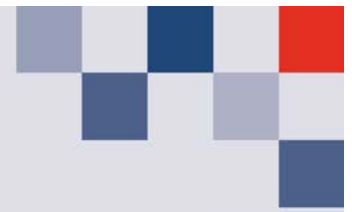




Artificial Lift Services



www.Q2als.com

## TESTIMONIAL

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*Q2 Engineers optimized existing pump system designs including addition of Q2-Flow One Piece insert guided valve system and Premium Sand Twister innovation in sand laden well improving pumping efficiency to yield a sustainable production increase in each of four (4) wells resulting in a total average production increase of 36%*

### Executive Summary

Entrada Resources is focused on acquiring and developing oil and gas assets in the Western Canadian Sedimentary basin with significant growth potential through infill drilling, optimization and enhanced recovery techniques

### The Customer

Shane Imber, Area Foreman operating 80 sucker rod pumping wells producing 2500 to 3000 BOE/Day engaged the expertise of Q2 Engineers and Technicians to optimize a selection of wells replacing a failing competitor lift system with no additional cost increases by replacing with smaller ID pumps and new technologies optimized for the well conditions

### The Objective

Improve pump efficiencies to lower surface unit energy costs and increase production without the need for additional capital or operational expense

### How did Q2 Artificial Lift help?

Applied decades of engineering, optimization and operational experience and installed 25-150-RWAC-24-5 Premium Sand Twister pump including Q2 Flow 1 PC cages in Well #1, 25-150-RHBC-24-5-0-0 w/Q2 Flow 1 PC Cage in Well #2, 25-150-RWAC-24-5 pump with Q2 Flow 1 PC Cage in Well #3, 25-150-RWAC-24-5 pump with Q2 Flow 1 PC Cage in Well #4

***The Q2-Flow Insert Guide is proven to reduce pressure drop by up to 40% increasing downhole longevity. Our patented design prevents ball chatter with a concave fluid profile allowing us to increase our cross-sectional flow area. The innovative Sand Twister components keep sand and debris in motion.***

### The Results

- Well #1 - Net production increase (after 3 months) = 30.63 BOE/D – 38.6% baseline production increase
- Well #2 - Net production increase (after 2 months) = 11.0 BOE/D – 26.4% baseline production increase
- Well #3 - Net production increase (after 1.5 months) = 23.34 BOE/D – 34.7% baseline production increase
- Well #4 - Net production increase (after 1.5 months) = 35.7 BOE/D – 39.0% baseline production increase

### About Q2 Artificial Lift Systems

Established in 2016, Q2 Artificial Lift Services with Headquarters and main Factories located in Red Deer, Alberta, Canada is a fully integrated API 11AX monogrammed sucker rod pump manufacturing company serving all International markets and through corporate owned and operated network of 30+ repair and service locations situated across Canada and the USA