



# **WELL MASTER**

*Produce more. Spend less.*

## **Well Master Product Offering**



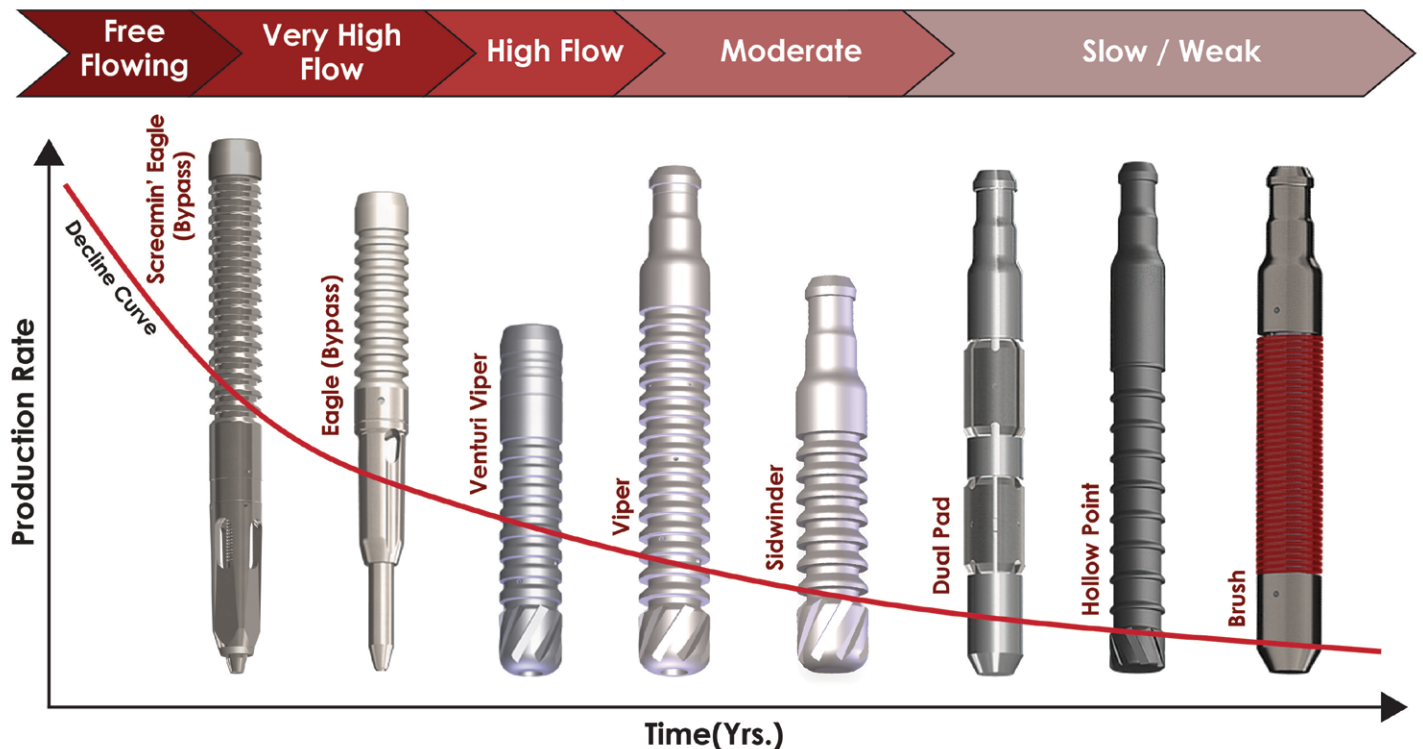
# Introduction to Well Master

**Well Master Corporation** was founded in Denver, Colorado in 1984 with mission to enhance gas well production and to provide oil and gas producers and operators practical means to maximize well efficiency and extend well life.

Today, Well Master provides a range of proven products and solutions designed to optimize gas well operations. Our ongoing research and development efforts bring new technologies and applications to improve well performance. Our products are superior because we partner with those who know best about what works – the lease operators and owners themselves.

Well Master does things differently than the typical “trial and error” tool selection approach typically seen in plunger lift optimization. Our applications engineering team helps operators manage each well “as a business” by maximizing production as well as reducing your LOE. Our extensive well analysis inputs well conditions and produces curves showing important flow characteristics. This information is further combined with our proprietary plunger characterization database, providing tailored plunger and equipment recommendations, operation recommendations, and post installation review recommendations.

Well Master plungers and engineering expertise translate into higher levels of productivity and less downtime. The total cost of ownership is less than any other brand of plunger lift available today.



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# Produce More. Spend Less.

At Well Master, we believe in helping our customers get everything they can out of their wells while minimizing their LOE. We work hard every day to find new ways to optimize your returns while minimizing the lifetime cost of operating a well by focusing on three specific areas:

## ***Innovative Designs with Extended Life***

Our in-house R & D department is constantly working with customers to co-design superior products that last. We provide a variety of plungers with different specification options for multiple applications to meet your needs. With our unique metallurgy heat-treating process and our Dynamic Seal™ technology, our plungers are **built to last 2-3 times longer** to maximize time between change-outs and minimize downtime.

## ***Superior Customer Service***

Our people are there for our customers. We have representatives all over the country to **serve your needs locally** and help get your plunger lift working perfectly. With our guidance, we can make sure we get you the right product to keep your well producing at its optimal rate. We have **local distribution centers** and even an Amazon store to get you your product when you need it.

## ***Well-Optimization Services***

"Learn One. Teach One. Do One." Well Master trains your employees in everything **from basic fundamentals in the classroom to the development of best practices** for your company. As part of our **well-optimization services**, our engineers even come to you to analyze your wells and show you how to apply classroom basics to real life situations. At the end of our services, we **help you form best practices** for your company, allowing you to teach future employees how to get the most from each well.

Well Master can make a difference in how your wells function over their lifetime, **minimizing overall costs while maximizing production**. We put your feedback to use to provide the best products for you. Let us show you how Well Master does business differently.

**Contact Well Master today to find out how we can help you**

**Produce More. Spend Less.**

Well Master introduces Dynamic Seal™ technology. Traditionally, plunger lift has been used in vertical oil and gas well production. However, today's operators need an all-inclusive solution including directional and horizontal wells. Well Master's Dynamic Seal™ technology was developed as a solution for directional and horizontal wells without giving up on performance.

## **Plunger Rib and Groove Design**

The design represents a circular airfoil whereby gas attempting to bypass the plunger between the plunger OD and the ID of the tubing wall is drawn into each groove. As this occurs, the gas being drawn into the groove accelerates and is sprayed from under the next rib against the tubing wall creating a high degree of turbulence (high Reynolds number). This scours the tubing wall of liquid and keeps the liquid pushed up and on top of the plunger.

## **Compression Seal**

As the bypassing gas migrates up toward the fishing neck on the plunger, the groove roots become more and more shallow. This allows for the compression of the gas between the groove root and the tubing wall which has the effect of tightening the seal.

The Dynamic Seal™ effect causes the plunger to ride in a cushion of gas helping to reduce wear which increases plunger longevity. Lease Operators have coined the design the "quiet" plunger.

## **Tangential Holes**

The tangential holes in the body of the plunger act as a pressure washer scouring the tubing wall with gas to further enhance the turbulent gas seal. These jets induce a rotation on the plunger keeping the wear even throughout, eliminating flat wear spots on the plunger from tubing deviations or through the heel on horizontal wells.

## **Fluted Bottom**

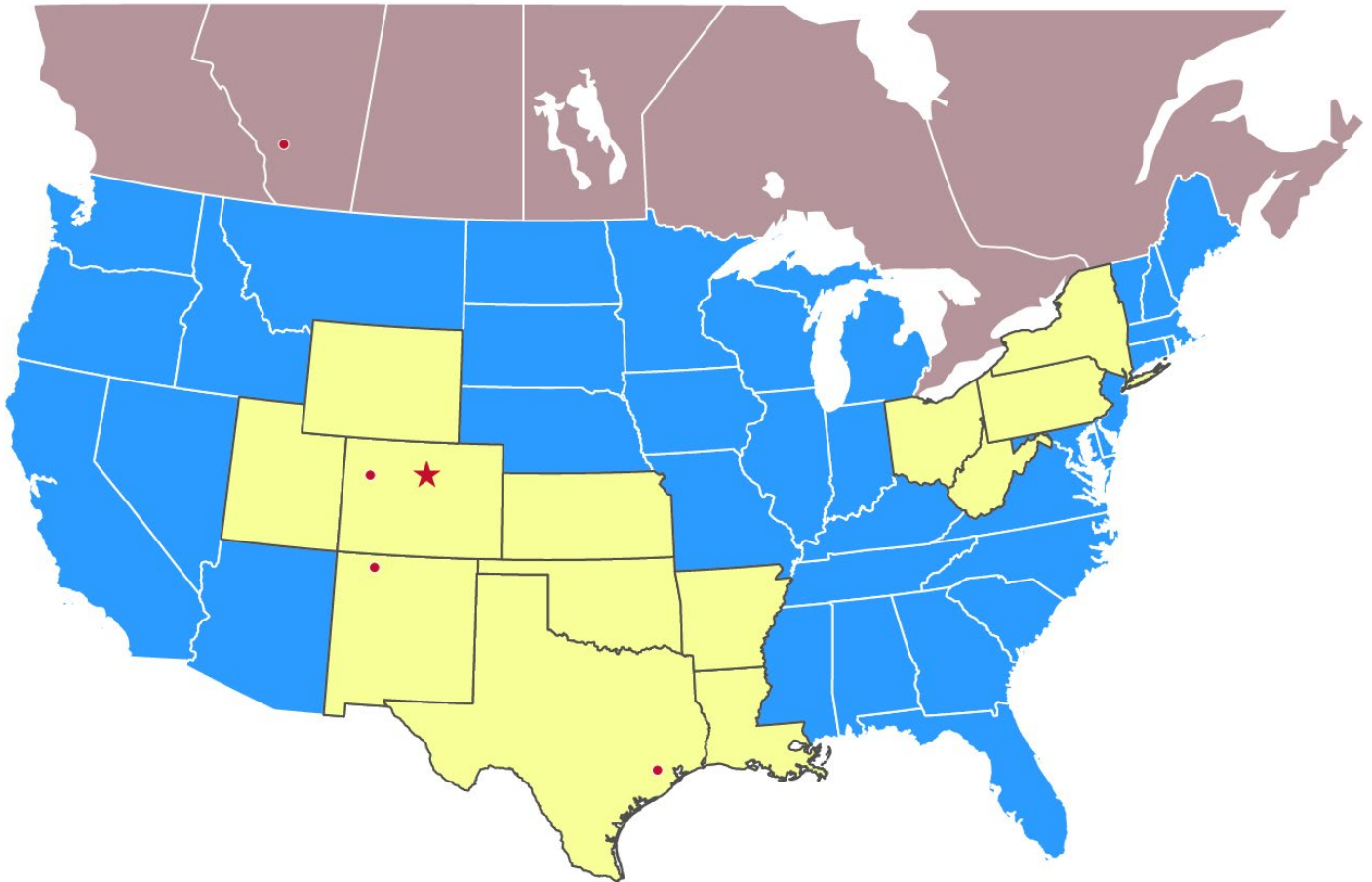
The fluted bottom of the plunger further adds to the unique rotation of the plunger particularly during its fall. The sharp edges of the flutes are used to control paraffin, scale, and salt.

The Dynamic Seal™ plunger is well suited in pad drill deviated wells and horizontal wells since the fluid load is not lost during plunger rise in the inclined portions of the tubing. Many operators have experienced this effect and thus prefer this plunger.



## Superior Customer Service

At Well Master, we value our customers. We combine our innovative products with an amazing team of people to find solutions that work best for your needs. Our employees understand oil and gas production and will work with you to find the best plunger for your well. Best of all, Well Master has representatives all over the country to make sure we can be there when you need us.



Our local sales representatives will work with your company to decide how to get you the products that you need. We have a variety of delivery options to match how our customers operate. Well Master has distribution centers throughout our service areas to quickly respond to demand.

If you need guidance in getting your plunger system started, our people can help. If there are any issues that arise in the field, we are just a phone call away.

***Visit [www.wellmaster.com](http://www.wellmaster.com) to find your local Well Master representative today or contact our Corporate Office at (303) 980-0254 to learn more.***

# Well Master Training and Well-Optimization Programs

Well Master invites you to apply to participate in a production-focused training series that gets results. From major multinationals to small independents, successful producing companies are focusing on getting more from the asset base. Our industry-tested program has been adopted by numerous gas producers of all sizes and achieves outstanding results. Using the theme “Every Well is a Business”, we help producers go beyond simple cost-cutting as a way to boost net revenue. Well Master works with you to fuse classroom instruction with field performance, leading to the creation of best practices. Well Master brings our services to you so your training dollars become more effective. The results will reward your effort with increased revenue— often in millions of dollars!

## Learn it!

### Fundamentals of Gas-Driven Well Optimization

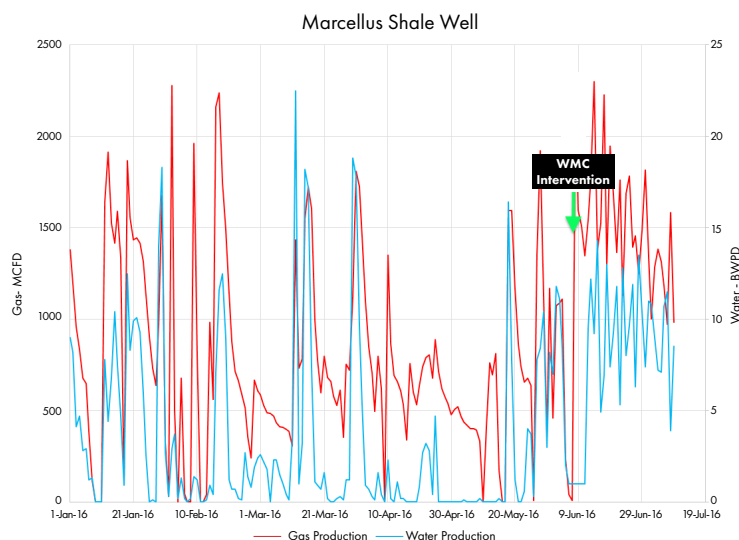
Well Master’s program starts with a 5-hour Fundamentals class designed for everyone. This unique training teaches the participants little-known basic fundamentals of gas-driven wells. We examine simple “guidelines” and “rules of thumb” which we explain or debunk. Students learn to “see” downhole and understand the implications of their observations on production. We have taught this material to field operators up to senior management, and it has provided noticeable changes in well production.



## Do it!

### Well Optimization Training

This hands-on program is designed to cement the concepts of the Fundamentals class into daily routines. One of the biggest gaps in training effectiveness is the lack of direct instruction with relevant applications. Well Master addresses this shortcoming by facilitating a selection of a target group of 10+ wells and providing a detailed evaluation of each well. We advise on tool selection and operating parameters, and follow up with bi-weekly checkups in person or via audio/video conference. The repeated use of principles learned in the classroom allows the participants to see tangible effects, discuss their observations, and reinforce the concepts.



\* Actual Results

## Teach it!

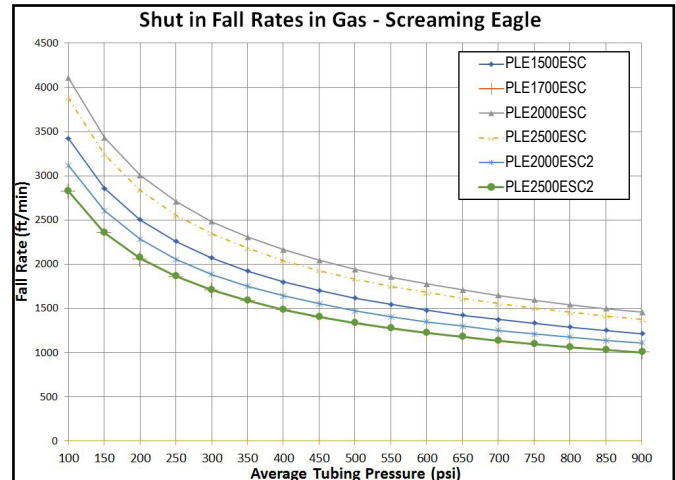
### Best Practices Development

The third phase is perhaps the most important of all. The lessons learned in the first two stages are used to help the producer create specific best practices and procedures that are tailor-made for each asset and well type they may encounter. The operations team gets to build a set of enduring guidelines to instruct how best to operate the asset. By encouraging collaboration from the entire operating team, best practices will be endorsed and implemented throughout the asset, leading towards maximized asset value.



# Continuous Run Plungers for Fast Flowing or High Gas to Liquid Ratio Wells

Increase the efficiency, productivity, and longevity of your fast flowing wells with high gas or liquid volumes, wells in the initial stages of liquid loading, or in conjunction with gas lift. The clutched and non-clutched bypasses allow for use in multiple applications and flow regimes. Built to last, these plungers provide optimal deliquification with high flow rates.



PLE2000ESC

## The Screamin' Eagle™ Bypass Plunger CLUTCHED CONTINUOUS RUN BYPASS PLUNGER

### APPLICATIONS

- Wells in the initial stages of liquid loading
- Deep, fast flowing wells with high gas or liquid volumes
- Ideal for deviated and horizontal wells
- High producing gas injected wells
- Wells moving 150+ BBLS/day

### FEATURES AND BENEFITS

- **Robust High Strength Alloy** clutch spring design prevents premature valve actuation
- Enclosed spring **provides extra protection** for moving parts
- Designed for high cycle rates for **optimal deliquification**
- Clutched and non-clutched versions for multiple applications
- Fall-against-flow rate **rivals ball and sleeve designs**
- Valve closes on contact with bottom spring assembly
- Bypass design **features 2 or 4 large ports** for efficient fall time



PLS2000SVBP

## The Eagle™ Bypass Plunger CONTINUOUS RUN BYPASS PLUNGER

### APPLICATIONS

- Flowing wells with high gas or liquid volumes
- Ideal for wells with high production rates
- Designed for strong wells that recover casing pressure quickly
- Wells in the initial stages of liquid loading

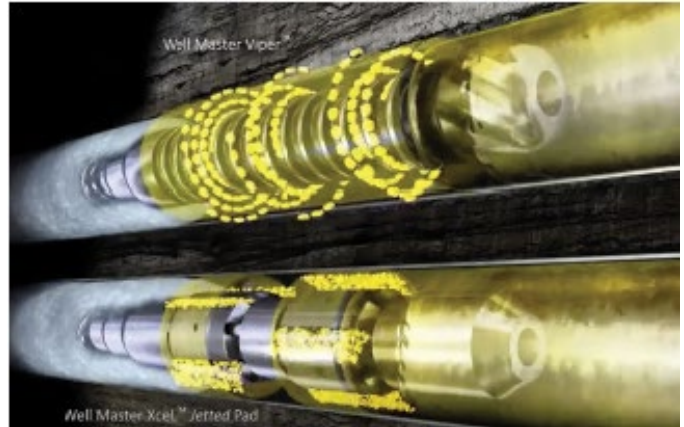
### FEATURES AND BENEFITS

- **Optimum deliquification** with high cycle rates unloads stronger wells
- Stainless Steel (treated to an H1150M condition) cage & valve for **high durability**
- **Falls** against gas flow velocities of up to 50 ft. per second
- Long travel valve design minimizes premature valve closure in slug flow
- **Minimal or no off time** at the surface
- Valve closes on contact with bottom spring assembly



# Jetted Technology for Horizontal, Deviated, and S-Shaped Wells

Traditionally, plunger lift was designed for vertical well applications. Times have changed and today's operators need a plunger lift solution that optimizes production in deviated or horizontal wells. Well Master's patented Jetted technologies have revolutionized the plunger lift industry to enhance deviated well performance with exterior connecting holes directing turbulent gas to tubing wall, enhancing seal, reducing wear, and minimizing fluid fall back.



## The Venturi Viper™ Plunger BREAKTHROUGH INNOVATION

### APPLICATIONS

- **Patented Innovative design** bridges gap between continuous and conventional run plungers
- Dynamic Seal™ provides an ideal solution for **horizontal and directional wells**
- **Proven** in a wide range of wells from low to high rates
- Very effective in **Low Gas-Liquid Ratio (GLR)** wells

### FEATURES AND BENEFITS

- **Fast fall** and efficient lift with **no moving parts**
- Behaves like a **traveling gas lift valve**
- **Supersonic** gas flow through venturi lightens liquid load
- **Spin-Cleaning flutes** work on cutting debris during plunger fall and upstroke
- Variable groove depth and spin turbulence **increases sealing efficiency**
- Hardened steel plated with electroless nickel for **extended life**



PLS2000SV...



PLS2000MV PLS2000S

## The Viper™ Plunger HIGH PERFORMANCE, ALL-PURPOSE EXTENDED LIFE PLUNGER

### APPLICATIONS

- Well suited for a variety of applications including **horizontal and directional wells**
- Helps eliminate **sand, paraffin and coal fines**

### FEATURES AND BENEFITS

- Patented **Dynamic Seal™** technology with variable groove depth and spin turbulence increasing sealing efficiency
- **Spin-Cleaning flutes** work on cutting debris during plunger fall and upstroke
- Uniquely crafted from hardened steel and plated with electroless nickel providing **superior durability**
- **Consistent** run times help fine tune wells on automation

## The Xcel™ Jetted Dual & Single Pads HIGH PERFORMANCE , EXTENDED LIFE PAD PLUNGER

### APPLICATIONS

- Proprietary innovation for wells that need enhanced seal and lift
- Designed for marginal wells and wells with low Gas-Liquid Ratio (GLR)
- Ideal for wells with tight spots and downhole restrictions
- Used where standard pad plungers experience high wear
- Perfect for horizontal and directional wells

### FEATURES AND BENEFITS

- **Innovative Jetted Ports:**
  - Provides additional mechanical seal
  - Eliminates fluid seepage under pads
- Machined tool steel pads for **precision mechanical seal**
- Standard design uses hardened tool steel and is plated for **extended life**
- **Pad wear indicators** at .015" and .030"
- Highly **articulated pads** allow for up to 49 degrees/100 ft. dogleg severity
- **Efficiently** runs through profile nipples and tight spots
- Stress relieved fishing neck **adds strength**



PLPA2000JP PLPA2000JS

# Solutions for Excess Sand, Paraffin, or Scale

Most gas or oil well operators experience some form of paraffin, corrosion, or scale issues the first day of production. Operators have found success in using plungers as a low cost solution for clearing the tubing of obstruction. Well Master designs plungers with ribs and designed to scrape the sides of the tubing and are designed to work well with solids.



PLS2000SWL PLS2000SW

## The Sidewinder and Sidewinder Long Solid Plungers DURABLE, LOW MAINTENANCE, ECONOMICAL SOLID PLUNGER

### APPLICATIONS

- Effective against **paraffin, salt and scale producing wells**
- Used in **high liquid producing wells**

### FEATURES AND BENEFITS

- **Spin-cleaning** flutes work on cutting debris during plunger downstroke, extending the life of the plunger and reducing wear
- Variable groove depth and spin turbulence **increases sealing efficiency**
- Hardened solid plunger with grooves designed to remove liquids in wells with moderate to high gas volumes
- Uniquely crafted from hardened steel and plated with electroless nickel providing **superior durability**



PLS2000CO

## The Cleanout Plunger THE WORKHORSE FOR WELL CLEANUP

### APPLICATIONS

- Ideal for wells that produce sand, paraffin, and coal fines or wells with tight spots.

### FEATURES AND BENEFITS

- Spin-cleaning flutes work on **cutting debris**
- **One piece, solid design** makes plunger durable and economical
- Wide and deep grooves help **move large amounts of solids** while trapping gas to maximize seal
- Undersized O.D. and slightly shorter length to enable the plunger to **pass thru tight spots** or slight bends
- Uniquely crafted from hardened steel and zinc plated for **superior durability**



DHS2000SM

## The ShearMaster™ FLOATING DOWNHOLE STOP AND "SCALE BUSTER"

### APPLICATIONS

- Excellent **paraffin and scale control**
- Used in **high liquid producing wells** in place of bottom hole spring assembly

### FEATURES AND BENEFITS

- No setting required
- Square bottom acts as a No-Go
- Easily retrieved with a fishing plunger
- **Cleaning action** works as the tool cycles in lower tubing
- Commonly used in combination with a Viper Plunger as a "scale buster" to remove scale above the downhole spring
- **Often eliminate acid jobs**
- Hardened steel plated with electroless nickel for **extended life**
- Reverse flutes **eliminate spin** while providing an effective shear mixing chamber
- Large open area of flutes and hollow core **minimize travel** during flow cycle

# High Efficiency Sealing Plungers for Low Flowing and Marginal Wells

These durable plungers are designed for wells with low gas-to-liquid ratios or wells that are nearing the end of their lifecycle. With their high-efficiency sealing capabilities, they provide optimal deliquification for marginal wells with low pressure. Our plungers are long-lasting, staying downhole during longer shut-in times as gas pressure builds, maximizing production to the end.



PLPA2000AXL PLPA2000AS

## Xcel™ Dual and Single Pad Plungers EXTENDED LIFE, DUAL PAD PLUNGER

### APPLICATIONS

- Designed for marginal wells and wells with low Gas-Liquid Ratio (GLR)
- Ideal for wells with tight spots and downhole restrictions
- Used where standard pad plungers experience high wear
- Designed to run through an x-nipple

### FEATURES AND BENEFITS

- Machined tool steel pads for **precision mechanical seal**
- **Lower lifting costs** with high performance and longer wear life
- **Co-designed** by skilled and experienced Field Operators
- Standard design uses hardened tool steel and is plated for **extended life**
- **Pad wear indicators** at .015" and .030"
- Highly **articulated pads** allow for up to 49 degrees/100 ft. dogleg severity
- **Efficiently** runs through profile nipples and tight spots
- Stress relieved fishing neck **adds strength**



PLS2000H PLS2500H

## Hollow Point™ Plungers LIGHTWEIGHT ECONOMICAL PLUNGER

### APPLICATIONS

- Designed for marginal wells
- Effective in **paraffin, salt and scale producing wells**
- Ideal for **pressure sensitive wells**

### FEATURES AND BENEFITS

- **Spin-cleaning flutes** work on cutting debris during plunger downstroke, extending the life of the plunger and reducing wear
- **Hardened hollow plunger** with grooves designed to remove liquids in wells with low to moderate gas volumes
- Uniquely crafted from hardened steel providing **superior durability**, extending the time between replacements, increasing your wells' profits and productivity
- **Weld free design** eliminates associated stress cracking and failure



PLB2000R

## Brush Plunger SUPERIOR SEALING & SWEEPING TOOL

### APPLICATIONS

- Deliquification of very marginal or low pressure wells
- Wells that require superior seal efficiency
- Wells that produce sand, salt, and/or coal fines
- Wells with tubing irregularities
- Wells with coated tubing strings

### FEATURES AND BENEFITS

- Provide **exceptional seal** efficiency
- **Sweeps off sand, salt, and coal fines** that adhere along the inside diameter of the tubing wall
- Designed with **high heat, temperature resistant, nylon bristles** for extended life and performance
- Designed with **flexible, nylon brush material** allowing solids to pass while traveling in tubing
- Assembly **joints secured with Loc-tite** and reinforced with spring pins
- **Robust fishing neck** for added strength

# Premium Lubricators

Surface equipment is vital part of your plunger lift system, providing protection for your plunger and directing the flow of fluids and gas. Our lubricators are available in a variety of configurations to best fit every well and plunger configuration.

## The 5000 psi (5K) Unibody™ Lubricator WELD-FREE, ONE PIECE LUBRICATOR BODY

### APPLICATIONS

- Ideal for **higher pressure oil & gas wells**
- Standard & cold weather/corrosive applications
- **Interchangeable** with most lubricator installs

### FEATURES AND BENEFITS

- Meets API 6A wellhead specifications and spacing ensuring proper alignment and mechanical integrity **improving operational efficiency and safety**
- **Manufactured from one large billet of steel** eliminating all operational welds (handles are welded to bowen nut)
- Body constructed of SAE 4140 alloy for cold temperature applications
- Robust, **CNC machined catcher mount port** for catcher position accuracy
- Heavy Duty, e-nickel plated catcher for extended life and corrosion resistance
- Functional longevity and reliability of catcher with Parbak back-up rings in critical areas (pre-greased at the factory)
- **Additional material/wall thickness** for dual outlet ports
- Ported outlets to facilitate running ball and sleeve plungers
- Heavy Duty Bowen Top has a 1/2" NPT threaded hole for:
  - Hydrostatic testing while on well head
  - Chemical injection
  - Lifting hook
- Heavy Duty Bowen Nut with welded handles for ease of tightening and/or removal
- **Optional anvil/puck** to support two piece plunger separating rods
- **Two 1/2" tie in ports on side** for chemical tie ins or extra bleed
- Unique slots designed to allow **sensors to be mounted at the lowest entry point on lubricator**
- Chemically washed to prevent corrosion and **powder coated for a high quality finish**
- **Serial tag for traceability**
- 100% hydrostatically tested



LUBD2000LPFTT

## The 3000 psi (3K) Lubricator DURABLE, DUAL-OUTLET LUBRICATORS

### APPLICATIONS

- New Wellheads
- Replacement
- Retro-fit
- Interchange

### FEATURES AND BENEFITS

- Dual-outlet **maximizes flow** and enables the routing of debris
- Innovative Super-E Spring option is energy absorbing and specially formulated with TeksPak®, a thermoplastic elastomer which is both **cost effective** and an excellent solution for eliminating spring breakage
- Constructed of DOM Seamless Tubing, which can withstand impact from potentially fast-rising plungers
- Robust, **CNC machined catcher mount port** for catcher position accuracy
- Heavy Duty, e-nickel plated catcher for extended life and corrosion resistance
- **Additional features of the optional lubricator top with easy access end cap:**
  - Improves well site operator equipment safety and productivity given by spring design and the ease of top removal
  - Maximizes serviceability**, making inspections simple and more efficient
  - Springs can be replaced easily in minutes
- Unique lubricator end cap designed for easier access to the plunger and spring including:
  - Acme square threads
  - O-Ring sealed
  - Removable by hand or a strap wrench



LUBD2000MPE



Having the proper equipment at the bottom of the well is key to maintaining a fully functional plunger lift system. Well Master has an array of options to choose from to provide for every well type. Our spring assemblies are designed to protect your plunger from wear while working with your plunger to form the best bottom seal possible.



## Subsurface Spring Assemblies SHOCK-ABSORBING DOWNHOLE TOOLS

### APPLICATIONS

Used in most wells that require a bottom hole spring/stop

### FEATURES AND BENEFITS

- Designed to prevent potential damage to plunger by **absorbing the plunger impact** at the bottom of the well
- **Flow-thru maximized** with extra-large throat
- Stress relieved fishing neck **adds strength**
- One piece rod design
- Multiple seat cup materials & sizes available
- One, two and three cup options available

### Seat Cup Spring Assembly

- Designed to prevent the bumper spring from moving out of position
- Accommodates X, XN & F [API] seating nipples with **multiple seat cup sizes available**
- Enhanced seal with 1, 2 or 3 cup design
- Heat-resistant and standard fiber seal cups available
- Available with integral standing valve option (Notched and Unnotched)

### Collar Stop/Tubing Stop Spring Assembly

- Designed for **accurate placement** of the tool in tubing string
- Excellent for use with gas lift assisted plunger lift
- Type F collar stop with bumper spring

### Floating Spring Assembly

- Designed for **easy set and retrieval** with a fishing plunger and **does not require a wire line** to set or retrieve
- Utilizes a 1.90" No-Go in place of a seat cup
- Movement of floating bumper spring decreases the chance of scale buildup and sand compaction



SPR2000ALM1...

## Pressure Relieving Standing Valve SHOCK-ABSORBING, PRESSURE RELIEVING DOWNHOLE TOOLS

### APPLICATIONS

- Used in wells with high gas to liquid ratio and wells with high-set tubing when liquid retention during the off-cycle is desired.
- Pressure relieving features prevent excess liquid retention, which may stall or reduce plunger function

### FEATURES AND BENEFITS

- 23 psi equates to approximately 45ft. of water or 70ft. of oil in 2" tubing
- 34 psi equates to approximately 68ft. of water or 100ft. of oil in 2" tubing
  - Other relief pressure designs available upon request
- Spring backed ball and seat help prevent dry run conditions by maintaining a small level of fluid
- Designed to prevent potential damage to plunger by absorbing the plunger impact at the bottom of the well
- Flow through maximized with extra-large throat
- Stress relieved fishing neck adds strength
- One piece rod design
- Seat Cup Hold Down prevents bumper spring from moving out of position



Well Master offers multiple options in automation to address the needs of your operation. Every well has different maintenance requirements, and our valves, sensors and control boxes are designed to meet your specifications. Our systems are made to handle a range of outside temperatures and environments, and our rechargeable batteries require little maintenance.



## Plunger Arrival Sensors

### FEATURES AND BENEFITS

- Plunger arrival sensors **for every application**
- Options for 2 and 3 wire sensors
- Designed for **safety, easy installation, reliability, low temperature applications, and minimum energy usage**
- Available in **explosion proof and velocity sensing options**

**SENTRY AND HAWKEYE IS, XP, AND V AVAILABLE**

## Control Boxes

### FEATURES AND BENEFITS

- Designed based on **optimizing any plunger lift application**
- Plunger cycle histories for the last 25 cycles
- Operate from time inputs or pressure inputs
- Innovative displays in the upgraded boxes **ensure operation over the entire outside temperature range**
- Controllers **draw little energy from rechargeable batteries.**

**MODELS 550, 600, AND 650 AVAILABLE**



## High Performance Control & Choke Valves & Actuators

### FEATURES AND BENEFITS

- Valves are **machined from solid bar stock** and can be used with handle or actuator
- Control discs are made with tungsten carbide for **erosion protection**
- Side entry design allows for true in-line service and repair without actuator removal
- In-line flow path **minimizes pressure drop, erosion, and cavitation**
- Several actuator brands available upon request



Our accessories are designed to help manage your plunger lift system. Operators need to be able to retrieve plungers from down hole and measure the wear on equipment to ensure the plungers are working to maximize production. Our accessories are made to the same high standards as our plungers themselves to make them as durable and long lasting as possible.



PLS2000FTK

## The Tackle Box™ Fishing Tool Kit

### FEATURES AND BENEFITS

- Ideal for retrieving all types of downhole equipment
- The 5-in-1 fishing toolkit **pays for itself in less than one use!**
- Kit includes a fishing plunger, internal and external impression blocks, internal latch, overshoot, internal fish neck, 220lb "Rare Earth" magnet and Allen wrench
- Comes in a **durable PELICAN case** to store and protect tools.
- Stainless steel or plated finishes to **prevent rust after multiple uses**
- Plunger has the Well Master patented high lift rib and groove design for **maximum lifting power**

## Pullers

### FEATURES AND BENEFITS

- **Assists in plunger retrieval** from lubricator
- Magnetic attachment, overshoot and internal stop latch available
- Aluminum rod helps with grounding of the puller
- Composite ends designed for **extended life and ease of use**



PUL003MC



PUL0001DE

## Gauge Rings

### FEATURES AND BENEFITS

- Designed to help determine if a plunger needs to be replaced
- ID chamfered for ease of measurement
- Helps eliminate any guesswork by identifying worn out plungers
- Made of heavy-duty durable stainless steel for extended life
- Precision machined ID held to a tolerance less than .0005"



GAU1860

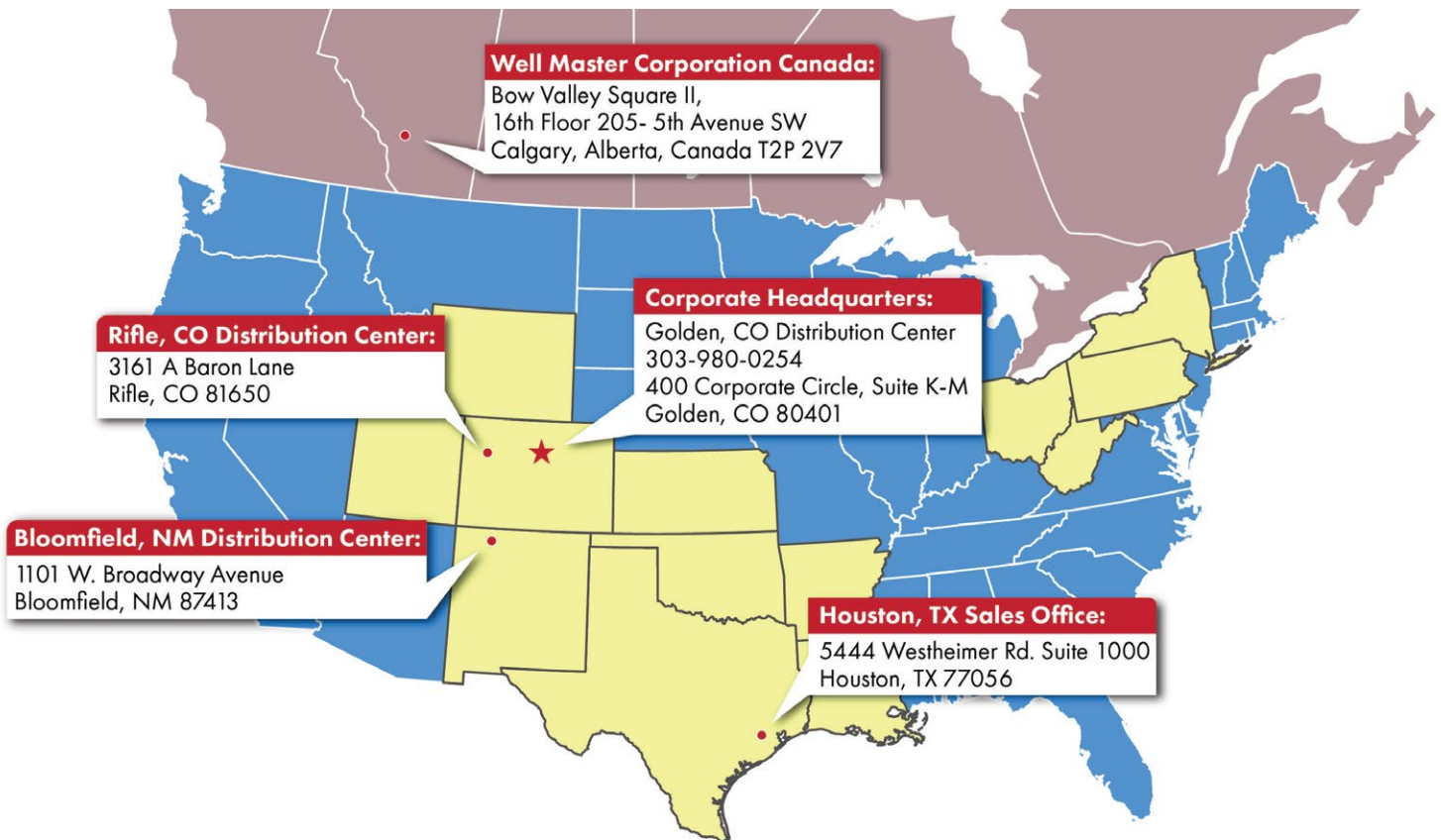
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GAU1900

# International Reach

**Contact Well Master today to find out how we can help optimize your oil and gas well production.**

## North American Operations



## Operating Regions:

Canada

Arkansas  
Colorado  
Kansas  
Louisiana  
New Mexico

Oklahoma  
Pennsylvania/N.E.  
Texas  
Utah  
Wyoming

**Find us on LinkedIn, Facebook & YouTube**



**Contact Well Master today to find out how we can help optimize your oil and gas well production.**

Call **303.980.0254** | Email [info@wellmaster.com](mailto:info@wellmaster.com) | Visit [www.wellmaster.com](http://www.wellmaster.com).

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