

# ESP SAND LIFT

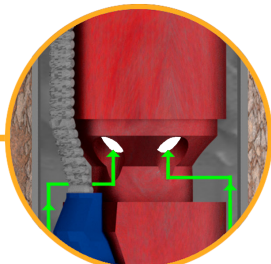
Patent No.: US 9,441,435 10,132,151 10,132,152 10,584,571

Odessa Separator's ESP SAND LIFT provides extended ESP run times through improved downhole sand management.

It is installed above the ESP discharge, where, upon start-up, sand-breaker uses differential pressure to push fluid and entrained solids through tubular ports in one flow path, to the surface.



Internal View



Intake ESP

**Provides significantly longer ESP run times**

## BENEFITS

- Prevent workovers due to sand failures.
- Extends run times by regulating the rate of falling sand.
- Backflush operations are carried out easily.
- Housing is highly sand-resistant.

Use your device by scanning the QR code



VIDEO

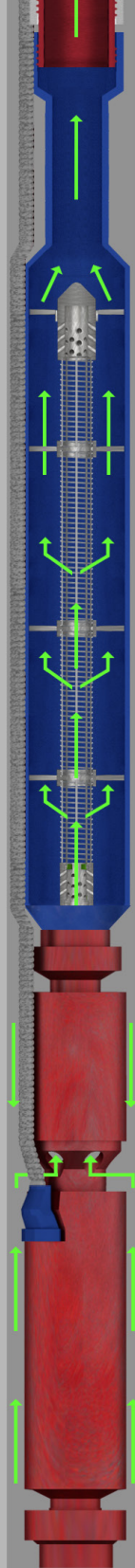


AUGMENTED REALITY

| Description | Lifting Neck OD (in) | Body OD (in) | Connection Top | Connection Bottom | Capacity of the Cavity (in <sup>3</sup> ) | Total Open Area (in <sup>2</sup> ) |
|-------------|----------------------|--------------|----------------|-------------------|---|------------------------------------|
| Series 350  | 2-7/8                | 3.5          | 2-7/8" EUE Box | 2-7/8" EUE Pin    | 1453.6                                    | 293.6                              |
| Series 400  | 2-7/8                | 4            | 2-7/8" EUE Box | 2-7/8" EUE Pin    | 2060.5                                    | 293.6                              |
| Series 450  | 2-7/8                | 4.5          | 2-7/8" EUE Box | 2-7/8" EUE Pin    | 2773.1                                    | 293.6                              |
| Series 550  | 3-1/2                | 5.5          | 3-1/2" EUE Box | 3-1/2" EUE Pin    | 4454.4                                    | 368.8                              |

HOW IT WORKS

FLUID



# How it works?



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