



# The SANDard Times

Issue 3

## Our Product Line

### Tubing Screens

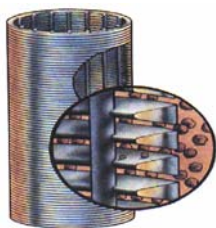
- 2-3/8 x 8' 12 slot
- 2-3/8 x 22' 15 slot
- 2-7/8 x 8' 12 slot
- 2-7/8 x 22' 15 slot
- 2-7/8 X 8' 20 slot

### Pump Screens

- 3/4 x 8' 12 slot
- 1"x 2' 50 slot
- 1" x 3' 12, 18 & 25 slot
- 1" x 6' 12 & 18 slot
- 1" x 8' 12 & 18 slot
- 1-1/4" x 2' 50 slot
- 1-1/4" x 3' 12,18 & 25 slot
- 1-1/4" x 6' 12 & 18 slot
- 1-1/4" x 8' 12 & 18 slot
- 1-1/2 x 8' 12 slot

### The Ultimate Strainer

- 1 x 12" 50 slot
- 1-1/4 x 12" 50 slot



## Failure Is Our Greatest Teacher

Failure IS our greatest teacher! The first screen that we ran, approximately 11 years ago was probably our biggest failure. This particular well had a reputation for having lots of paraffin, asphaltens and sand, it was a new drill. We took samples of the well and felt that we had all the information we needed. We ran a 1"x3', what we refer to as a "12 slot screen". We felt very confident that we had made the right decision. The screen had a 2 hour run before it was entirely plugged off.

This failure was very disappointing to us, however we did learn a great deal from this experience. The first thing was that we need to learn how to size a screen. **Length should be determined by solid volume not liquid volume.** The slot size is determined by the size of the solids and whether there are as-

phalteens or paraffin. Since this well had a lot of asphaltens and paraffin we opened the slot size up from a 12 slot to 50 slot. The actual slot size represents thousands of an inch between the Vee wires, The 50 slot is not designed to keep any frac sand out at all. It is primarily designed to be a filter between a sand screen and a strainer nipple. We ran this in the hole, and felt like we got the pump some additional protection over a conventional strainer nipple and had much greater run life than the original 12 slot sand screen. The well was eventually pulled due to abrasion in the pump. When the sand screen was pulled there was no evidence of plugging.

Upon evaluating this we decided to tighten up the gap a little and

go with a little longer length. This eventually led to the introduction of 1"x8' 18 slot. This is roughly 3 times the length of the first screen with approximately 35% greater openings. This screen is one of our most popular sizes.

Since that experience we learned the following:

1. Length should be determined by solid volume, not liquid volume.
2. A huge appreciation for finding a End User that would give us the opportunity to fail and to try different filters.
3. That the Vee wire screen holds a great potential to be adapted to almost any filtration need.
4. Ultimately Failure IS our greatest Teacher!

# Odessa Separator, Inc

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**Your Source for Sand Screen Needs**

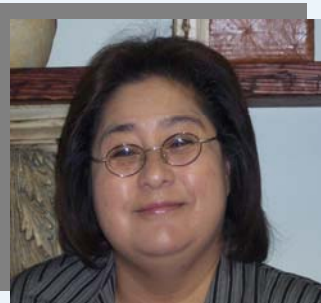


## Lunch & Learn



Bert Frost founded Odessa Separator over 10 years ago. Bert handles all technical sales and information. Bert is a very knowledgeable person in down-hole filtration. He specializes in

"below the seating nipple issues." Feel free to call him with any technical questions you have.



Amelia Sailors is in charge of the accounting at Odessa Separator. She is OSI's first and best secretary!

Feel free to say hi to her next time you call Odessa Separator.

**Odessa Separator would be happy to come to your establishment and host a Lunch & Learn Demo. We will provide the food while you watch a 15-20 minute demonstration on the flexibility of our product line and how our product can benefit you and you're customers. This is a great time to have any technical questions answered. If interested please call or E-mail us at Odessa Separator.**

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