Low constructional cost, neatness and solidity are features of this

Concrete-lined Well

MY vacations are apt to be "busman's holidays," for I am usually looking for interesting ideas for these pages. Back in the Mutual Help chair feeling rather overdressed and decidedly "collar-proud" after a holiday during which I seldom wore more than sandals, shorts and suntan, I decided that this wellsinking hint was well worth passing on.

Down at Charlie Ironmonger's The cylinder thus formed was place at Karridale I saw several lowered into the well and examples of applied ingenuity including a neat concrete-lined well. At first glance I thought that it was lined with pre-cast concrete cylinders, but learnt that Charlie and his son David had dug and lined it themselves using a mould from two bitumen drums.

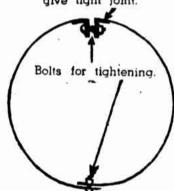
The well was 13ft. deep and about four feet in diameter when completed, but Mr. Ironmonger told me that they had constructed a similar well on another property and this was over 20ft. deep. The wells were sunk in circular form, the hole being about 4ft. 8in. in diameter and carefully plumbed.

The sides of two bitumen drums were used, the tops, bottoms and rims being cut away and the edges smoothed. A cut from top to bottom of each gave two curved sheets of stout metal and these were opened out so that when put together they would make a cylinder four feet in diameter.

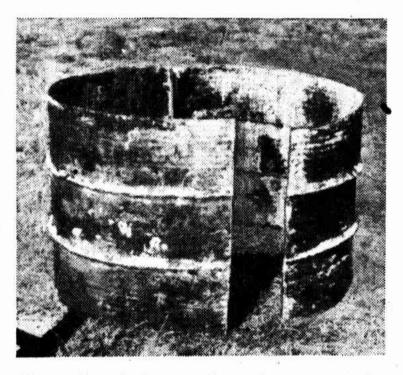
On one side, the sheets were lapped about three inches and drilled to take short bolts. On the inside portions of the other 9-inch lengths of angle iron welded at the tops and bottoms of the two sheets. The angle irons were drilled with corresponding holes so that bolts could be inserted to draw the edges together completing the cylinders.

which contained water. This was shovelled into the chute

Lengths of heavy angle-iron welded to edges of drum to give tight joint.



Drums overlapped about 3in. and short bolts used



The mould made from two drums that was used when lining the well.



The mouth of the well. It is intended to build up the wall above ground level and fit a cover.

in the well supported the end of the chute on his shoulder and directed the mixture into the space between the mould DEAR and the wall, ramming it as it diameter of the cylinder.

could be easily cut away to receive them. The timbers ran FOWLING TROUBLE, Kat
get it.

FOWLING TROUBLE, Kat
yard capacity. If the inquirer has some old superphosphate across the arc of the circle about 8in. from the inner surface and were parallel and have written you a personal letmould when the second layer,

The second layer was mixed property. and poured in a wet state and Incidentally, while they both this only required one day to have no objection to arduous set. Thereafter a layer a day toil, the Ironmongers avoid unwas poured, each layer carry-necessary fatigue when mixing bottom portion of the welling two more jarrah steps as concrete. They constructed a described.

ladder. Apart from labour, the on this, saving many backcost of construction was al-aches.—M.

of concrete was poured and most negligible as the whole were left in position to serve well only took 12 bags of as the rungs of a ladder when cement. Sand, gravel and iron-the well was completed. stone was all available on the

The result was a neatly-finished well with permanent square and do all their mixing

PAINTING

When it was first made we these are for publication or not. The symptoms at once sugthoroughly and repaint it. ing it.

There is a white deposit all You are recommended, thereover the bath caused through grateful.

painting a cement bath to time, and after that at about Clarksons (W.A.) Ltd., of William-street, Perth, and was the safe side. informed that first of all a In New South Wales, the Deblowlamp should be used to partment of Agriculture has burn off all paint and soap redeveloped a serum predisposing sidue that may be on the bath, birds against tick fever. The should be applied; next a coat into the fleshy part of a leg.

couple of days.

again be filled with water after advise you as to its use. this second coat. The water But a good spraying with creo-helps to harden the Dulux, and sote, as advised, should result be ready for use. You could your fowl run.-M.] purchase a rubber mat to put in the bath where the water CLEARING MUDDY flows in, as this will stop the paint wearing.

and slid down to where a man lux you wish to use.-M.]

TICK FEVER

you let me know through remained the colour of milk. was poured. Suitably-sized your Mutual Help columns I had several bags of hard lumps of ironstone were rammed into the space to conserve dying. They seem to go in the having read that superphosconcrete. The first pouring in legs, have a greenish diarrhoea phate in the drinking water the dry state was left for two and their crops seem full When might have a beneficial effect days to set, after which the bolts not full of food they seem to on the stock I emptied two were removed from the angle be puffy and gasping for bags of super in each of my irons and the mould pulled breath. They only last a few three dams. away from the concrete, by days and won't eat anything. Within about a week the drawing the ends inwards and Is there any treatment? I also water in the pipe clay dam had overlapping them to reduce the lost a young goose. Could you cleared so that it looked and let me know through "The felt like good soak water. The Western Mail" as soon as pos-other dams also became Two lengths of 4 x 2 in. sible if there is anything I clearer and have remained so jarrah were then let into the could do as I have ten young ever since. The pipe clay dam concrete which at this stage turkeys and don't want them to was of about a 1,200 cubic

CONCRETE BATH ter to enable you to get on to the job ahead of you, but as you omitted mention of your DEAR Martingale,—We have a cement bath which we have been using for some years. When it was first made we these are for sub-likely and address whether the sub-likely and a

which very soon came off. I gest tick fever, and to get rid would like to know if there is of the fever you must clear out any way in which to clean it the tick infestation that is caus-

the magnesia in the water. If etc., at once with creosote, paythere is any way in which you ing particular attention to could help we would be very cracks and crevices in the woodwork as the tick seek shelter CEMENT BATH, Roebourne. by day in such places. Repeat [I referred your letter on the spraying in a fortnight's

Then a coat of Silversheen serum, which has to be injected of white Dulux and then the sets up a mild attack of the bath filled with water for a disease which confers some degree of immunity against sub-sequent attacks. This serum, The bath should be thoroughly dried, then another coat of whatever finishing colour Dulux you require should be row Linton and Co., Welling-painted on. The bath should ton-street, Perth, who would

after a day or so the bath will in a speedy return of health in

WATER

You would need a pint tin DEAR Martingale,-In the of Silversheen and a pint tin issue of January 4 a Wonof each of the colours of Du-gan Hills reader asked for advice on clearing muddy water to make it suitable for house use. In 1948 I had a dam put down in pipe clay soil Martingale,-Could and when it filled the water

on hand it may be worth a

C.B., Cranbrook.

served as supports for the COUNTRYMAN, February 15, 1951 -- --- Page 7 (The Western Mail Supplement)