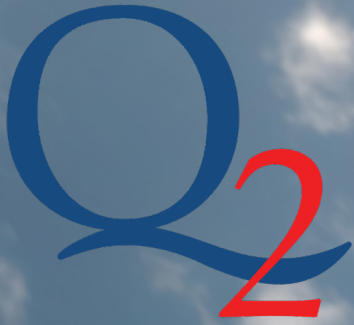


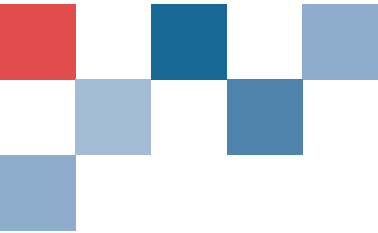
"Q2 is Technology & Innovation in Motion"



Artificial Lift Services

Rod Lift System Solutions

Product Catalogue



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Artificial Lift Services

ABOUT Q2 ALS

Since our re-entry into the worldwide downhole rod pump space, Q2 has grown into a full-fledged service, supply and manufacturing company that has service facilities located throughout North America.

Q2 offers our customers a full range of services & solutions to enhance their requirements. Q2 Corporate offices houses our Administration/Finance/HR & Engineering and is home to our state-of-the-art manufacturing facility.



OUR MISSION
IS NOT TO BE THE
BIGGEST
WORDLWIDE SUPPLIER OF
DOWN HOLE ROD PUMPS
BUT TO BE THE
BEST

Q2ALS also has a head office in Midland, Texas with Sales & IT Support staff and local pump shop facility for all down hole rod pump requirements.

Location and full integration focused on downhole rod pumps allow Q2 deliver a superior service to all of our customers worldwide.



DOWN HOLE ROD PUMPS

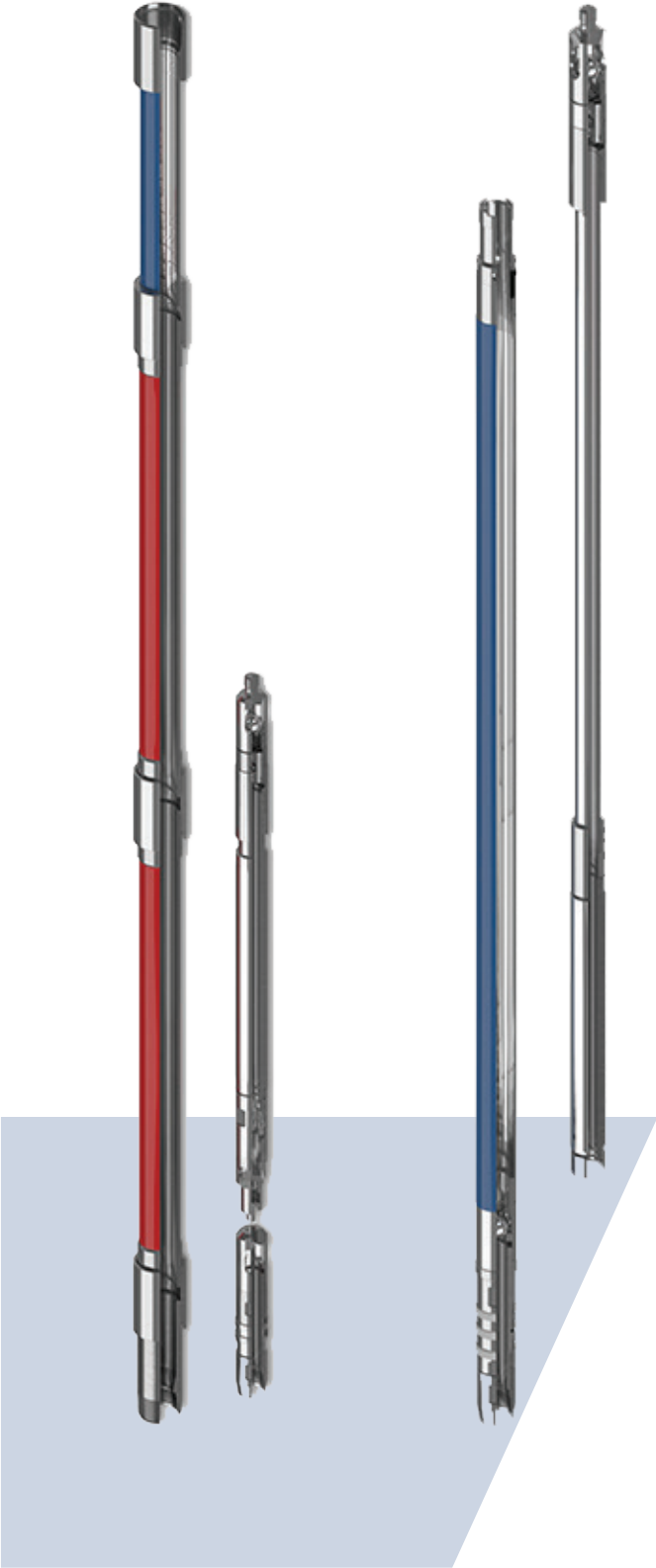
Q2 ALS is an API certified manufacturer of downhole rod pumps and this gives us the ability to standardize pump components from all manufacturers and provides a template on how down hole rod pumps should be assembled. With Q2's combined 800+ years of bottom hole pump experience worldwide, gives Q2 the advantage in recommending proper solutions for all our customer applications.

- 
- RHBC
 - RHAM
 - RHBM
 - RWAC
 - RWBC
 - RWAM
 - RWBM
 - RXBC
 - RXBM
 - RWTC
 - THC
 - THM
 - THOS



SPECIALTY PUMPS

Q2 specialty pumps have been designed and manufactured for specific applications. Whether it is sand, gas or a combination of both, Q2 can supply a pump that will fill the customer's specific needs. We manufacture many different designs in house and these designs are engineered to deal with great amounts of solids and gas related issues.

- 
- Premium Sand Twister Pump
 - Stroke Thru Designs
 - Dual Compression Pump
 - Sand & Gas Combo Pumps
 - Q2-High Velocity Frac Pump
 - Gas Compression Pump

MANUFACTURING

Q2 is Technology and Innovation in Motion

At Q2 our belief is that our ability to implement new technology and lead the industry with new innovative ideas, sets us apart in the down hole pump industry. We have the ability, through world class engineering and technical support, to recommend solid pumping practices. From our high velocity frac pumps to our Q2-Flow 1-piece insert guided cage, we lead the industry in technology and innovation, and present our customer base with the best solutions.

SUPERIOR QUALITY



Q2 provides our customers a superior world class quality product. Our Vision is to be a world-class organization recognized for our people and performance. Our in-house QC and QA allows us to manufacture our components to the strictest API standards. We exceed the API 11AX specifications that are in place . We manufacture our components in Red Deer, Alberta, Canada.

Q2-TRAK SOFTWARE

Well Track System

Q2-Trak is the next generation well tracking system helping our customers collect & maintain their bottom hole pump data. The Q2-Trak system will give the customer an advantage in optimizing their wells providing real time information to make proper assessments on problem wells.

WELCOME TO Q2-TRAK

Q2-Trak utilizes the latest generation of web technology to enable real-time analysis of pump service data and to provide advanced analytical reporting designed to optimize pump run-life and minimize costs.



PUMP/WELL
DATA



Q2
DATABASE



Q2 CUSTOMER
WEB BROWSER

FEATURES

Detailed Well History with
Runlife Analysis

Pumpsheet Breakdown

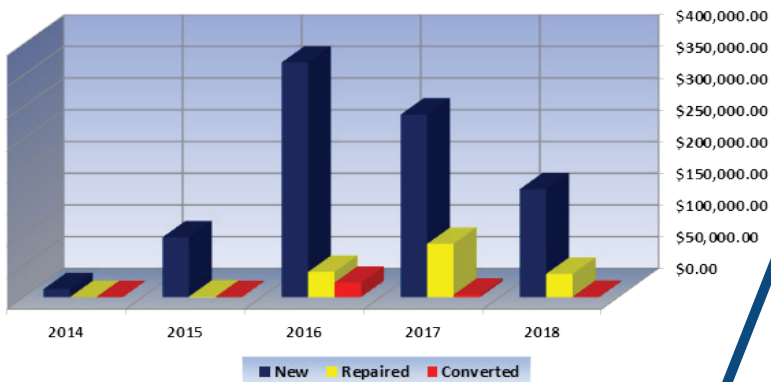
Component Analysis

Advanced Sorting, Filtering
& Grouping

Customizable Data Columns

Data Exports

Total Cost of New, Repaired & Converted Pumps



Q2-Trak is available to our customers and enables them to have the ability to view all their pump and well information as data is collected into the Q2-Trak database. Each customer will have the ability to generate reports and charts which will help in identifying specific trends.

Please contact a local representative to discuss advantages of our new Q2-Trak Well Tracking System

SPECIALTY CAGES

This cage offers a couple of solutions for our customers relating to oversized cages. These oversize cages allow us to run a larger valve decreasing the interference aspect of the valves. This cage can also be connected directly to barrel thread maximizing compression with close valve spacing.



Q2-FLOW BOX END PLUNGER
TRAVELING CAGE



Q2-FLOW STANDING CAGE



Q2-FLOW MODIFIED
STANDING CAGE



Q2-FLOW TRAVELING CAGE

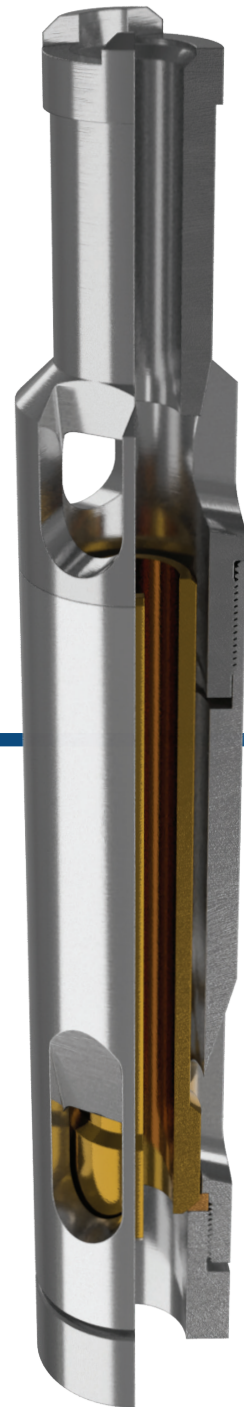
Q2-FLOW 1-PIECE INSERT GUIDED CAGE

The Q2-Flow 1-Piece Insert Guided Cage is a new unique innovative cage design that helps in the pressure drop and gas relief problem producers face. This 1-piece design can help in a 40% decrease in pressure drop and help in velocity when keeping sediments in suspension is required. Due to cage being shortened in length, it helps in maximizing compression within the barrel chamber which is imperative in gas relief. Insert is manufactured with a strong stellite material which will increase longevity of cage. This patent for insert is owned by Q2 and is only ran in our cages. There are 4 different types of 1-piece cages that we can adapt to customers specific application.



Q2 CHECK (TOP CHECK VALVE)

Q2 Artificial Lift Services "Q2-Check" prevents gas locking, reduce fluid pound by neutralizing the effect of the hydrostatic weight of the fluid load above the traveling valve. This assists in removing weight off the traveling valve and transferring it to the "Top Check Valve". The two-stage principal and compounding action of the two valve controlled chamber, will allow much better and smoother valve action. This results in a more efficient transfer of fluid and gas from the pumping chamber to the annular during down stroke, which in turn allows the standing valve to open promptly at the beginning of the upstroke for more complete filling of the pump chamber. By elimination of gas and fluid pound results in a smoother pumping cycle and reduce load range on the sucker rod, torque on the unit, and horsepower requirements of the prime mover. Q2 Artificial Lift Services "Q2-Check" can be attached to the top of any conventional stationary barrel pump.

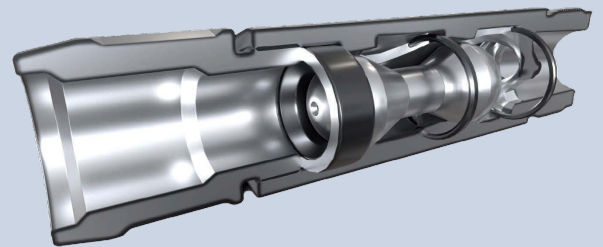


Q2-HVS (Horizontal Valve System)

The Q2-HVS is a new and innovative design in valve technology. This new design uses two of our patented Q2-Flow insert guides inside our 1-piece cage allowing the producer to lay the pump in a lateral section up to 89.5 degrees.

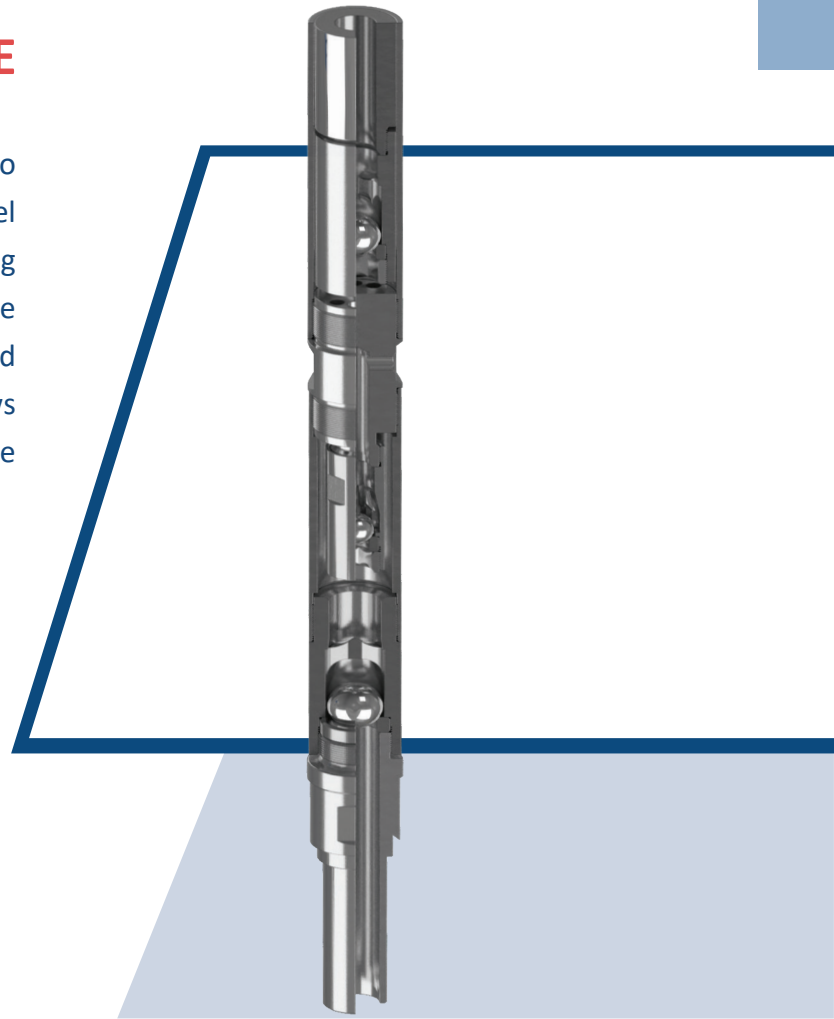
The horizontal valve system (HVS) allows producer to lay their down hole rod pump into the horizontal leg of the well. The unique design of the valve consists of a guide ball and seat ball. The guide ball keeps the position of the seat ball engaged, where the traditional ball would fall into lower side of cage laying on its side.

This guiding of the seat ball allows valve to close consistently and quickly while disallowing seat ball to disengage from seat when downhole rod pump is set laterally in the horizontal leg section of well. The Q2-HVS is a new and innovative design in valve technology. This new design uses two of our patented Q2-Flow insert guides in our 1-piece cage.



BOTTOM DISCHARGE VALVE

Q2-Bottom discharge valve is a two component part positioned on the barrel assembly between the standing and traveling valves. This discharge valve is attached to the bottom portion of the barrel assembly and performs as an intermediary valve that allows pumped fluid into the annulus between the outside of the pump and the tubing wall.



Q2 AUTOMATIC TOP SEAL

The Q2-Automatic Top Seal is designed to prevent solids from accumulating between the stationary barrel and bottom hold down. It will help to eliminate stripping jobs and contains a packing element bonded to a threaded steel insert, which eliminates damage to the pack-off when released from the tubing wall.

Q2-Automatic Top Seal contains a packing element bonded to a threaded steel insert, which eliminates damage to the pack-off when released from the tubing wall.

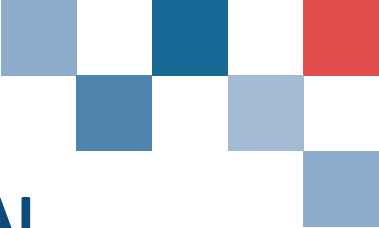
HEAT TREATED TUBING

Q2 Artificial Lift Services uses their patented Internal Induction Heat treating to harden J55 & L80 tubing and pup joints. It hardens only the ID of the tubular, leaving the remaining wall thickness unaffected. Other competing processes coat the tubing with:

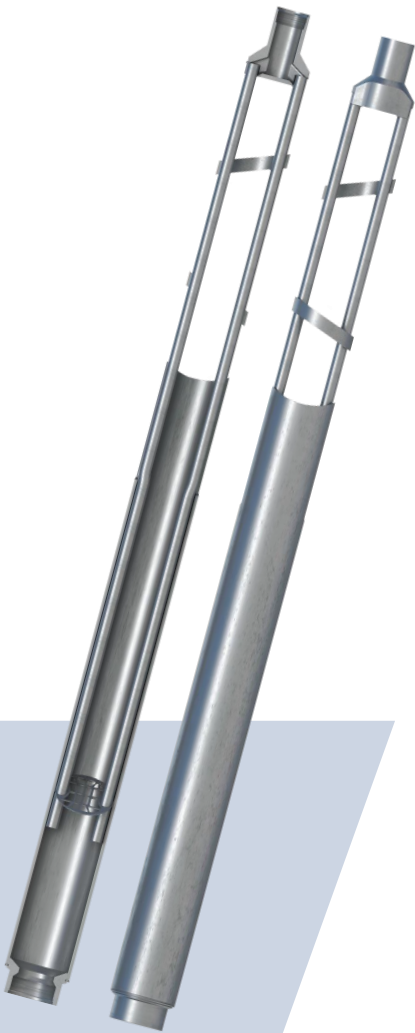
A hardening and/or corrosion resistant that can flake, crack or wear off, exposing the tubing substrate and making it susceptible to localized corrosion.

A plastic like material that reduces the ID of the tubular and therefore restricting the size of pump that can be ran. Risk of plastic wearing off and falling inside pump is also a problem.





WhaleShark™ DUAL INTAKE GAS SEPERATOR



The highest performing downhole gas separator. It improves downhole pump performance for high rate, high viscosity, and high inclination pumping. It is compatible with sucker rod pumps (SRP's), progressive cavity pumps (PCP's), and electrical submersible pumps (ESP's). It offers low downhole operational risk with no packer or cup seals required. It avoids limitations of legacy poor-boy and packer-style separators.

The separator uses an upward facing “no annulus, large open-mouth” collector intake that takes advantage of multiphase fluid flow liquid reversals or liquid fallback, common in the slug and churn flow regimes. The gas separation region above the collector intake has eccentric (i.e., positioned to the side) dual pump intake dip tubes that are designed to slow fluid velocities down and maximize liquid fallback downward into the collector body. This unique engineered design has greatly improved gas separation efficiency, capacity, and slug flow tolerance for sustaining consistent high pump fillage under all downhole flow conditions. This is the only downhole separator not governed and limited by gas bubble rise velocity.

SharkTAC™ TUBING ANCHOR CASING-SCRAPER

A fully engineered tubing anchor that eliminates limitations of existing tubing anchors. The SharkTAC™ Tubing Anchor Casing-Scraper is a high-performance downhole tubing anchor that offers the greatest possible annular flowby cross sectional area – more than a tubing coupling and is no longer the production limiting component in the annular flow path above a downhole pump.

It is very common for annular flow-by restrictive tubing anchors to cause erratic pump fillage and reduce downhole gas separator performance. An annular flow path restriction above a pump also prevents annular fluid levels from being pumped down or pumped off (limiting a well's production potential).



DOWNHOLE PRODUCTION TOOLS

Our downhole production tools can be manufactured for all applications in different sizes from light to heavy workloads.

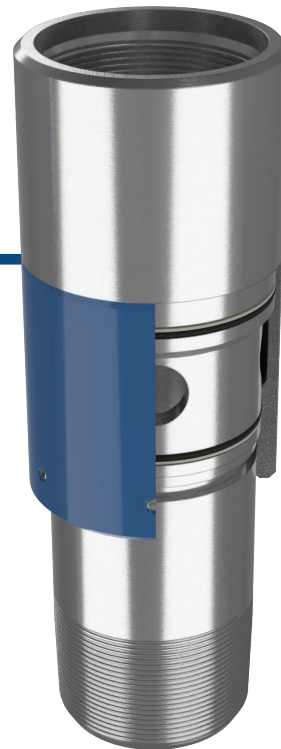
Q2-LATCH

Our Q2-Latch On Off Tool is the biggest, strongest tool in the marketplace today. This tool is used with steel sucker rod strings for the purpose of running with an oversized tubing pump. Our Q2-Latch is offered in both right hand and left hand turn.



TUBING DRAIN

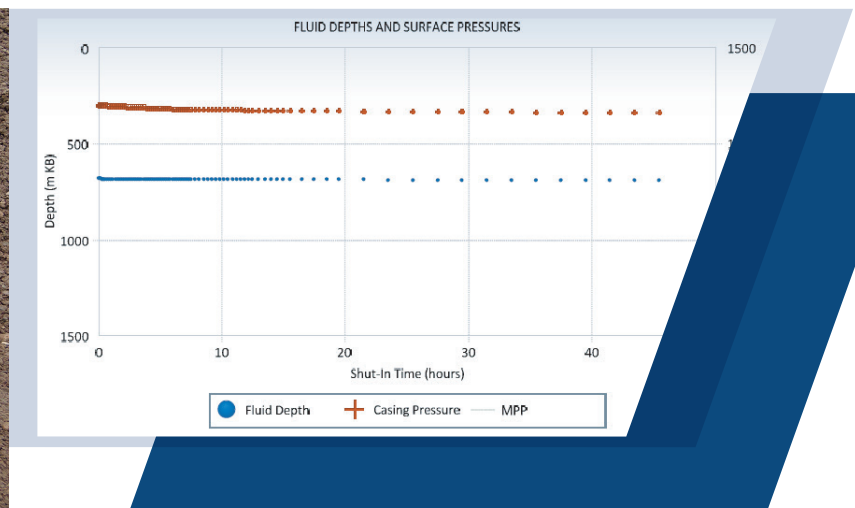
Q2-Tubing Drain contains a sliding sleeve secured with shear pins on a body with large ports. Q2- Tubing Drain is activated with internal tubing pressure to yield the shear screws, which slides sleeve along the body that, in turn, opens the ports on the tubing wall and lets fluid flow into the annulus. The activation pressure can be adjusted by using the required number of shear screws.



SERVICES

DIAGNOSTIC SERVICES

Q2 can provide diagnostic services throughout North America to help our customers optimize their pumping systems. Our field technician staff are fully trained in all diagnostic services. Our software can accommodate several services and reports are real time and sent to our customers upon demand. We can provide singular service or plan a regular schedule. Please call any of our field locations to get rates.



Supplies

Q2 supplies and sells many of the top oilfield manufacturers products and we keep all these products in inventory. This gives Q2 the ability to take care of our customer's needs whether it is tubing, sucker rods, battery hook ups or well head equipment. Q2 can supply it all.





Artificial Lift Services



www.q2als.com

We are a Rod Lift System Solutions company with repair and service locations strategically located across Western Canada and the United States.



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& Manufacturing Facility**

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Phone: 403.343.8802
Email: sales@q2als.com**



Head Office

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Email: sales@q2als.com**