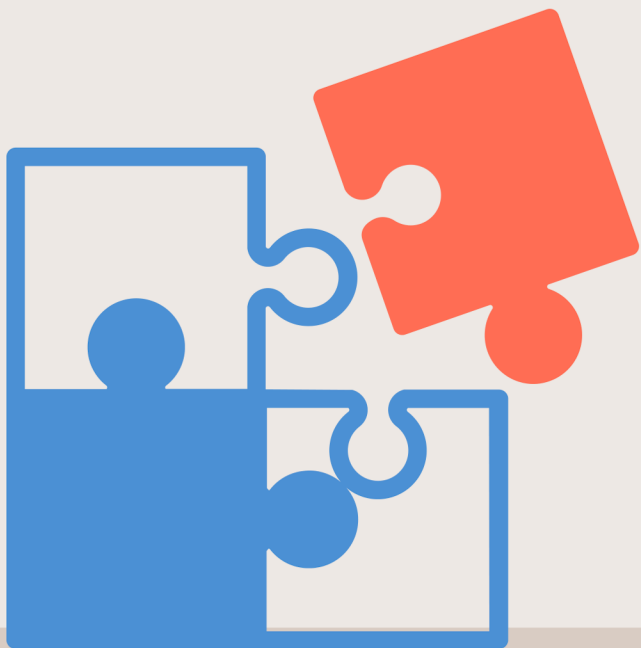




# JUGGLER

**COMBINED FLUIDIZER AND  
UPHOLE BAILER.**



PREPARED BY

**Anvey Petroleum  
Engineering**

**Where innovation  
meets operations**



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# JUGGLER TOOL

## Key-Features

1. Provides an effective and efficient method of recovering loose sand and debris from within the well bore.
2. Ball type check valve assemblies available.
3. Extension tubes available for enhancing volumetric displacements and associated clean-ups.
4. Barrel capacity of lifting in one stroke is 13liter/Stroke to 26 liters/minute. This means either 1/2 or a full joint 2 7/8: 6.5 lbs/ft EUE work-over string.
5. The HCU ensure even hard tags dissolve in ambient fluid which renders them easily removable. Churn the solid tags and lift them in single run. Make as many churns as required.

## Specification

### Casing Size: 5.1/2", 14-17#ppf

- o Tool Max OD: 4.75"
- o Length : 400"(Adjustable)
- o Working Pressure : 10000 Psi
- o Temp. rating : 200 deg C

### Casing Size: 7", 20-26#ppf

- o Tool Max OD: 6"
- o Length : 400"(Adjustable)
- o Working Pressure : 10000 Psi
- o Temp. rating : 200 deg C



## INTRODUCTION

Anvey's proprietary juggler offers a method to clean out sand and debris from the wellbore or casing without loading the hole .

Anvey's Juggler is run on tubing & drill pipe. The tool assembly consist of ball & seat system for discharging the sand into the tubing.

This tool has special feature having two mechanism churning and reciprocating. By churning we make the sand in suspension form & reciprocating motion is for discharging sand from chamber to the tubing.

## APPLICATIONS

- 1 Deviated well
- 2 Vertical well
3. Shallow wells
4. Horizontal Wells

## BENEFITS

1

Slim compact design makes juggler suitable for deviated well.

2

Juggler can perform two operation simultaneously churning of sand as well as loading of sand by reciprocating.

3

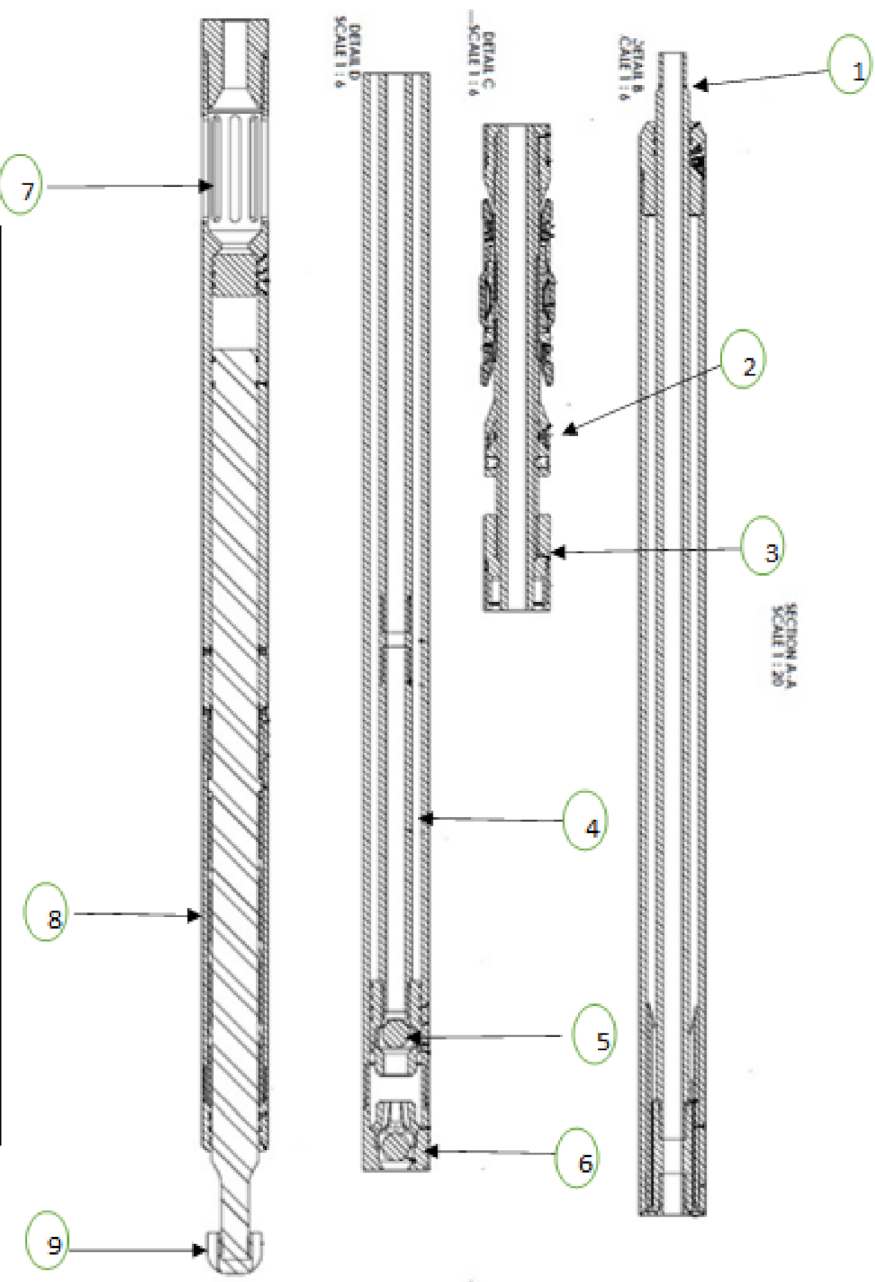
There is two mechanism in a single tool make it different from normal sand bailer tool

4

Reduce workover cost

# Cross-section Schematic

Sr. No.	Description
1	Stroke Toggler
2	Hanging Assembly
3	Unloading Chamber
4	Standing valve Housing
5	Travelling valve
6	Standing valve
7	Perforated housing
8	Churning Assembly
9	Bit



# JUGGLER ISOMETRIC

