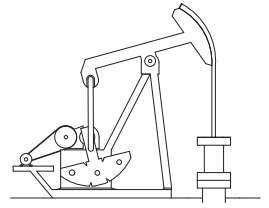




**REYNOLDS**  
LIFT TECHNOLOGIES

# SiO<sub>2</sub> Slayer™



**ULTIMATE ROD PUMP SAND AND SOLID SEPARATING SOLUTION**

## Features

- Patented separation technology
- One size fits all flow range
- Short overall length promotes quick and safe field installations
- Stainless steel – hardened internal components
- Premium components allow simple refurbishments
- QPQ corrosion resistant coating treatment
- Vortex solids separating action never impinges against the housing for worry free operation

## Technical Specifications



Tool Size  
**4.00"**



Casing Size  
**5-1/2" or 7"**

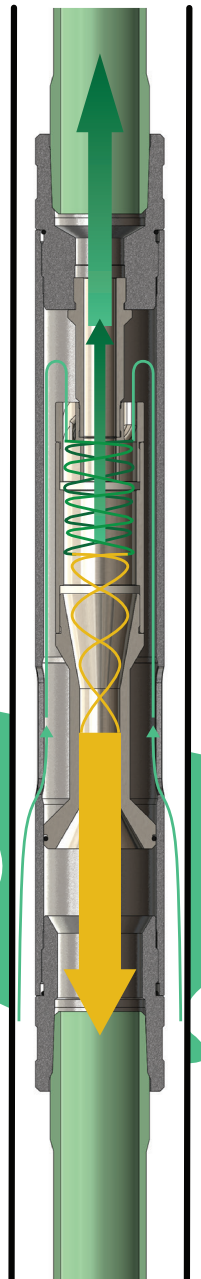


Flow Rates  
**> 1,000 BPD**

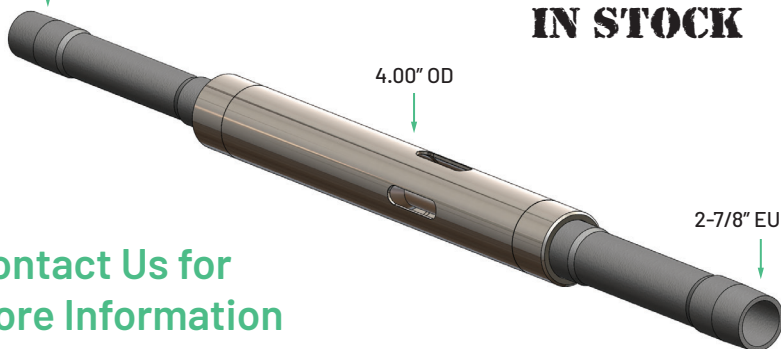
- Separating efficiencies tested up to 85%
- Minimal pressure drop across tool throughout flow range



**"NO MORE  
FISHING FOR  
LOST TAILPIPE"**



2-7/8" EUE Pin



**ALWAYS  
IN STOCK**

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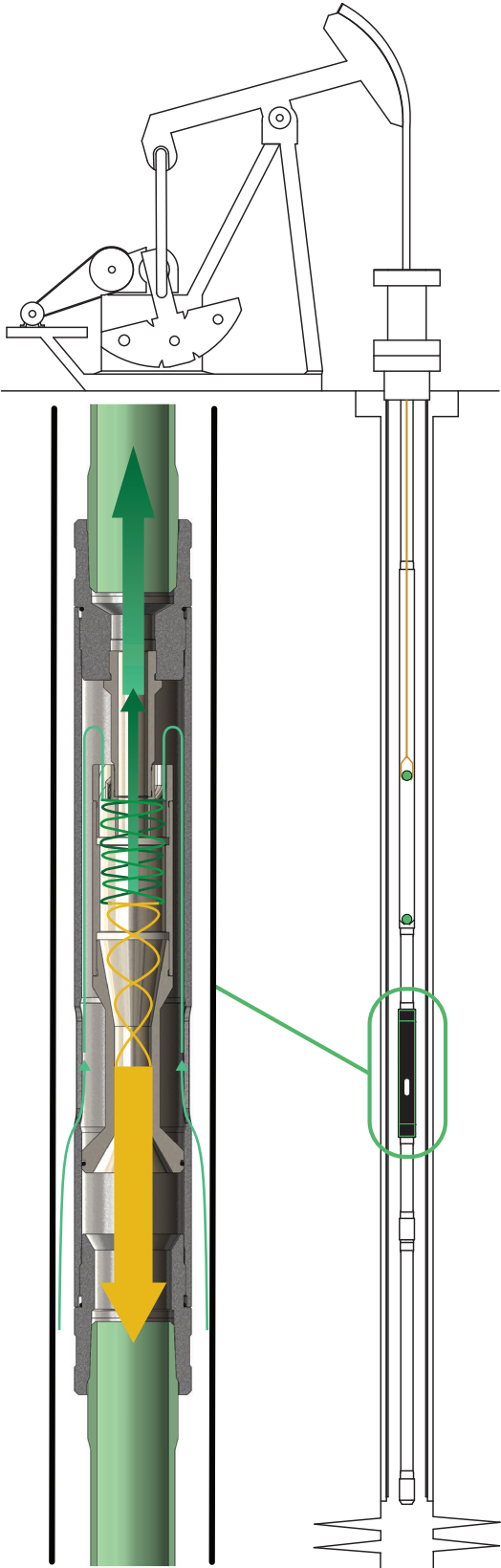


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## APPLICATION STUDY

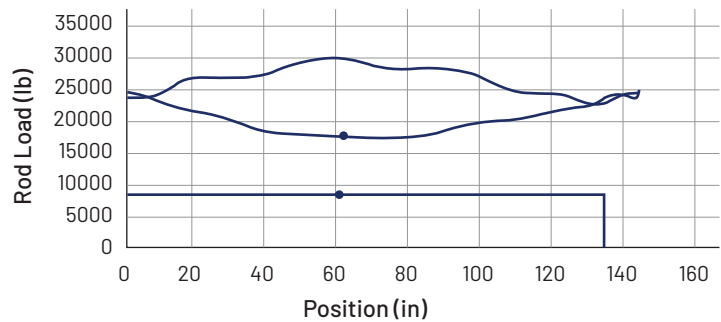
Sand Slayer Application | Rod Pump Example

8,000 ft., 144" stroke, 1-3/4" Pump | Production: 300 bpd



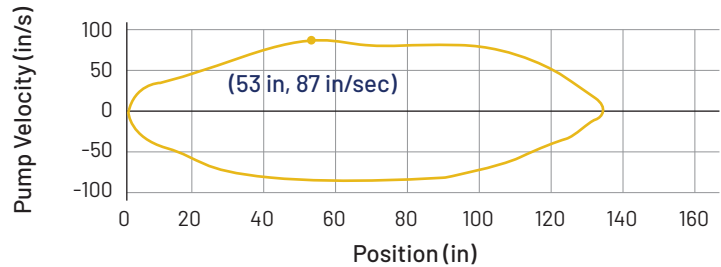
## Pump Velocity and Flow Rate

DYNAMOMETER CARDS



PPRL	32,514.8 lb	MPRL	13,454.3 lb	Fo	8,151.5 lb
Pump Stroke Length	13.52 in	Static Stretch	49.9 in	Overtravel	36.51 in
Fo/Skr	0.326	Kr	173 lb/in	Kt	559 lb/in

PUMP VELOCITY VS. POSITION



## Benefits

- Pump velocity peaks at 87 in/sec or 1,850 bpd instantaneous flow rate
- Sand Slayer's broad operating range enables efficient separation across these wide ranging flow rates