

Nonexplosive Oilfield Products

Global Sales & Service



Procedure to Fill a Gravity Bailer System With Soapy Sand

1. Install o-rings on the bailer pins, or, wrap Teflon tape on the pins.
2. Make up the gravity bailer system per std procedure. It should be prepared to the point that it is ready to be filled with cmt slurry and run in the well.
3. Upright the bailer to a vertical orientation. Secure it with a bailer clamp.
4. Determine the dump capacity of the bailer string. Place that amount of water in an empty pail.
5. Pour 4 – 6 fl oz of dish washing detergent into the water. Gently stir the water. Avoid creating excessive soap bubbles.
6. Fill the bailer with the soapy water.
7. Place 3 gallons of water in the empty pail. Pour 6 - 8 fl oz of dish washing detergent in the water.
8. Pour 1 gallon of 20/40 mesh re-sieved gravel pack sand into the soapy water. Gently stir the sand to insure it is thoroughly wetted with the soapy water.
9. Repeat Step #8 two more times.
10. Using a large funnel or a 6 – 16 fl oz scoop, pour the soapy wetted sand into the Top Fill Window Sub so that the sand falls toward the bottom of the bailer. The sand will displace the soapy water already in the bailer, i.e., water will flow out of the top fill window sub of the bailer.
11. Continue repeating step #10 until the top of sand in the bailer is within 1 ft of the bottom of the Top Fill Window Sub.
12. If the bailer is not filled with sand, repeat Steps #7 thru #11 (with appropriate adjustment of the amount of sand added to the pail in Step #8) until the top of sand in the bailer is within 1 ft of the bottom of the Top Fill Window Sub.

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