14 Dec 87 Bill Welker told me that the work of dismantling the mine was down to removing the hoist for #142 cages. The pumps were off but could still be turned back on. Last Tuesday the company had offered the mine to the state. Removal of the hoist was delayed while the state decided if they wanted it. The work crew was drilling and blasting around holes in the open cut to seal them.
8 May 88

The work on sealing the mine and stripping the buildings is all done. The town now owns the surface rights. The company still holds the mineral rights. "BK" got a key from the mayor and we explored the open cut and the mine office. Found a "53", steel bars, hoses and tools in the noble pit. (Left there by workers sealing the mine.) Took it home. Got two pieces of secondary manganese oxides. Got some maps and trinkets from the mine office.

14 May 88

"AK" found wollastonite in same area. The workers who sealed the mine fired two strips here to fill a hole. The strips exposed the feldspar. And wollastonite.

14 Aug-88

"AK" and Steve Sanford opened the adit into the "Glory Hole" at Grizzly. "AK" stopped by and took me there. I brought two flashlights and a scaling bar. We walked to the Grizzly (300'-500') and checked out the fill raise. It seems to be full about 50' down. We scaled some chips of a green silicate off the wall. It fluoresced a blue-white. Probably diopside. The air in the adit and in a low spot in the open pit was delightfully cool. The adit took me to the muck heap.
16 Jun 89

Dick Hauck now owns the mine and is working on converting the buildings into a mining museum. Two of his friends got a compressor. I took my "53" to the mine and we drilled a hole thru the 3' concrete wall into the adit. Six hours to get thru the concrete and steel. One hour to get thru the wood form inside. Looked around the adit. Cap lamp charger is gone, over head crane in place. Many tools laying around.

1 July 89

Bernie and me walked down the ladders to find the water level. Found it at about 1350'. Walked back up, slowly, checking out levels and working places. The water is causing fill to subside in some old stopes. The fill in
The hanging wall end of 1400 transverse stope has dropped about 50'. There are 3 LHD's in stopes. 1200 stope, above 800 level (was in the process of filling - no ore broken). 1020 stope, above 1200 level (south end shot and mucked out - north end shot and muck still there). 935 stope, below 340 level (in the process of drilling - no ore broken). The powder magazine on 1000 level looks like those who closed the mine set off a large amount of explosives in it. The cement door frame is torn off, the rabbit box and bridge over the fill raise is bent and twisted, and the drift is littered with exploded nonel caps for 50'. The wood pallets on the magazine floor were ok but the roller conveyor was blasted to bits. Numerous timber
Constructions that we built in the past ten years have rotted out and collapsed. In some fill had run in and in others the cement was still hanging up there.

14 Oct 89 Water level now at the back of 1300 station. Removed clamps from electric cables up to the first rest platform above 1300. Checked out 780 pillar and 800 stope on 1100 level. The fill in 800 stope and 780 pillar itself both seem to be subsiding. This movement opened up a crack which enabled me to get a nice specimen of gypsum.

For activity between 14 Oct and 11 Nov see first page on next journal.
11 Nov 89 1200 Level
Tore down the fill fence around the bottom of the 1020 stope manway on 1200 level. Used a reamer bit to drill out cemented fill around manway pipe. Should be able to remove manway pipe tomorrow. Scaled loose in 1020. Found a vein of magnussonite(?), ruby, zincite and unknown #7. Saw that the fill in the old 1520 transverse stope is subsiding. Water is about 50' below 1200.

12 Nov 89 1200 Level
Ripped, tore, dug and yanked three manway pipes out and stripped fill around part of the hole. Should be able to remove LHD next weekend. Carried up more magnussonite(?).
18 Nov 89  1200 Level
Stripped fill in most of 1020 stope. South manway carried up more Magnussoneite.

19 Nov 89  1200 Level
Finished stripping fill in 1020 stope. South manway to better than 4' x 4'. Started Eimco and drove down the hole. The bucket jammed in a narrow spot half way down. Had to work the bucket up and down to get thru. Used the Eimco to tow two rocker dumper down to 1020 stope and loaded drills, steels, etc. and hauled the stuff out to the station.

21 Nov 89  1200 Level
Walked down to 500 with Earl Verbeeck and Steve Sanford. They stayed there to do geology and I went down to 1200. Made a minor
REPAIR ON THE EIMCO. (HYDROSTATIC DRIVE CONTROL LINKAGE) MOVED THE TWO ORE CARS LOADED WITH GEAR FROM 1020 STOPE OUT O NTO THE STATION. TRIED TO CROSS THE NORTH BULKHEAD DOOR BUT ONE OF THE PLANKS BROKE. WILL HAVE TO FIND A BETTER WAY. WALKED BACK UP TO 500, TIMING IT PERFECTLY TO MEET EARL AND STEVE ON THEIR WAY OUT. WHILE ON 1200 I NOTICED THAT 1520 TRANSVERSE STOPE FILL HAS SUBSIDED A LOT MORE.

24-25-26 NOV 89  1200 LEVEL
On Friday, Saturday and Sunday I had the able assistance of Charlie Auzio, Bob Winters, Pat Rodowski, Ron Tibbetts and Bob Hauck. Water is about 35' below 1200.

Nov 30 - Dec 2 & 3. 1200 level
Moved all tools and stuff out of 1570E stope including slusher and bucket.

5 Dec 89 1200 level
Moved forklifts.
Opened 1300 pillar chute. After 5 cars came out the crib hung up. Hooked up one of my diamond drill holes to the water pipe to get water to run down the crib.

6 Dec 89 180 - 340 - 430 levels
Went to 340 and 430 stations to load Al Chuppa's shaft car with stuff he needs for the new hoist. Scaled lots of loose in 1020 X-cut.
But found no specimens. Explored the east vein part of 180 and 240 levels. Walked to the north end of 240 level. Followed the footwall up to the top of the mined out stope. The stope moves north as it goes up therefore leaving a lot of the vein in place. Found a place at the top where a round of holes had not been shot. Five rows, each 3 holes across. Holes were large, about 2 inches. Walked carefully across the top of the stope. Saw a drift going into the footwall but six feet of smooth rock prevented me from getting to it.

8 Dec 89
1200 level
Tried apart the shaft water pipe on 1200 level and capped it so no water goes below 1200. Hooked up a string of water hoses to get water to 1300 pillar crib. Replaced a leaky water pipe near 1020 stope.
STOPPED BY 800 STOPE AND 780 PILLAR ON 1100 LEVEL. DISCOVERED THAT THE H/W BRIDGE OVER 800 STOPE HAD DISAPPEARED. ALSO ALL THE LOOSE PIECES OF 780 PILLAR FROM THE H/W TO THE GYPSUM LOCATION HAD VANISHED. FILL FROM 760 STOPE HAD RUN OUT ACROSS 780 PILLAR INTO 800 STOPE. THERE IS STILL SOME NICE GYPSUM IN 780 PILLAR BUT GETTING IT WILL BE RISKY.

9 DEC 89 1200 LEVEL
FOUND THAT 1300 PILLAR CRIB WAS STILL HUNG UP. CLEANED OUT ALL SMALL STUFF AND CARRIED IT DOWN THE H/W MANWAY. AS I WAS TAKING THE LAST PIECE DOWN I HEARD THE MUCK RUN DOWN UNTIL THE CRIB. STOPPED AT 780 PILLAR ON 1100 LEVEL AND GOT THE LAST OF THE GOOD GYPSUM. BERNIE K. CAME DOWN AND TOOK A LOT OF PICTURES.
10 DEC 89  1200 LEVEL

Used the LHD to move muck out of 1300 chute. Ron Tibbetts, Bob Winters, Pat Rodamski, and Charlie Puzio got the slusher and bucket ready and we got them out of the pillar, with the usual hang-ups. Bob Sweez came down and looked around, carried up more 780 pillar gypsum.

11 DEC 89  ADIT

Drilled pin holes to hang hoist exhaust pipe and for steel racks. Metsger came by to show officials from P.S.E. & G. around.

12 DEC 89  150 - 500 LEVELS

Collected a lot of pipe hangers, 4" pipe, Victaulics, "L" pins, etc. and loaded it all on the shaft cart. Explored 240 level again, looking for a way up to the north end of 180 level. Climbed to the
Top of the large "L" shaped pillar shown in the Franklin Furnace Folio. But it was a dead end. Went to 500 level with Bob Hauck to look for places that P.S.E. & G. could conduct air pressure tests. We stopped at 340 on the way up and explored the old stop in the safety exit area. Bob climbed up the footwall and checked out an opening to the south at the top of the stop. He found two neat old steel stanchions that dated from the 1890's.

14 Dec 87 1200 level
Set up a "53" (Jackleg drill) in 1200 x-cut and drilled holes to get some of the minerals that occur there. Hematite, Actinolite, Fluorite, Sphalerite, etc. It was typical of a day working in the mine. For example it took two hours to get water thru the water needle.
15 DEC 89  1200 LEVEL
WENT DOWN THRU THE SHAFT, WIRING
4 WIRES AT EACH TELEPHONE
JUNCTION BOX, FOR A SIGNAL
SYSTEM FOR THE TELEPHONE. USED
WEDGE PINS TO GET SOME SAMPLES
FROM 1200 X-CUT. TURNED OUT TO
BE JUNK. EXPLORED 1000 LEVEL ON
THE WAY BACK UP. NOTED TWO SIDE
DUMP CARS AND AN END DUMP IN
THE EAST VEIN DRIFT NORTH OF THE
OLD SAFETY EXIT.

16 DEC 89  1200 LEVEL
AL CHOPA RAN THE EIMCO CAR TO
THE END OF THE NEW 3/4" HOIST
ROPE. I WENT DOWN THE MAIN SHAFT
AND DISCOVERED THAT THE END OF
THE ROPE WAS ABOUT 20' BELOW
1100 LEVEL. HOOKED UP THE TELEPHONE
ON 1200 LEVEL. WORKS GOOD. DRILLED
MORE HOLES IN 1200 X-CUT AND USED
WEDGE PINS TO BREAK OFF MORE
SPECIMENS. ONE OF THE SEAMS
Opened up to about two inches wide and contained calcite xls, heulandite xls, and fluorite xls. I've been waiting for ten years for the opportunity to work on these seams and pockets. Got many nice samples.

17 Dec 89  500 level

Explored upper levels. Got a franklinite xl from 1015 stope, 180 level and a slab of zincite in calcite from 935 raise below 180 level.

18 Dec 89  Earl Neerbeick called to say that magnessonite from 1220 stope is confirmed by X-ray.

19 Dec 89  1200 level

Moved ore cars and other stuff onto shaft station. Fixed a leak in the water pipe. Drilled some holes in 1200 X-cut. Carried up some specimens.
From that area, gave 900 level a good going over. Chupa is modifying his cage so we can start hoisting the stuff on 1200 level. I don't know why.

81 Dec 89 1200 level
Carried the new MSA mine phone to 1200 level and hooked it up. Worked good. Drilled more holes in 1200 x-cut and wedged out some nice pieces. Al tried sending down the cage at 3:30 p.m. A shaft plank was down on 340 station and caused a crash.

22 Dec 89 1200 level
Al sent the cage down and it arrived in good order. Sent up 12 jack-legs on the first trip. Sent up six more loads and rode up on the last trip. Bob Hauck is unloading the stuff on 150 level. Carried up two pails of specimens from 1200 x-cut.
23 DEC 89  1200 LEVEL
Ron Tibbetts and I rode the cage down to 1200 level. Sent up four loads by noon, the last load being a slusher. The hoist operator had to leave at noon. Worked on 1200 x-cut for a few hours.

24 DEC 89  1200 LEVEL
Sent up three flatcars, three slushers, and a load of rock bolts, specimens, and me.

25 DEC 89  MERRY X-MAS
From Ed and Margaret (8/8/88)

26 DEC 89  1200 LEVEL
Went to 1200 but Al Chupa did not show up so I worked on the specimens in 1200 x-cut. Carried up a few nice pieces. Need air to drill more holes. Carried a hacksaw up to 1100 level and cut a support clamp off the shaft air pipe (8") I need the clamp to stop a leak in the
AIR PIPE ABOVE 1000 LEVEL.

28 DEC 89  1200 LEVEL
4:48 P.M.  44 P.M.
SENT UP FOUR LOADS OF SLUSHER BUCKET PARTS, STEELS, AND ROOFBOLTS AND 3.5 RUCKER DUMP CARS. BOB SENT ME A CHAIN HOIST WHICH MADE CAR LOADING EASY. SHOWED EARY VERBECK THE MAGNUSONITE LOCATION IN 1030 STORE AND PICKED UP A FEW STRAY PIECES. RODE UP TO 180 ON THE CAGE AND CARRIED A BUCKET OF 1200 X-CUT STUFF UP TO THE ADIT.

39 DEC 89  1200 LEVEL
1:30 P.M.
WALKED DOWN SHAFT LADDER AND PUT PIPE CLAMP ON LEAK IN SHAFT AIR PIPE. SENT UP 2.5 ORE CARS AND ONE MOTOR CHASSIS. LOADED BATTERY CHARGER ON LAST CAGE AND RODE UP WITH IT. BROUGHT TWO PAILS OF SPECIMENS FROM 1200 X-CUT UP TO 180 LEVEL.
30 Dec 89  1200 Level
Sent up 4 loads. Sent up the first aid box, picnic table, battery charger frame, powder box, second motor chassis, LHD spare tire and various small stuff. The only item left on 1200 is the LHD. Used the LHD to get some boulders of red ore from 1300 pillar and sent them up too. Went to the mine party in the evening.

31 Dec 89  1200 Level
Water is 7' below level.
Sent up a load of grates from the safety exit, an air cylinder and some ore boulders from 1300 pillar. Took the bucket off the LHD and sent that up.
Bob Hauck, Pat Rodamski, Chet Lemaniski, Bernie K. and Bob Svecz switched the cage and LHD carrier on 340 level and sent the carrier down with the ramp. We loaded the LHD and pulled it up to 1100.
We had to leave the ramp on 1200 and Al Chupa had to jack up the output of his compressor. Drilled some holes in 1200 X-cut.