



Rolling roof on well house allows James Padgett to pull up a bad well without having to tear the roof off.



Entire back wall opens up for full access to well and pump.

Photos by Cody Padgett

Rolling Well House Roof Helps Pull Pump

The last time James Padgett pulled up a bad well, he had to tear the roof off his well house. That won't happen again thanks to the rolling roof he put on his new well house.

Padgett already had much of what he needed on his Lodge, S.C., property so he spent only about \$200 for roofing and other materials for the project.

"The roof could be picked right off," he says. But he designed it to roll on four 3-in. wheels attached to the roof. They roll on a channel iron track mounted between the siding and the interior wall. Inside, three U-hooks on each side slip into eye bolts screwed into the roof plates to hold the roof on securely.

When Padgett wants to roll the roof open, he folds out and locks triangle braces he made out of channel iron and flat bar mounted on

homemade hinges, bolted to the outside wall. He unhooks the U-hooks inside, rolls the roof and hooks the two hooks on the end to balance the roof.

"The most challenging part was trying to get the door to open without interfering with the roof," Padgett says. "I cut part of the front rafter so the door could clear."

The shed is insulated and sealed air-tight to protect the well pump. The roof, insulated and covered with 90-lb. roofing paper, has held up well to strong winds since Padgett built the building a year ago.

His clever design has neighbors considering building similar sheds. It's something anyone who has had to pull a well can appreciate.

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To roll roof open, Padgett folds out and locks triangle braces that bolt to outside wall (left). Then he removes 3 U-hooks from eye bolts screwed into roof.



Facemask is made of neoprene with a replaceable carbon filter.

Facemask Filters Out "Everything But The Air"

By Krista Wetschka

If you work or play in dusty conditions, you'll like this comfortable new mask that's made of neoprene with a replaceable carbon filter.

"Other than a simple surgical facemask, there are really no non-powered masks on the market that have a replaceable filter," says Dan Weinberger, company spokesman for the new RZR Mask that filters out "everything but the air".

With a surgical mask, the filters are n95 rated, meaning they filter out at least 95 percent of particles from the air. The RZR Mask filters have a rating of n99, filtering at least 99 percent of airborne particles, including particles as small as smoke.

The mask was developed in Minnesota for use on all terrain vehicles, but many farmers and others are discovering how convenient and comfortable it is to use.

The neoprene mask is hand washable. "The replaceable carbon filter will wear out over time. We generally recommend changing it



Mask is hand washable.

after 8 to 12 uses depending on conditions," says Weinberger.

The mask and filters are for sale on the company's website and in various powersports shops around the country. The mask sells for \$29.99 and replacement filters come in packs of three for \$6.95.

Contact: FARM SHOW Followup, RZR Mask LLC (ph 888 777-9422; sales@rzmasks.com; www.rzmasks.com).

"Telephone Pole" Bee Trap

"Carpenter bees are a real problem in our area. They bore holes in wood structures and can cause serious damage," says Jim Williams, Leesburg, Ga. "So I fabricated a low-cost bee trap that works great."

The bee trap is made from part of an old telephone pole. Jim cut the top of the pole off, leaving a section about 14 in. long. He bored a 3/8-in. dia. hole up the bottom of the piece several inches. The hole connects to 2 other existing holes that run crosswise through the pole.

In the same 3/8-in. dia. hole he drilled a 5/8-in. dia. hole about 1 in. deep to accept a plastic water bottle. He inserted a wooden dowel through a hole at the top of the pole, and then wired a hanger to both ends of the dowel to form a handle.

"To set up the trap, I put about 4 oz. of sugar water in the bottle and then screwed it into the bottom of the pole. I hung the trap at the rear of the barn. My bee problem was solved," says Williams.

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Bees enter through holes in side of pole, then crawl down into plastic bottle filled with sugar water and drown.

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