

Basic Bombardier

VOL. 11 No. 4

SEPTEMBER 24, 1943

BMI PROJECT EMPLOYEES THROW AXIS FOR LOSS AS BOND DRIVE IN THIS DISTRICT GOES OVER TOP 100 PCT PLUS. NO WONDER ITALY DECIDED NEXT DAY TO YELL "UNCLE"

With a slam, bang enthusiasm which surprised the Clark County Committee, plant management and everyone else concerned, BMI project employees oversubscribed the quota allotted to the entire Railroad Pass School District in the Third War Bond drive concluded on Sept. 9. The quota assigned the whole district which includes Whitney, Pittman, Railroad Pass and Manganese Ore was \$300,000. Project employees alone bought bonds with face value of \$327,700. Here's how they did it: Regular payroll deductions (1355 BMI employees) \$ 53,000

Sept. 1-8; 2,930 BMI employees subscribed for an additional	221,400
Total BMI Employees	274,700
Town of Henderson	22,200
McNeil Employees	25,275
Anderson Bros. Employees	4,825
H. and R. Anderson	1,000
TOTAL PLANTSITE	\$327,700

BMI employees subscribing averaged \$77 per purchase.

One hundred and sixty two BMI employees bought \$500 bonds. Average participation by all BMI was 52 percent. Groups which were above average were: Plant Protection, Engineering, Comptroller's, Technical Service, Production, Administration. Many sections in all departments went as high as 100 percent.

Other than plantsite purchases made in the district brought the quota up to \$614,600, or more than 100 percent over the top. These subscriptions follow:

Manganese Ore Company	24,100
Whitney and Pittman	7,800
Railroad Pass	6,000
James Cashman	7,500
Pony Express (Walsinger)	4,000
Nev. Consolidated Fast	
Freight (F.M. Hodge)	1,000
Southern Nevada Industries	27,000
Johnson & Higgins	10,000
Union Oil Co.	50,000
American Liquid Gas Co. (McNaughton)	2,000
Standard Oil Co.	50,000
Anaconda Copper Mining Co.	* 75,000

*\$8,500 was credited to Gabbs.

THREE TEAMS IN TIGHT RACE IN BMI SOFTBALL LEAGUE

With a trio of teams--Firemen, Accountants and Technicians--in a tight race for victory in the second half of the BMI Softball League, the season moves to a close with some real ball games. Teams play each night--Monday through Thursday--at 8 o'clock. Winner of the second half must play off for the trophy with the first half winner. You will hear about this when the season closes Sept. 29. Meantime don't miss these closing games.



Fred Peirpont, Kenyon pump operator in Neutralization has worked here a year. During the BMI War Bond Drive he up and bought \$1500 in bonds. That makes \$2,000 he has bought since going to work. Fred is from Silver City, N.M., where he was a miner and leaser.

ISN'T THIS SWELL?

Sam Cory, who loads peat moss up in British Columbia for shipment to far-away BMI wears glasses. One day Sam lost his specs in a pile of peat. Away went the load--but on one of the bales Sam fixed a note. The note read:

"LOST-PAIR OF GLASSES"

"Notice to men unloading this car of peat. If they find a pair of glasses kindly return to Mr. Sam Cory, Ladner, B.C. Thanking you very much."

A crew under J.J. Berry here at Basic, while unloading a car the other day ran across the note. So they kinda kept a weather eye out for Sam's specs, Canada being our Ally and all that.

Yep, you guessed it. In one of the bales, safe in a leather case, they found Sam's specs. The "cheaters" are on their way back to Sam.

BRITAIN WILL FIGHT UNTIL JAPAN IS DESTROYED, SAYS MAJ. BALL, BMI VICE-PRESIDENT

The Italian surrender makes the score "one down and two to go" in our favor. The fight will be tough and may be long, but Germany is next on the list. After that comes Japan.

What's going to happen when the time comes for Great Britain and the United States to join strength in the Pacific for the knockout against Hirohito?

F.O. Case, BMI General Manager asked this question of Maj. C.J.P. Ball, BMI Vice-President and President of Magnesium Elektron, Ltd. of England. Maj. Ball answered in a most interesting and assuring letter, excerpts of which the Bombardier presents with realization that everybody on the job here will be interested.

Wrote Major Ball in part: "I want you to know that: (a) Japan declared war on Britain, and Britain has always accepted such a challenge and contested it grimly until the challenger was defeated."

Maj. Ball then quotes Britain's Maj. General J.S. Lethbridge, who heads a British military mission to this country to arrange for British-American action in the Pacific against Japan. On Sept. 2 Maj. Gen. Lethbridge said:

"We've got even more reason to hate the Japs than you Americans and we're going to pay them back with interest for stabbing us in the back. Great Britain will put everything she's got--men, planes, ships--into the fight in the Pacific. Of that you can be sure."

"We had to concentrate first against Hitler and Mussolini. We were fighting for our very lives. Now that Germany is being defeated we're going to turn our attention to the Japs...we're going to turn all hell fire loose against them."

After pointing out the unique character of the war in the Pacific, with difficulty of amphibian attacks, length of communication lines and the need for disease control, Maj. Gen. Lethbridge pledges the "full force of British anger and hatred" against the Japs.

Says he: "The Japanese have behaved so vilely to defenseless and innocent men, women and children of the Commonwealth that nothing will ever satisfy the British people but the total defeat and destruction of the Japanese.... Today throughout the factories and work shops of Britain and the Commonwealth and wherever the armed forces of the British are to be found, you will hear the stern avenging cry "Remember Hong Kong" and you can rest assured that the temper of the British people is such that no Government will survive that does not possess the people's confidence that all steps will be taken with all possible speed to make this cry a reality."

Fellow Americans--won't it be something--when the combined British and American fleets and forces move into the Pacific as one to slug Japan into oblivion!

NOTICE TO BOWLERS

If you have not turned in the names of your team members and captains, get them to the Recreation Division, McNeil Building, east wing AT ONCE. Bowling starts next Tuesday and schedules must be made up. HURRY!



Mrs. Shirley Weason, graduate of the University of Arkansas and a specialist in child care, with her day nursery brood, including Margaret Sailor, Linda Oerter and Dennis Kelly. Jimmy Shean and Tom Kilby aren't in the picture because they were still in "regular" school.

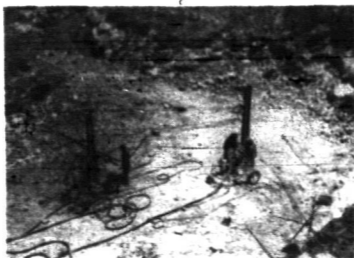
BASIC BOMBARDIER



T.C. Russell, general superintendent at Gabbs is old time Anaconda man.



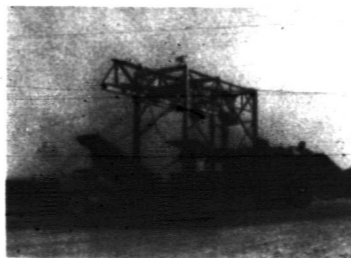
These are the diggings, where the Nevada hills are stripped to lay bare the magnesite ore.



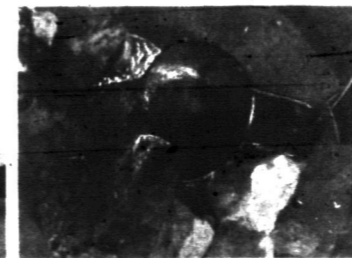
Wagon drilling at the mine. Drills go down to a depth of 24 feet for sampling and dynamite.



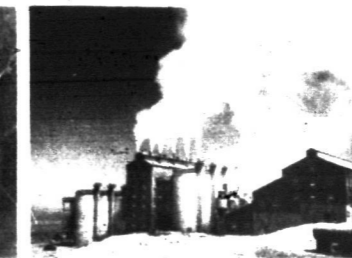
After blasting, shovels load trucks with 20 tons of ore each. Down the hill it goes.



Big trucks feed ore into the primary cone crusher. It takes 20 tons of rock at a gulp.



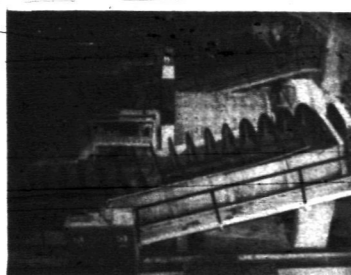
Looking down at the big cone crusher where big ones are being made into little ones.



The big mill at Gabbs. Inside the process of making concentrates from ore goes on.



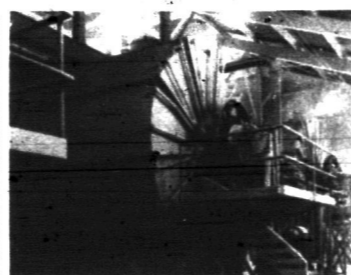
C.P. Donohoe, assistant general superintendent at Gabbs is eminent metallurgist.



Ball mill and classifiers. Classifiers release fine mesh, send rest back to ball mill.



Concentrates recovered by flotation. They come to top in bubbles, are paddled off.



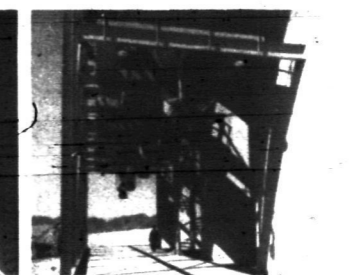
Dryers or filters-world's largest send concentrates out with 7 pct. moisture.



Here's G.W. Nielson, mill superintendent inspecting slurry coming from big dryer.



Roasters 7 stories high use 500,000 gallons of fuel monthly "Cooking" magnesium oxide.



At process and calcined MGO is loaded on trucks from silos and head for the Vegas plant.

TOWNSITE CIVIL AIR PATROL RAISING FUNDS TO BUY SHIP

The Townsite members of Civil Air Patrol Squadron were called out for emergency duty recently. They were at the Sky Haven Airport at daybreak, but couldn't get a CAP plane. So, on Thursday, September 9, at a meeting of the group, over \$1,000 was raised by members to apply on a plane for their CAP work.

H.A. Baxter (Instrument Repair General Foreman) Acting Commander of the Squadron says that \$900 more will give them a small plane to be used in all emergency work, such as courier service (carrying military mail), searching for lost planes, patrolling forest areas for fires, and numerous other duties delegated by the War Department.

According to Commander Baxter, the members, numbering some 25 men and five women, furnish their own gasoline, pay their own expenses, and work on their own time.

Technical Service

Al Caton, Research Engineer (Ceramics) received his commission as Ensign in the U.S. Navy and has left for Massachusetts to begin training.

Glen Beckwith, formerly Asst. Superintendent of Electrolysis, now devotes his scientific knowledge to Metallurgical Control and Development Department. Glen was Research Metallurgist at U.S. Steel Company before coming here two years ago.

Mrs. Hazel Pingree of Chemical Control joined her husband at Wood's Hole, Mass. where he is helping the Army and Navy in the study of the "seven seas."

Over 75 attended the Technical Service party at The Last Frontier. Through the courtesy of one of our outstanding bachelors extra boys were well-supplied with extra girls.

The accent's on technical development now that the plant is in full production. The application of American ingenuity to post-war problems is keeping our research divisions busy.



Lloyd Spires, Gabbs factotum, who handles personnel and most anything else.



Mrs. Gladys McMichael is Gabbs postmistress. She once ran a Wyoming dude ranch.



It's Chief A.T. McCarter, head of the Gabbs guards. Rangy, genial, efficient, Mac is.

Plant Protection

A surprise luncheon and stork shower was given at the El Rancho Vegas on Saturday, Sept. 11, by the girls of Plant Protection honoring Mrs. Vera Simpson. A lovely corsage was presented the honoree followed by gifts for the new comer presented as a gift from the entire department, also gifts from friends in Personnel. The table was tastefully decorated with appropriate favors and colors.

Tommy Bellis, Capt. of Guards, threw a real party, ice cream, cakes and everything, inviting the boys in the guard section to help him celebrate his birthday on September 8. He was recipient of a lovely gift from the Section.

Identification Section is welcoming Lily Childers to their ranks-Gary Carson, keeper of the keys, is vacationing-Allen and Evelyn McKinnon spent Labor Day in Los Angeles, combined business and pleasure-Guard E. D. Lucas and family have been called back to their home in Arkansas to take care of ranching interests. They will return.---Orchids to E. T. Wright, recently returned to BMI Identification Section, who in six short months service in the U.S. Army received the rank of Staff Sergeant.

TOWNSITE NURSERY SCHOOL ATTRACTIVE PLACE FOR TOTS

Shirley Meason's Day Nursery is open for business at 54 Pacific. With the help of DPC a delightful little fenced-in playhouse has been placed on the back of the lot, and here the kiddies spend many happy hours while mother works. Several of the children attend the nursery after school hours, Mrs. Meason calling for them at the school.

The children are cared for from 7:30 in the morning until 5 p.m. After lunch they rest from 1 to 3. The rest of the time is devoted to supervised play.

Many mothers do not know that it is possible for them to leave their children for a single day, or several days a week but Mrs. Meason has arranged this for the convenience of Townsite mothers.

Chlorine

Hydrogen women who have been added to our men's jobs department are Connie Schull and Doris Johnson. Thelma Willis and Gayle Dawson have been promoted to jeep drivers.

The name of Gilbert W. Franche was inadvertently omitted last issue for the honor roll list for not being absent for over six months. We're proud of these boys and don't want to miss one who has been so faithful.

Rayburn "Danny" Daniell of the Electrical Maintenance Department in the Chlorine area received first and second degree burns this week while working in Cell House #1. At the present time his condition is reported as "good." Come on Danny, we've been missing your happy greeting each day so you must hurry back.

FIGHTS NET RECREATION FUND \$540, HOSTESS CLUB \$410

After checking all accounts Dick Russell reported that the BMI-LAST FRONTIER Labor Day fights netted the BMI Recreation fund \$540.90. This has been turned over to Cashier Earl Evans and will be expended for recreation and athletic equipment by vote to the Recreation Council.

Zelda Smith, nee Reed, and Toni Hazard paid all bills and found the BMI Hostess club with a neat balance of \$410--made from the program and refreshment concessions so kindly granted them by Bill Moore of the Last Frontier.

The girls spend this money to entertain men in service.

Instrument Dept.

From the boys to Harry C. Windell--sincere regrets and a Gladstone before leaving permanently for San Francisco.

The John Paul Jones have gone vacationing to Southern California. Their daughter Pauline and baby Arline, visiting while husband is in basic training in Texas, are with them. John Paul's mother is awaiting their visit.

Mr. R. W. Bradshaw has returned to duties in stock room after his return from Deming, New Mexico, where he was called when his father was stricken. Our sympathy has been with him all the way.

Coming bowlers seen practicing Wednesday nights on alleys 3, 4 & 5. Herman Fischer has rounded out--Al Decker, R.C. Fitkin, Frank House, John Greene, Curtis Gunderson, Jimmy Beavers, G.J. Fader, Harry Dike.

Fred Wetherill, scheduled for bond talk at Victory Theatre, appeared at Boulder Theatre and persuaded admittance there. Right speech, wrong pew.

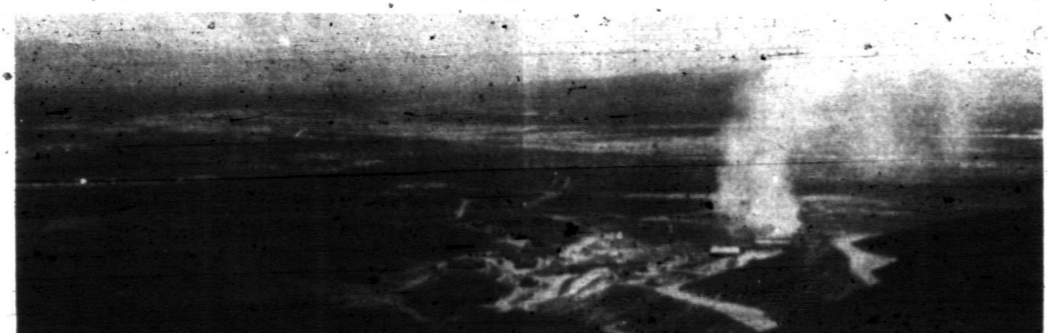
Beverly Barry visited soldier husband at Salt Lake City.

100 PERCENT PRESENTEE BADGES ADORN SHIRTS, WAISTS

Plenty of 100 percent presentee badges blossoming out on dresses and shirts around the plant these days. They're for the month of August. Those who are wearing one now and who have no absence (other than vacation) during September will get a 2 months presentee badge in October and so on, month by month.

GABBS PROCESS SHOWN IN PICTURES OUGHT TO KEEP TOJO AWAKE NIGHTS

Basic Bombardier takes pleasure in presenting to all employees of BMI the pictured process of the mine and mill at Gabbs. The layout displayed above shows the workings at Gabbs from the diggings to point where MGO starts on its way to the Las Vegas plant. It takes a lot of ore, a lot of crushing, flotation, drying and calcining to keep the tonnage at Vegas turning out light, white metal for plane parts, incendiary bombs, tracer bullets and flares. But Gabbs keeps ahead of schedule from hard-rock man high up on the hill to the Diesel drivers who haul the calcined product down the slope to Luning where it is hauled to Vegas by train. The Gabbs plant represents man's first attempt to produce magnesium oxide by flotation--and how successful it is the record reveals. Many of the installations at Gabbs are the world's largest... Berlin and Tokyo papers, please copy.



And as we leave Gabbs, the mine and the mill and from the diggings up high go rolling down the incline we look out over a wide desert valley whose sunsets are unsurpassed anywhere.

General Office

Bill Boucher, Refractories, and Don Cleveland, Engineering, are passing out cigars. Bill has a new daughter which makes him and his son partners in the minority group at his house--four women, two men. Don, on the other hand with a new son, has brought up the balance of manpower three to one. Both these fathers were able to report the new additions on their income tax returns.

Finally, after nearly two years on the job, Ruth Dreiman, our Paymaster, who stays on even keel no matter what, is taking her vacation. By plane to San Francisco.

Helene Williamson, Forms Room, is now Mrs. Newkirk. She will have been both a bride and a service wife the same month. Her husband leaves with the Seabees on the 23.

Our reporter for Electrolysis, Marion Brooks, is in the Basic Hospital recovering from an operation.

The C. & A. Accounting section is losing a faithful friend in Beverly McConnell, who is resigning. And, speaking of resignations, Helene Eichaker has resigned hers, which is good news to all her friends.

BUY BONDS TO BEAT ALL DICTATORS!

MAN PROPOSALS, GAL PROPOSALS
 Why: "As a proposal to me is a fight and I'm sure at this..."
 Why: "I'm sure that you'll be..."
 Why: "I'm sure that you'll be..."
 Why: "I'm sure that you'll be..."

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Catholics and non-Catholics have worked shoulder to shoulder in these parts with the result that both--and the great work each represents--have benefitted. Several months ago Rev. Roy C. Crouch, pastor of the Community Church and Father Peter Moran, pastor of St. Peter's Parish decided that they would join forces and help one another in the efforts of each to secure a church building. Management co-operated enthusiastically. DPC approved. Now contracts have been let and work on the two churches has begun. At the left Father Moran is shown turning the first spadeful on the site of the Catholic structure. At the

right Rev. Crouch is starting the excavation for the Community (Interdenominational) Church building. Both ceremonies were attended by church dignitaries from neighboring cities, DPC men and BMI executives as well as interested parishioners. And of course Rev. Crouch attended the Catholic consecration with Father Moran being present at the non-Catholic ceremony. It rather strikes us that all Christendom might learn a wholesome lesson from the example set by the religious leaders in the BMI bailiwicks. Of course every community isn't so fortunate in its leadership of the cloth.

FIRST FOOTBALL TEAM HERE PLAYS INITIAL GAME OCT 9

The barking of a coach's orders is mingling with the thud of leather against leather at Victory High School these afternoons.

Football practice by the first squad of gridders ever to represent the year-old school is under way.

Estes McDoniel, who played three years at the University of Arkansas and who subsequently coached some slashing elevens in the same state, is coaching the Victory squad.

Folks who recall that there wasn't even a school building here a year ago today are thrilled at the sight of the boys blocking and tackling on the new grassed gridiron.

Already four games have been scheduled for the Victory eleven with more to be slated in the near future.

Games already down in the book are: Victory vs. Las Vegas here on Saturday afternoon, Oct. 9. (Non-conference.) Victory vs. Boulder City here on Saturday afternoon, Oct. 16. (Non-conference.) Nov. 4: Victory vs. Boulder City, there. Night game. (Conference.) Nov. 11 (Armistice Day): Victory vs. Las Vegas, there. Night game. (Conference.)

Let's get behind our school team. They're a hard-hitting, earnest bunch of lads. It's the school's first team and they need all the support we can give them.

BY BUYING VICTORY BONDS YOU HELP
YOUR COUNTRY AND BENEFIT YOURSELF!

BRAGGIN', EH? WHY NOT?

Foreman Bill Scherer's boys (Electrolysis No. 1) sent up a marked copy of the *Bombardier* remarking competitively about Chlorine listing of six-month presentees.

"On September 29" says the message. "C.C. Lovett will have 12 months and on Sept. 6 W. G. Scherer had 10 months--never absent, never late." Adding, "a little soft music, Professor."

STUDENTS BUY PLENTY OF BONDS AND STAMPS

Students at Henderson school bought \$935.10 in War Stamps and Bonds Wednesday afternoon, Sept. 15 when Standard Oil's Victory House visited the school.

Tommy Riler and Bill Hughes with Blackie the Crow--both from the Last Frontier put on a good show, assisted by student volunteer singers and all emceed by Clair Cameron, Student Body president. The students lined up in long queues to purchase \$580.10 in stamps and \$375 in bonds.

Earl Brothers of Victory Theatre gave every student a free ticket for each \$1.00 purchase. He really packed the house.

HII GRANDPAWI

Grandpaw Roland Seibert of Orientation is accepting handshakes on the new grandson Richard Douglas Hanson. Ensign Roger Hanson somewhere at sea, has been cabled he is the daddy of a six-pound 10 ounce boy. Everybody's fine.

MEN'S AND WOMEN'S BOWLING LEAGUES WILL START SOON

With upwards of 600 BMI employees rarin' to go in two Basic bowling leagues the open season on wooden pins is slated to open Monday night, Sept. 27. First to crack the season's play will be the BMI Women's League with 16 teams entered. Mrs. Frank Switzer is president of the circuit.

Unofficial entries for 107 teams were listed at the meeting for organization of the men's league. Probably 100 will be ready to go when the bell rings next Tuesday. Team captains are meeting often to get the schedule in shape. It's no cinch what with day, swing and graveyard shifts to be considered. Tony Martin is president of the outfit. Bill Treweek announces that each team in each league will play once a week. Big scoreboards with every player's average are being prepared. ALL in all it looks like a big year for the keggers and a lot of good fellowship and fun for all hands.

NEW OFFICE HOURS

Starting Monday office workers went on a new schedule--from 7:30 to 4:45 p.m. Monday through Friday with 45 minutes for lunch; and from 7:30 to 1 p.m. Saturday with no lunch period.

CAUSE FOR REGRET

The reason for Hitler's sour look is because he wakes up on the wrong side of the channel every morning.

NEW YARDMASTER



It's Clark Hardy, new yardmaster. Clark was almost "born on the job." He went to work on the project Oct. 20, 1941. He used to be assistant general storekeeper.

SURPRISE WEDDING

Zelda Reed, assistant editor of the *Bombardier* is now Mrs. Edward Lawrence Smith. Smitty is in the Electric Control lab. They surprised their friends by getting married Saturday, Sept. 11 at the home of Mrs. Virginia Overman, Training section. The Smiths live at 2 Magnesium, Henderson.