUM KNEE.
YOU PRAY TO GOD AND ASK HIM WHY
THINGS HAPPEN JUST TO ME.

* * * * *

DON'T CRITICIZE THE WALKIN' BOSS,
'CAUSE, BOYS, IT ISN'T FAIR:
I'LL GET A CRUTCH AND TRY AGAIN -
I'M ONLY HALF-WAY THERE.

NEVER GIVE AN UNCONSCIOUS PERSON ANY
WATER, WHISKY OR OTHER LIQUID, AS IT
MAY ENTER HIS WINDPIPE AND STRANGLE HIM.

DEPRESSION: A PERIOD IN WHICH PEOPLE
GET ALONG WITHOUT THINGS THEIR PARENTS
NEVER HAD.



JOE BEAN -- Salvage Walker

THE CEMENT SILOS HAVE MAGIC UNLOADERS.
OPERATED BY REMOTE CONTROL, EACH OF
THE THREE BIG UNLOADERS CAN EMPTY A CAR-
LOAD (230 BARRELS) OF CEMENT IN ABOUT 25
MINUTES. AN UNLOADER, WEIGHING APPROXIMATE-
LY 8500 POUNDS, HAS A CAPACITY OF 450
BARRELS AN HOUR.

AN OPERATOR, STANDING BEHIND A MACHINE,
DIRECTS THE ACTION OF THE MACHINE BY TILT-
ING A DISK-LIKE SWITCH. THE SWITCH CON-
TAINS FOUR MERCURY SWITCHES, EACH RESEM-
BLING A LIGHT BULB. TILTING OF THE DISK
FORWARD COMPLETES A CIRCUIT IN THE FORWARD
BULB; THE MACHINE MOVES AHEAD. THE BACK
SWITCH OPERATES BACKWARD. SWITCHES ALSO
WORK TO THE RIGHT AND LEFT, OPERATING ONE
WHEEL OF THE UNLOADER FORWARD AND THE OTH-
ER BACKWARD FOR A SHORT RADIUS TURN. IN-
TERMEDIATE TILTING CAUSES ONE WHEEL TO
TURN, THE OTHER TO STOP, FOR A SHORT RADIUS.

WING DAM

(CONTINUED FROM PAGE 1)

150-TON CRANES FOR THE HANDLING OF PUMP MACHINERY, TWELVE 65,000 HORSE POWER MOTORS AND THE TWELVE PUMPS THEMSELVES. INSIDE THE PLANT WILL BE BUS, PIPE AND CABLE GALLERIES ALSO.

WHEN THE DUAL STRUCTURES ARE COMPLETED TO FORM A SINGLE PLANT, THE PLANT WILL BE APPROXIMATELY 600 FEET LONG, 117½ FEET WIDE, WITH A MAXIMUM HEIGHT OF 276 FEET OR APPROXIMATELY 20 STORIES. IT SHOULD BE REMEMBERED, HOWEVER, THAT CONSTRUCTION OF THE WING DAM AND ITS APPURTENANT FIXTURES IS ALL THAT IS PROVIDED FOR IN THE CBI CONTRACT. THIS DOES NOT INCLUDE CONSTRUCTION OF THE PUMPING PLANT PROPER OR INSTALLATION OF ITS MACHINERY.

FINAL AND COMPLETE SPECIFICATIONS ARE NOT AVAILABLE ON MACHINERY OF THE PUMPING PLANT, BUT THE BUREAU OF RECLAMATION HAS INFORMATION WHICH IS RATHER STUNNING----

BECAUSE THE IRRIGATION OF 1,200,000 ACRES OF PARCHED LAND TAKES MORE THAN A STREAM OF WATER, A PUMPING PLANT HERE MUST BE ABLE TO DIVERT A RIVER OF WATER FOR IRRIGATION PURPOSES. CONSEQUENTLY, WHEN GRAND COULEE DAM'S PUMPS ARE ALL INSTALLED THEY WILL BE SO LARGE THAT ONLY TWO OF THE WORLD'S LARGEST HYDRO-ELECTRIC POWER PLANTS TODAY COULD OPERATE ALL OF THEM. THE TWO PLANTS ARE AT BOULDER DAM AND DNIEPER DAM (RUSSIA).

THE GRAND COULEE PUMPING PLANT WILL CONTAIN TWELVE PUMPS; TWO WILL BE SPARES. THE CAPACITY WILL BE ENOUGH TO EMPTY PRACTICALLY ANY OF THE LARGEST RIVERS IN THE NATION, ESPECIALLY DURING THEIR LOW SEASON. THE COLUMBIA ITSELF, SECOND LARGEST RIVER IN THE UNITED STATES, COULD HAVE BEEN EMPTIED BY PUMPS OF SIMILAR CAPACITY DURING ONE OF ITS LOW SEASONS. THE SAME PUMP CAPACITY WOULD BE SUFFICIENT TO SUPPLY THE UNITED STATES WITH ALL ITS DOMESTIC WATER; 28 HOURS OF PUMPING COULD HAVE SUPPLIED THE CITY OF SPOKANE WITH ALL THE WATER IT USED DURING THE YEAR 1938, THE BUREAU OF RECLAMATION EXPLAINS.

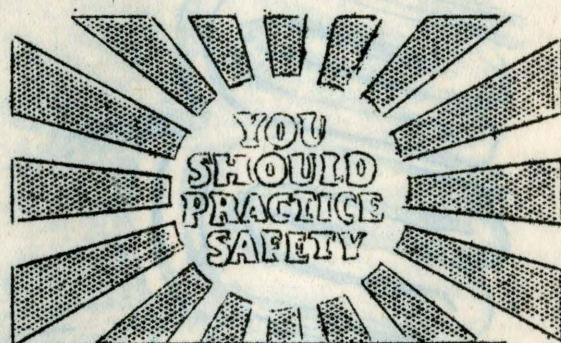
A SINGLE PUMP WILL HAVE THE CAPACITY OF LIFTING 50 TONS OF WATER PER SECOND AND WILL DELIVER MORE THAN A BILLION GALLONS

OF WATER IN A DAY, ENOUGH FOR 7 MILLION PEOPLE. IT WILL BE ABLE TO ELEVATE WATER INTO THE STORAGE RESERVOIR IN GRAND COULEE FOR THE IRRIGATION OF 120,000 ACRES OF LAND. A PUMP WITH ONLY HALF THE CAPACITY WOULD HAVE BEEN ABLE TO EMPTY THE COLORADO RIVER AT BOULDER DAM DURING THE LOW SEASON.

AND YET ONLY ABOUT ONE-EIGHTEENTH OF THE AVERAGE RUN-OFF AT GRAND COULEE DAM WILL BE REQUIRED FOR IRRIGATION, THE USBR CALCULATES, AND THAT WILL BE TAKEN FROM THE FLOOD-WATER OF THE RIVER. DURING THE PEAK FLOW MONTHS OF JUNE AND JULY THE PUMPING PLANT AT FULL CAPACITY WOULD DIVERT ONLY ONE-SEVENTEENTH OF THE AVERAGE FLOW.

THE GRAND COULEE DAM PUMPING PLANT WILL REQUIRE ONLY ONE-FOURTH THE OUTPUT OF THE POWER PLANT, WHICH WILL GENERATE ITS POWER ENTIRELY FROM THE COLUMBIA RIVER. EACH PUMP WILL HAVE A 65,000 HORSE POWER, 13,800-VOLT SYNCHRONOUS MOTOR. TWO MOTORS WILL BE FURNISHED POWER FROM ONE GENERATOR IN THE POWER PLANT. THE GENERATOR AND MOTOR SPEEDS WILL BE ADJUSTABLE TO THE MOST EFFICIENT SPEEDS AT VARIOUS HEADS. ORDINARILY PUMPING WILL BE AGAINST A 280' HEAD, FROM A FULL STORAGE RESERVOIR (EL. 1290) TO A FULL BALANCING RESERVOIR (EL. 1570) IN THE GRAND COULEE. CAPACITIES ARE FIGURED FOR A NORMAL HEAD.

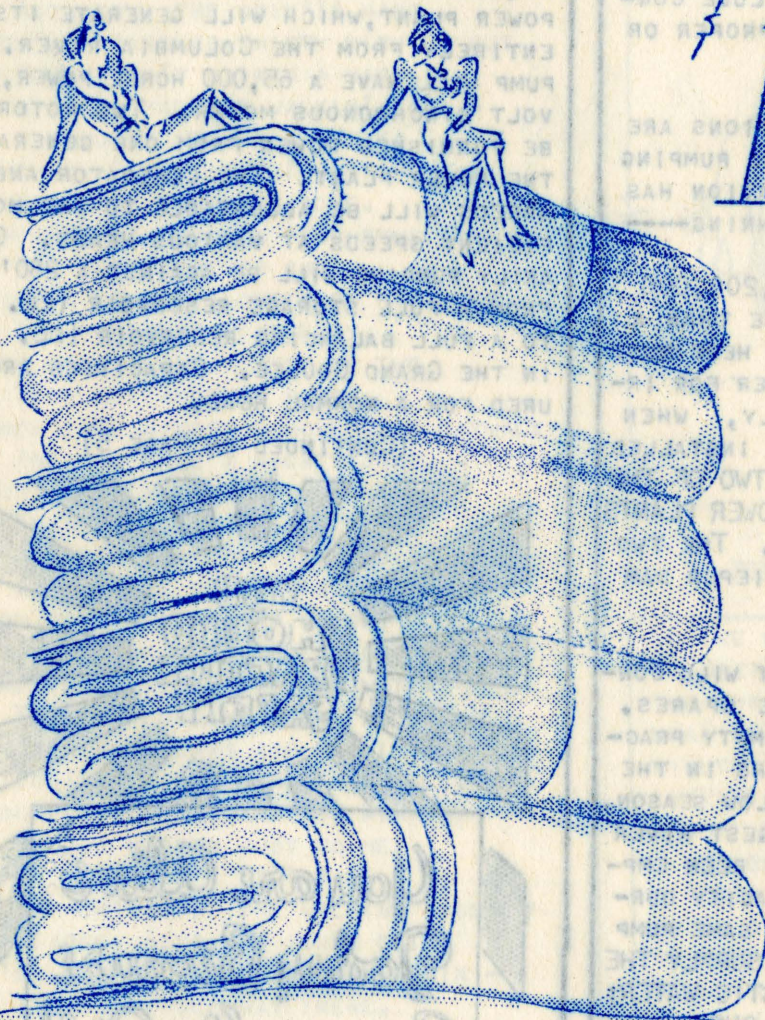
(CONTINUED ON PAGE 5)



You are Alive
Today Because
Someone Else Died!

PRE-WINTER

Sale of Blankets



\$ 179

TO

\$ 1550

COTTON
PART-WOOL
ALL-WOOL

MASON CITY STORES



DYNAMITE CAPS

LAST MONDAY AFTERNOON THE SEVEN YEAR OLD SON OF C.M. CALLAHAN, C. B. I. MECHANIC, LOST THREE FINGERS OF HIS LEFT HAND WHEN HE DROVE A NAIL INTO AN OLD BLASTING CAP. APPARENTLY THIS CAP WAS FOUND BY THE YOUNGSTER SOMEWHERE NEAR HIS HOME AND HE WAS ATTEMPTING TO MAKE A WHISTLE OF IT. THE CAP THAT CAUSED MONDAY'S ACCIDENT WAS OF THE OPEN-END TYPE FOR USE WITH A FUSE. INVESTIGATION HAS DISCLOSED THAT IT WAS BROUGHT INTO THIS COMMUNITY BY A WORKMAN FROM ARIZONA. THIS IS A VIVID EXAMPLE OF HOW FAR THESE ARTICLES SOMETIMES STRAY FROM THE POINT OF INTENDED USE.

THIS SAME ACCIDENT MIGHT HAVE HAPPENED TO ANY CHILD IN THE COMMUNITY. THE CHILDREN CAN HARDLY BE EDUCATED TO

REALIZE THE DANGER OF HANDLING EXPLOSIVES. THEREFORE, IT IS THE DUTY OF EVERY GROWN PERSON IN THE COMMUNITY TO PROTECT THE CHILDREN FROM THIS HAZARD. IF ANYONE KNOWS OF EXPLOSIVES IN ANY FORM NOW IN A RESIDENTIAL AREA, THE STATE OR CITY AUTHORITIES SHOULD BE NOTIFIED IMMEDIATELY. THE SAFETY DEPARTMENT OF C.B.I. WILL BE GLAD TO REMOVE AND DISPOSE OF ANY SUCH MATERIAL.

EXPLOSIVE INSTITUTE'S RULE No. 1 IS:

"DON'T STORE BLASTING CAPS, ELECTRIC BLASTING CAPS, HIGH EXPLOSIVES, OR BLASTING POWDER IN A RESIDENCE, HOME OR BOARDING HOUSE, OR ANY OTHER HUMAN HABITATION, OR LEAVE THEM LYING AROUND WHERE CHILDREN CAN GET THEM."

WING DAM

(CONTINUED FROM PAGE 3)

WATER FROM THE RIVER RESERVOIR TO THE PUMPS WILL PASS THROUGH 12 14-FOOT DIAMETER TUNNELS OR INLETS IN THE WING DAM TO THE PUMPS AND THEN UPWARD THROUGH CONDUITS 13 FEET IN DIAMETER AND FROM 680 TO 800 FEET LONG, FINALLY SPILLING INTO THE BALANCING RESERVOIR 1.7 MILES AWAY IN THE COULEE. THE INLET TUNNELS WILL BE LINED WITH STEEL BY WESTERN PIPE & STEEL COMPANY. THE PORTALS OF THE OTHER CONDUITS, VISIBLE TO THE EAST, ARE 22 FEET IN DIAMETER BUT NARROW TO 17 FEET. THESE WILL BE STEEL-LINED AND WILL BE SET IN CONCRETE.

YEARS AGO PLANS ONCE GIVEN SOME CONSIDERATION INCLUDED THE BUILDING OF A PLANT 180 FEET WIDE AND 790 FEET LONG, TO BE AT RIGHT ANGLES UPSTREAM TO THE MAIN DAM. THIS PLANT WOULD HAVE CONTAINED 20 UNITS, EACH OF FOUR PUMPS, A TOTAL OF 80 PUMPS. EACH UNIT WOULD HAVE REQUIRED A 33,000 HORSE POWER MOTOR AND WOULD HAVE FORCED WATER THROUGH PIPES 10 FEET IN DIAMETER.

HOWEVER, THOSE PLANS WERE ELIMINATED LONG AGO -- LONG BEFORE THE 12 TUNNELS WERE DRILLED BY CBI UP THROUGH CLIFFS ON THE WEST -- TUNNELS THROUGH WHICH LIFE-GIVING WATERS OF THE COLUMBIA WILL MAKE A DESERT BLOOM AGAIN TO THE BENEFIT OF A GREAT AGRARIAN AND URBAN POPULATION.

GENTLEMAN FARMER: A PERSON WHO IS SO WELL FIXED THAT HE CAN WASTE HIS PROFANITY ON A GOLF BALL INSTEAD OF A BAD-MANNERED COW.

CIVIL SERVICE EXAMINATIONS

APPLICATIONS CLOSE TODAY (OCT. 19) FOR THE POSITIONS OF HELPER, OPERATOR, CORE DRILL (\$.90 AN HOUR); HEAVY DUTY TRUCK DRIVER (\$1.00 AN HOUR) AND JUNIOR GENERAL MECHANIC (\$1.00 AN HOUR). POSITIONS ARE OPEN WITH THE BUREAU OF RECLAMATION, COULEE DAM.

OTHER CIVIL SERVICE EXAMINATIONS INCLUDE JUNIOR VETERINARIAN (\$2000), WITH NOV. 9 THE CLOSING DATE; AND JUNIOR GRADUATE NURSE WITH THE U.S. PUBLIC HEALTH SERVICE AND THE VETERAN'S ADMINISTRATION. APPLICATIONS WILL BE RECEIVED AT THE COMMISSION'S WASHINGTON OFFICE UNTIL FURTHER NOTICE.

"SOME PEOPLE ARE NEVER AMUSED BY THE RADIO," SAYS A WRITER. PERHAPS WHEN TELEVISION COMES THEY WILL BE ABLE TO SEE THE JOKES.



EVEN
TOUGH GUYS
GET INFECTION!
DON'T NEGLECT A SCRATCH
OR CEMENT BURN

PIGSKIN WARRIORS BATTLE FRIDAY BIG TIME GRUNT- AND-GROANERS BOOKED FOR DAMSITE

OVER 500 SPECTATORS WHO SAW MASON CITY HIGH SCHOOL'S 6-MAN PIGSKIN CARRIERS STOP CRESTON IN THE FIRST HOME GAME 32 TO 0 HAVE AN OPPORTUNITY TOMORROW (FRIDAY) NIGHT AT 7:30 TO VIEW THE ONLY TEAM TO SCORE ON THEM THUS FAR THIS SEASON.

IN THE OPENING GRID GAME OF THEIR CAREER THE BEAVER TEAM GAVE UP THREE TOUCHDOWNS IN DEFEATING MANSFIELD.

THE LOCALS FEATURE A HIGH-GEARED RUNNING ATTACK WITH STRONG BLOCKING, INTERSPERSED NOW AND THEN WITH LONG PASSES.

HOME GAMES ARE PLAYED ON THE LIGHTED FIELD IN COULEE DAM

THE PREMIERE OF BIG TIME WRESTLING WILL BE HELD THURSDAY OF NEXT WEEK AT 8 P.M. IN THE HODCARRIER'S ARENA, AND GEORGE WILSON, 212-POUND FORMER ALL-AMERICAN OF THE UNIVERSITY OF WASHINGTON, CLIMBS INTO THE RING IN THE MAIN EVENT AGAINST DR. BARTO HILL, 225-POUNDER FROM DALLAS, TEXAS.

THE THREE MATCHES OF THE EVENING WILL INTRODUCE THE GRAND COULEE DAM AREA TO THE NORTHWEST SWING OF HEAVYWEIGHT WRESTLERS WHO MAKE ONLY THE BIG DRAWING CITIES OF THE NORTHWEST. AMONG OTHER CITIES ON THE CIRCUIT ARE SPOKANE, TACOMA, PORTLAND, SEATTLE, CALGARY AND VICTORIA, B.C.

THE SECOND EVENT ANNOUNCED BY MATCH-MAKER MIKE MESSI BILLS FRED (WILDCAT) GREY (188 POUNDS) OF TACOMA AGAINST TOBY WALLACE (190 POUNDS) OF PORTLAND IN TWO OUT OF THREE FALLS.

BILL SINCLAIR OF THE U.S. NAVY, HONOLULU (210 POUNDS) IS BOOKED TO TWIST EARS WITH FARMER AGE (205 POUNDS) FROM OREGON STATE COLLEGE IN TWO FALLS OUT OF THREE OR 45 MINUTES.

ADMISSION: RINGSIDE - \$1; RESERVED - \$.75; GENERAL, \$.65.

Anyway, bystanders meant to insist to T.F. STANLEY that he needn't be afraid -- it was not a U-boat. It was apparently a strange phenomenon, but actually was only the debris rake below the dam billowing to the surface.



Yes, and it's only VAVA DICKIN TRYING TO REACH HIGH C IN ORDER TO DETERMINE IF THE LOSS OF TONSILS (MEBBE TOMORROW) WILL CHANGE THE RANGE OF HER DIATONIC SCALE.

ED ARGERSINGER was concerned in traffic direction last Saturday as 7 automobiles crashed into each other in a smoke pall before the Husky downfall.

THE CHANCES ARE TWO TO ONE THAT YOU WILL BE DISABLED BY SICKNESS AND NOT AN ACCIDENT AND THAT YOU WILL DIE FROM AN ACCIDENT AND NOT OLD AGE.

EVELYN (DEERSLAYER) SANGER FOUND WHAT MAY HAPPEN WHEN YOU HOLD A LOADED GUN, PULL THE TRIGGER JUST AT THE TIME THAT A PIECE OF VENISON WALKS IN FRONT OF A GUN BARREL (THE SAME GUN).

The playful hands of DOC SEWELL are gone. He's somewhere in the Friant dam district.

FOR TWO YEARS WITHOUT INTERRUPTION, JIMMIE COOK HAD COMPLETELY FORGOTTEN ABOUT TENNYSON'S POEM OF THE SPRING. AND THEN LAST SUNDAY HOW HE REMEMBERED IT!

FIVE PERSONS ARE KILLED OR INJURED EVERY DAY TO ONE DYING A NATURAL DEATH.

PLEASE DON'T THINK HIM A BRAGGART (MEBBE HE IS) BUT T.FICK CLAIMS THE CHAMPIONSHIP OF THE ELECTRIC DEPARTMENT. HE BAGGED A 4-POINT 200-PLUS POUNDER OF DEER.

DOCTORS OF THE UNITED STATES TREAT, IN THREE DAYS, MORE PEOPLE THAN ALL THE UNDERTAKERS BURY IN A WHOLE YEAR.

HISTORY STILL RESOUNDS IN THE MEMORY OF THE UNOFFICIAL TRAFFIC DIRECTION OF JOHN KOSICH UNTIL AN OFFICIAL TRAFFIC DIRECTOR CAME AROUND. BUT THAT'S PAST HISTORY.

FROM EXAMINATION PAPERS-----
A MYTH IS A FEMALE MOTH.
A BRUNETTE IS A YOUNG BEAR.
A GRASS WIDOW IS THE WIFE OF A DEAD VEGETARIAN.
A QUACK DOCTOR IS ONE WHO LOOKS AFTER DUCKS.
A BLIZZARD IS THE INSIDE OF A FOWL.

IF YOU KNEW HALF THE MARVELOUS THINGS WHICH COULD BE SAID ABOUT YOUR WATCH YOU PROBABLY WOULD NEVER TREAT IT AS CASUALLY AS YOU DO NOW. FOR IT IS REALLY ONE OF THE EXTRAORDINARY THINGS MADE BY MAN. MANY OF ITS PARTS ARE SO SMALL THAT THE THICKNESS OF A HAIR MEANS RIGHT OR WRONG ON ITS ADJUSTMENT. IT CONTAINS EXQUISITE SCREWS SO SMALL THAT HALF A MILLION OF THEM WOULD WEIGH A POUND. AN ORDINARY THIMBLE WILL HOLD 20,000 OF THEM.

STILL YOU EXPECT UNCANNY SERVICE FROM THIS DELICATE MECHANISM -- A SERVICE WHICH NO OTHER MACHINE IN THE WORLD CAN GIVE. YOU EXPECT IT TO RUN 8766 HOURS EACH YEAR, WHETHER THE MERCURY IS 100 ABOVE OR 30 BELOW. IT MUST RUN IN ANY POSITION AND STAND ALL KINDS OF JOLTS AND BUMPS. BUT IF IT VARIES A FEW BEATS YOU SERIOUSLY CRITICIZE.

LITTLE DO YOU REALIZE THAT THE TINY ROLLER JEWEL, ALMOST INVISIBLE WITHOUT A GLASS RECEIVES 18,000 BLOWS EACH HOUR. THE BALANCE GIVES OVER 150,000 BEATS PER YEAR AND TRAVELS 4000 MILES. NO WONDER THEY BREAK SOMETIMES. THE WHEELS OF A MODERN LOCOMOTIVE MOVE SLOW IN COMPARISON, YET THEY ARE OILED EVERY FEW HOURS. A TINY DROP OF OIL IS ALL YOUR WATCH ASKS FOR A YEAR'S LUBRICATION. THOUSANDS OF PEOPLE DENY IT EVEN THAT AND CAUSE IT TO WEAR AS YOUR CAR WOULD WITHOUT OIL. A WATCH NEEDS CLEANING AND ADJUSTING BECAUSE THE OIL USUALLY LOSES ITS LUBRICATING QUALITIES AFTER A YEAR AND LEAVES ONLY A GUMMY RESIDUE, WHICH MUST BE THOROUGHLY CLEANED BEFORE FRESH OIL IS APPLIED; THEN THE WATCH IS ADJUSTED TO TIME.

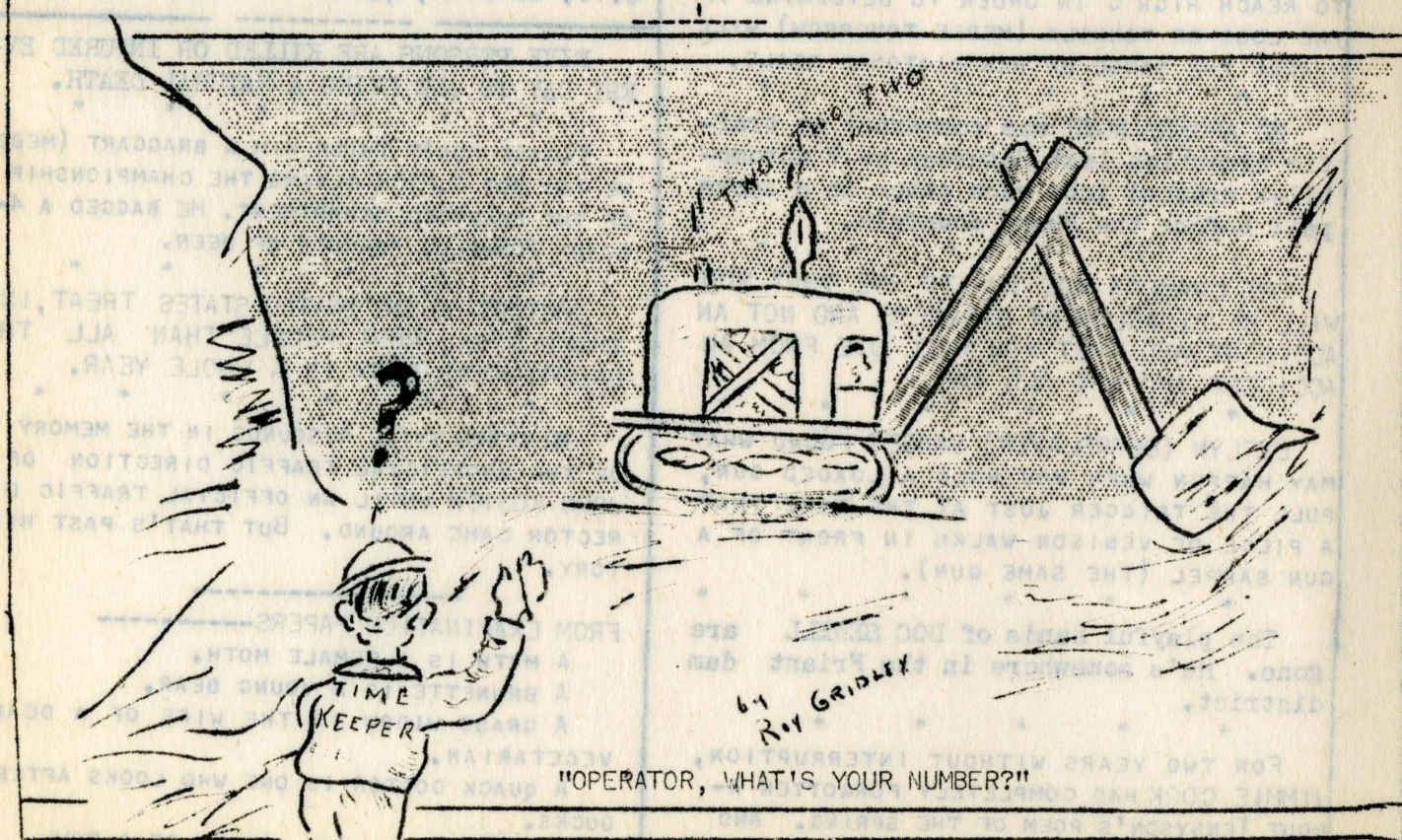
IT MAY BE INTERESTING TO KNOW THAT THE AVERAGE WATCH CONTAINS ABOUT 210 PARTS, ABOUT ONE-THIRD OF WHICH IS SCREWS. THE STEEL USED FOR HAIRSPRINGS COSTS ABOUT \$5.00 PER POUND; THE POUND MAKES ABOUT EIGHT MILES OF HAIRSPRING WIRE AND IS WORTH \$62,000. THE DRILLS USED TO MAKE THE BALANCE WHEEL ARE ACTUALLY FINER THAN A HUMAN HAIR; THE SCALES USED TO WEIGH SCREWS FOR THESE HOLES ARE SO ACCURATE THEY WILL WEIGH A PENCIL MARK OR A HALF-THOUSANDTH OF A GRAIN. IT REQUIRES 3773 OPERATIONS TO MAKE A WATCH AND THE TIME REQUIRED FOR THE PROCESS, ABOUT ONE YEAR.

SO STOP AND THINK - ONE CARELESS MOMENT MAY DESTROY THE EFFICIENCY OF ALL THIS TIME AND EFFORT; SO TRY TO GIVE YOUR WATCH THE CARE AND SERVICE IT DESERVES FOR VALUE RECEIVED.

---FRED N. LUDWIG, MASON CITY JEWELER

YES, ACCIDENTS ARE SOMEONE'S FAULT
DON'T LET THEM BE YOURS!!

ANY TIME MAY BE TRAIN TIME AT A RAILROAD
AND CROSSING



"OPERATOR, WHAT'S YOUR NUMBER?"

MASON CITY HOSPITAL NEWS

INDUSTRIAL INJURIES

WHEN HIS HAND GOT UNDER AN AIR RAM OF A FORMING DIE AT THE PIPE SHOP, C.E. AXELSON SUSTAINED PARTIAL AMPUTATION OF THREE FINGERS OF HIS LEFT HAND. HE WILL LOSE AN ESTIMATED SIX WEEKS.

WHILE WORKING ON A CLYDE WILEY, M. F. WILL SLIPPED AND FELL ABOUT 10 FEET, FRACTURING HIS RIGHT ARM. HE MAY LOSE UP TO NINE WEEKS.

A COMPOUND FRACTURE OF THE LEFT FOOT BEFELL T.O. HOUGEY WHEN A LOADED CONCRETE BUCKET CAME DOWN ON HIS FOOT. HE MAY NOT WORK FOR SIX MONTHS.

NON-INDUSTRIAL AND FAMILY PLAN
FINGER INFECTION DISAPPEARED LAST WEEK FOLLOWING HOSPITAL TREATMENT FOR PATTY LOU ZIEGLER, DAUGHTER OF MR. AND MRS. C. T. ZIEGLER OF GRAND COULEE.

CHARLES H. DAY, CONTACT MAN FOR THE AMERICAN FEDERATION OF LABOR, RETURNED TO HIS WORK, AFTER A MAJOR OPERATION AND TWO WEEKS IN THE HOSPITAL.

MEDICAL TREATMENT OF ALVIN SMITH, JR., INFANT SON OF MR. AND MRS. A. J. SMITH OF ELMER CITY, BROUGHT FINE RESULTS THIS WEEK WITH HIS DISCHARGE FROM THE HOSPITAL.

- THE FUTURE GREAT -----
- Oct. 14, to MR. AND MRS. F. B. WHITELOCK, MASON CITY, A SON.
 - Oct. 13, to MR. AND MRS. F. H. BUSTER, COULEE CENTER, A DAUGHTER.
 - Oct. 12, to MR. AND MRS. A. S. HUNTER, ELECTRIC CITY, A SON.
 - Oct. 12, to MR. AND MRS. A. E. WASHBURN COULEE DAM, A SON.
 - Oct. 11, to MR. AND MRS. JOHN MONTGOMERY, ELECTRIC CITY, A DAUGHTER.
 - Oct. 9, to MR. AND MRS. HOWARD G. BLAIR, GRAND COULEE, A DAUGHTER.
 - Oct. 9, to MR. AND MRS. ART McNEIL, ELECTRIC CITY, A DAUGHTER.
 - Oct. 9, to MR. AND MRS. WILLIAM W. THOMAS, ELECTRIC CITY, A SON.
 - Oct. 9, to MR. AND MRS. L. A. BRIXEY, OSBORNE, A SON.
 - Oct. 7, to MR. AND MRS. EARL E. BLACK, ELECTRIC CITY, A DAUGHTER.
 - Oct. 7, to MR. AND MRS. A. K. WYCKOFF, GRAND COULEE, A DAUGHTER.
 - Oct. 5, to MR. AND MRS. WALTER L. REES, ELMORE HEIGHTS, A SON.
 - Oct. 4, to MR. AND MRS. ROBERT L. STEWART, COULEE CENTER, A SON.
 - Oct. 4, to MR. AND MRS. MAX D. BEERY, NESPELEM, A DAUGHTER.
 - Oct. 3, to MR. AND MRS. CLYDE A. BOSTEDER, GRAND COULEE, A DAUGHTER.

NINTH DISTRICT LEGION CONFER HERE SATURDAY

A COMPLETE PROGRAM AWAITS ALL WHO ATTEND THE NINTH DISTRICT CONFERENCE OF THE AMERICAN LEGION, TO BE HELD IN MASON CITY OCT. 21, DAY AFTER TOMORROW, UNDER THE SPONSORSHIP OF MASON CITY POST NO. 131.

REGISTRATION WILL START IN MASON CITY HOTEL AT 10 A.M., FOLLOWED AT 1:30 BY OFFICIAL USBR MOTION PICTURES IN THE NORTH WING OF THE MESS HALL OF COULEE DAM CONSTRUCTION. AT 4 P.M. COMMANDERS, ADJUTANTS AND SERVICE OFFICERS WILL HOLD THEIR SCHOOL WHILE THE LEGION AUXILIARY HAS TEA IN MASON CITY COMMUNITY CHURCH. AT 5 P.M. THE REGULAR MEETING OF THE LEGION WILL BE HELD IN THE MESS HALL, WITH THE AUXILIARY CONVENING AT THE CHURCH. THE LEGION BANQUET WILL BE HELD IN THE MESS HALL; WITH THE DANCE FOR LEGION-

NAIRES AND GUESTS SCHEDULED FOR 9:30 IN THE CBI GYMNASIUM. MUSIC WILL BE FURNISHED BY FIRE CHIEF AND LEGIONNAIRE M. L. WHEELER AND HIS ORCHESTRA.

OPERATING ENGINEER'S HALLOWEEN



DANCE

SATURDAY--OCTOBER 28--C.B.I. GYMNASIUM

MUSIC BY

BOB DUDLEY
&

HIS SPOKANE ORCHESTRA



#

ADVANCE
WARNING
OF

AROSTY
MOUNTAINS



WALK CAREFULLY!

BRETT PIT CUTS SOUTH

THE SCOOPING OUT OF BRETT PIT WILL TAKE A NEW TURN.

EXCAVATION OF AGGREGATE IS READY TO HEAD IN A SOUTHERLY DIRECTION.

UNDER INSTALLATION IS 800 FEET OF CONVEYOR. THIS IS BEING ADDED TO OVER 400 FEET OF CONVEYOR EXTENDING TO THE SOUTH AND EAST.

THE TRANSFER BETWEEN CONVEYORS IS ALREADY INSTALLED.

THE 2250-FOOT TUNNEL TAPPING SNOW LAKE HOLED THROUGH SATURDAY (LEAVENWORTH PROJECT).

MINIMUM TEMPERATURES FOR THE PAST WEEK HAVE BEEN IN THE 40s. OCT. 15 REACHED A LOW OF 43

EIGHT AND ONE-FOURTH MILLION CUBIC YARDS HAVE BEEN PLACED AS CONCRETE IN GRAND COULEE DAM

YOU CAN NEVER EXCUSE YOURSELF FROM AN ACCIDENT.

EAST END IS "DEAD"

AGAIN WITH BUT RARE EXCEPTIONS, THE ENTIRE EAST END OF THE DAM IS TEMPORARILY "DEAD", ACCORDING TO THE WINTER PROGRAM.

BLOCKS 65 TO 89 ARE TOPPED OFF FOR THE WINTER. SEVERAL LIFTS REMAIN NEAR THE ABUTMENT IN THE VICINITY OF BLOCKS 91 AND 93.

PLACEMENT OF THE TRUSSES FOR THE ROOF OF THE WEST POWER HOUSE, WHICH BEGAN LAST WEEK, WILL NOT INTERFERE WITH THE PLACEMENT OF POWER HOUSE MACHINERY; WILL ENTER THE POWER HOUSE THROUGH AN OPENING ON THE WEST AND BE PLACED BY CRANES INSIDE THE POWER HOUSE.

WOMEN SIGH FOR THE DAY WHEN MEN WERE MEN. MEN SIGH FOR THE DAYS WHEN WOMEN WEREN'T.

THEN THERE'S THE MOTORIST WHO PUT HIS WIFE'S PICTURE ON THE DRIVER'S LICENSE BECAUSE HE ONLY HELD THE WHEEL.

CONCRETE

ONLY A QUIXOTIC TURN OF FORTUNE CAN CHANGE THE MONTH OF OCTOBER FROM BEING TOPS IN CONCRETE PLACEMENT, AS SEVERAL REMARKABLE THINGS STAND OUT ALREADY.

CONCRETE PLACED FOR THE FIRST 17 DAYS OF THE MONTH TOTALS 287,200 YARDS, A DAILY AVERAGE OF APPROXIMATELY 16,900 YARDS. WITH THE SINGLE EXCEPTION OF OCT. 2, EVERY DAY OF THE MONTH SURPASSED 16,000 YARDS, AND THE SINGLE EXCEPTION HAD 15,907 YARDS RECORDED. THE TOP DAY FOR THE MONTH TO DATE IS 17,737 YARDS.

THE COLUMBIAN TAKES A FACIAL

WITH THIS ISSUE A NEW MACHINE AND NEW TYPOGRAPHY ARE INTRODUCED.

THE SPECIAL-BUILT TYPEWRITER RECEIVED LAST WEEK CONTAINS THE AUTOMATIC JUSTIFIER, ONE OF THE LATEST DEVELOPMENTS IN THE FIELD PROPERLY OPERATED, RIGHT HAND MARGINS CAN BE SET IN A STRAIGHT LINE, AS DONE BY A LINOTYPE. THROUGH AUTOMATIC EXPANDING OR COMPRESSING THE LINE, A CHANGE OF SIX SPACES IS POSSIBLE.

THE NEW TYPE IS ELITE GOTHIC INSTEAD OF simple elite:

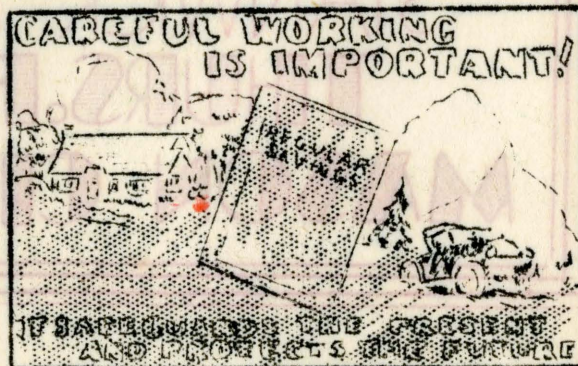
THE PAYROLL AT THE DAMSITE REACHED 5723 LAST WEEK WITH 4579 ON THE CBI BOOKS, 1042 ON USBR ROLLS. LYNCH BROTHERS, 32; WESTERN PIPE & STEEL, 64; COLUMBIA CONCRETE PIPE COMPANY, 6.

M. H. SLOCUM, FORMER JOB SUPERINTENDENT FOR MWAK, WAS A DAMSITE VISITOR OCT. 7 AND 8.

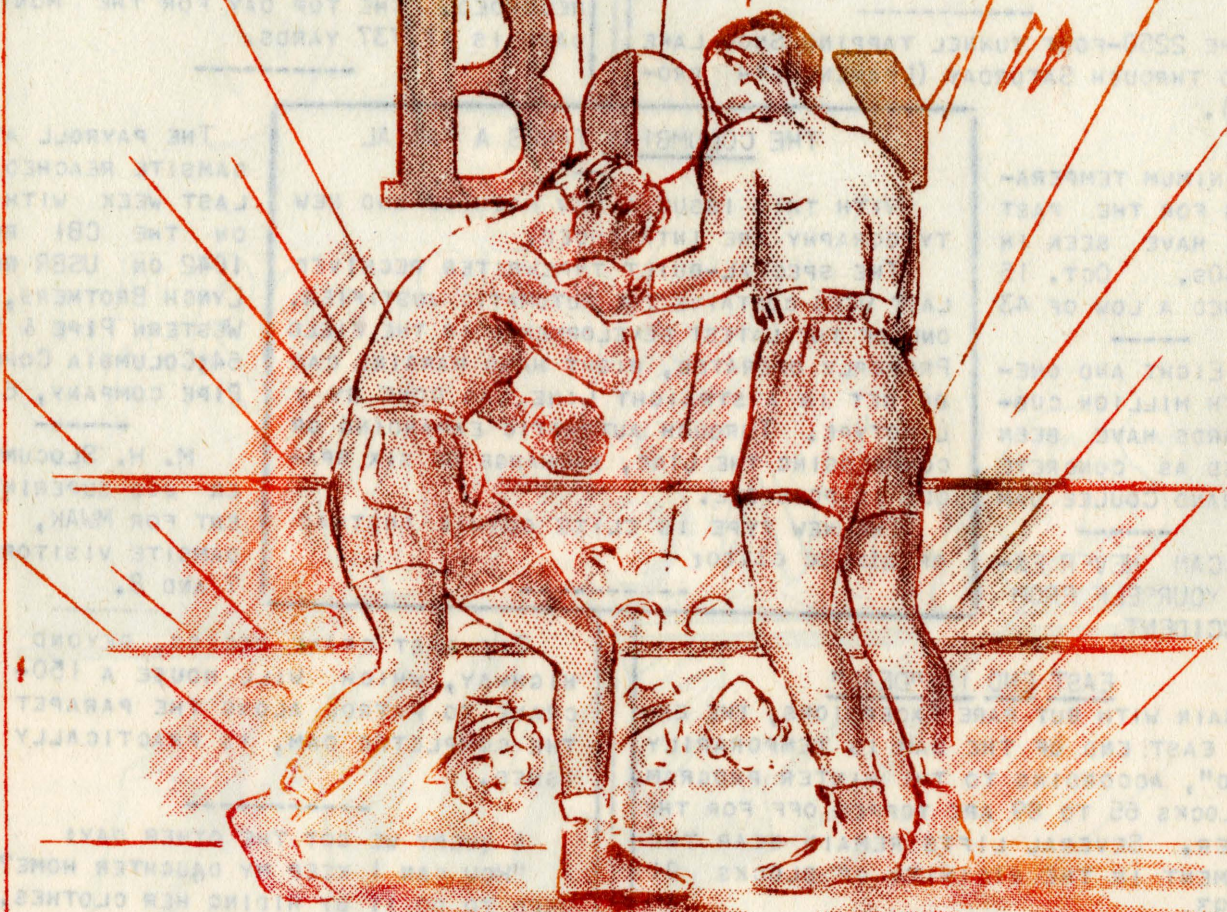
THE WEST CRANE RECESS, BEYOND THE HIGHWAY, WHICH WILL HOUSE A 150-TON CRANE TO PATROL ALONG THE PARAPET OF THE COMPLETED DAM, IS PRACTICALLY FINISHED.

A QUERY WE GOT THE OTHER DAY:
"HOW CAN I KEEP MY DAUGHTER HOME? I USED TO DO IT BY HIDING HER CLOTHES. THIS DOES NOT WORK ANY MORE."

OUR ANSWER:
"JUST HIDE HER LIPSTICK."



GOLDEN BOY



BARBARA ADOLPHE WILLIAM
STANWICK MENJOU HOLDEN
THURS. FRI. SAT.
MASON CITY THEATRE