



TS68

Revision Number: 1
Prepared by: M. Tollini
Effective Date: 10/23/2015
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1. GENERAL INFORMATION

- This tank is used as a primary sump under shakers.
- The total volume is 68 BBL (2,850 gal)

Dimensions: **12' L x 8'6" W x 5' H**

Weight: 6,000 LBS

2. DESCRIPTION

2.1. TECHNICAL DATA

2.1.1. Manway

One 24 ½" manway hatch for access

2.1.2. One 10" steel manifold

- Bolts to the back of each Mongoose shaker with one single entry in 10" schedule 80 PVC for drilling flow line entry.
- Single 6" steel Victaulic pipe that runs down the middle in between both shakers that is typically used as a bypass line for cement jobs that redirect fluid to solids bin in front of shakers. This steel pipe is secured down to tank by means of two pipe clamps.

2.1.3. Access

The tank currently has no access to get on tank. Tank does come with a small landing platform that mounts to the back end between both shakers to allow access to the 10" manifold valves and for starting & stopping shakers.

2.1.4. Access 2

- Walkway that runs down the middle of both shakers above the 6" cement bypass line is for accessing the shakers from the inside for changing out screens, service, repairs, etc. This walkway mounts to tank by means of square tubing pockets that can be easily removed. Walkway measurements are 92" x 13.5" x 11".

2.1.5. Pumps

- Tank typically work in conjunction with (2) standalone 6x5x11 pumps with 50hp motors that turn on & off depending on the level of the tank. Pumps work in conjunction with (3) Murphy float switches that are installed on the inside wall of tank that command the pumps to automatically turn on or off when the fluid levels change.

2.1.6. Electrical

- Electrical includes one separate disconnect Adalet box with a 30-amp 3-phase breaker inside box cat #EHD3030.
- Explosion proof Adalet box contains commands for the (2) standalone pump. Included in box are delay timers, 480v to 120v transformer, 3 pole lugs, etc. It has (1) sounding alarms if tank should reach a level that could cause fluids to spill



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over.

- Two 30-amp Crouse Hinds receptacles installed to the side of the electrical box on the tank that work in conjunction with the two standalone pumps.

2.1.7. Miscellaneous

- Forklift pockets
- One (1) 6" suction to empty/transfer from tank
- Two (2) 3" cleanout connections
- One (1) 8" connection

