

Dec, Jan, Feb trips to the Plishner radio site in Haswell Co. by: Bill Miller

2024-02-12

On Dec 6th 2023 Wed. Ray Uberecken and Paul Sobon worked on the remote radio station in the bunker and worked on the dish.

On Dec 7th Thur. Glenn Davis and Lewis Putman were onsite working on the new dish control HW and SW.



On Dec 11th Monday, Bill Miller and Jim Barnett drove down and dropped off materials from Martin Fynn and checked the bunker. Bill and Jim installed the fill pipe, vent pipe and risers on the cistern. Bill vacuumed all the dirt out of the cistern and the riser interfaces and added a tile under the previously installed pump. Jim dug a trench for the electrical conduit to connect the cistern pump wiring. A lot more work is needed before the cistern burial.



On Dec 21st Ray Uberecken and Bill Miller drove to the site. Ray worked on the station Amplifier and then installed the electrical conduit to the cistern while Bill added the Yard Hydrant and other electrical fixtures for the 1200 gallon cistern.



On Jan. 11th 2024 Julian the plumber from Taylor Plumbing in Lamar came to the site with a helper and worked on the plumbing wall rough but later called Bill and said they could not finish it and get it inspected without the shower base and walls and installing the shower pipes.

On Jan 17th Ray and Mike Parsons set up in the trailer and readied the dish for tropospheric scatter communication on digital modes with a ham in Fort Worth.

Bill arrived at the site and checked the batteries in his trailer and found them frozen. Before leaving He and Mike removed the batteries so Bill could take them home and recharge them, hopefully saving them.



Ray, Mike, and Bill unload the 36 x 36 shower base and walls kit that Bill purchased at Home Depot the day before and brought to the site in Bills Durango.

Bill worked on the cistern electrical conduit to finish it.

Ray and Mike tried for tropospheric to FT Worth on digital modes.

The signal was received in Ft Worth but no 2 way contact on digital modes was made. Ray had no problem communicating SSB on 1296 MHz with Myron in Colorado Springs. Ray later concluded that they had miscalculated the signal path vector to Ft Worth by about 3 degrees and would try again on another trip.

On January 18th Paul made a trip to the site and reinstalled the 1200 watt amplifier in the remote station after it had been checked at the factory. Once installed he spent some time checking it out.

On January 24th, the plumber and helper came back to work on the wall rough some more but called and said they needed the small wall studded in to complete the shower.



On Jan 25 Ray came on site for a retry of Tropospheric communication with Ft Worth, Tx, Paul also joined him while Bill came to work on the shower wall build and Cistern. Paul helped Bill with framing of the wall. Julian the plumber and helper came out and helped finish the wall framing and installed the shower and plumbing for it.



On 1/31/24 Wed. Kyle brought out his Excavator and started working on the conduit trench to the dish. He dug the trench and worked with Bill to plan the rest of the remaining groundwork needed.



Glenn Davis and Dan Layne came out to help glue and install the five line conduit run from the dish to the new building.

Bill and Marshal Morgan came out with Ray's trailer loaded with conduit and the solar EClipso antenna tower.



Marshall, Dan, and Glenn glued and installed the 3 x 2" and 2 x 3" conduit runs from the building to the dish, while Bill helped Kyle measure the trench and plan other groundwork.



Bill finished the cistern plumbing and electrical conduit for the cistern pump. When we ran out of daylight and had finished the conduit and cistern projects we locked up and left the site.

After the day's work, Marshall volunteered to accompany Bill to Kit Carson to meet Chandler Kent at Kent Electric property to discuss the expensive electrical installation invoices.

The meeting with Kent was counterproductive with no real discussion or concession from him and only confrontational rhetoric. Seeing that this was going nowhere, I decided to pay off the remaining balance and begin looking for a different solution. Marshall and I got back from Kit Carson to Colorado Springs at about 9:30.

On 2/2/24 Friday, Kyle brought out his Skip loader and buried the conduit trench to the dish. He also did a lot of additional groundwork to divert water from the back of the building and into the adjacent field to the northwest of the building.

On 2/5/24 Monday, Kyle came out and dug the north trench for the north solar EClipso antenna and did some more groundwork.

On 2/6/24 Tuesday, Bill got a call from Kyle that he would like to finish the groundwork so he could move his equipment to another job site. He said we needed more three inch conduit and fittings to finish the conduit run north of the building to the solar antenna. So, Bill went to Blazer supply that morning and bought more conduit and drove to Haswell. He then worked on the northern trench for the solar EClipso



antenna tower.

EClipso Solar North Tower Base Hole

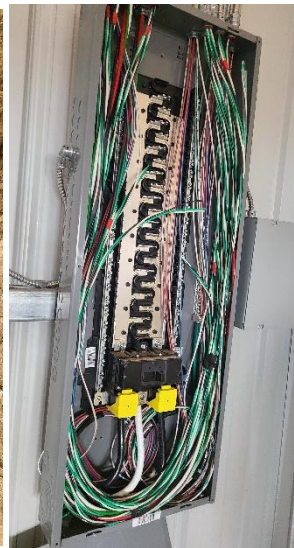


3"&2" conduit to north tower



Bill finished two conduit runs to the north antenna.

An alternate electrician came out and we toured site and discussed the items needed to quote the work and materials to finish the remaining electrical.



Kyle brought his trailer back and helped Bill with trench work and planned the remaining groundwork. He loaded the excavator on the trailer and left the site.

On 2/7/24 Wednesday, Kyle brings back trailer. He did more groundwork with his skip loader and buried the north conduit trench, cistern, and electrical trench under the building electrical panel. He also moved the blue dish stand to the eastern slab. This leaves only the electrical trench under to small dish and the burn pit left to bury. I had Kyle dig a burn and debris pit northeast of the building. We can use this to get rid of fence wire, concrete and miscellaneous trash on the site.

On 2/12/24 I received a quote for the remaining electrical Phase 1 adding 60 Amp circuit for the water heater and hooking up the building and existing site to the new transformer and meter and Phase 2 to finish all the outlets, breakers, and fixtures after the rest of the building is finished. We're getting other bids for this work and if reasonable, we can add the missing 60 amp circuit and hook up the site and the building so we can begin the building insulation and finish walls and begin finishing the kitchen and bathroom with drywall. When the building interior is finished, we can contract phase 2 and install all the rest of the outlets, breakers, and fixtures.

Items left to do:

Install gutters and downspouts.

Buy Heat Pumps and On Demand Water Heater

Get Phase 1 of the electrical hookup and added items done.

Get Kyle or his carpenter back to drywall the kitchen and bathroom.

Paint the kitchen and bathroom.

Seal, paint or tile the kitchen and bathroom floor.

Buy and install the cabinets, cook top, sinks, toilet, doors, fan, light fixtures, other fixtures, and heat pump registers.

Add finish to the rest of the concrete floor.

Spray foam the ceiling and walls of the entire building.

Paint the foam insulation ceiling.

Install two remaining doors.

Stud in walls where needed.

Cover the walls with some sort of board material.

Install the Solar EClipso Antenna and tower.

Bulkhead the conduit into the dish pedestal.

Move in racks and install power distribution units.

Move in equipment and hook up to dish.

We have a number of conduit 45 and 90 degree elbows, eight 10 ft sticks of two inch conduit and one 10 ft 3 inch stick of conduit left over. Will return for credit if not needed.