



INCENTIVES TO ENCOURAGE THE USE OF TECHNOLOGY TO INCREASE PRODUCTION

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Create an Automated
Smart Field with ONE
Device

**PRECISION PUMPING
BASED ON ACTUAL FLUID
LEVEL IN REAL TIME TO
OPTIMIZE PRODUCTION AND
REDUCE LIFT COST**



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Create an Automated Smart Field with ONE Device

A patented precision pump control device that automatically controls pump speed based on real time fluid level to the specific target you desire

This powerful PLC has built-in two way communication for remote control of the VFD and motor as well as for monitoring and responding to over 38 inputs that are available to you

Capability:

Measures, Data Logs and Reports on 38 definable and scalable operational inputs

Controls Proportional Valves for managing hydraulic systems

Automatically sends Email and Text alerts for warning and fault conditions

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Create an Automated Smart Field with ONE Device


With Automation on Your Terms for ESPs, PCPs, Pump Jacks and Tank Level Control



The diagram illustrates the Smart Pumper device's connectivity to various industrial assets. Yellow arrows point from the device to an Injection Well, a Salt Water Tank Level, two Oil Tank Levels (labeled 1 and 2), a Precision Pump Control unit, and a Producer. The Precision Pump Control unit is shown as a small electronic device with a screen and buttons.




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Create an Automated Smart Field with ONE Device

An Interface Built to Manage Assets




***Your Server *Your Security *Your Defined Users**







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Create an Automated Smart Field with ONE Device


An easy to use web interface puts meaningful information at your fingertips





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THE SMART PUMPER™

Create an Automated Smart Field with ONE Device

Report Generation:


The Smart Pumper provides 38 different reports
Every event is recorded by day, month or year.





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THE SMART PUMPER™

Create an Automated Smart Field with ONE Device

Report Generation:



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BLUESPARK


**Reconnect
with your Reservoir**

INCREASE PRODUCTION THROUGH IMPROVED CONNECTIVITY IN OIL AND GAS WELLS

ELECTRO-HYDRAULIC STIMULATION



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BLUESPARK

**Reconnect
with your Reservoir**



Near Wellbore Damage in a Conventional Well has a significant impact on well performance.

The problem:
Near wellbore damage .

Formation damage caused during well construction, completion and production has a significant impact on well performance.

Causes of Near Wellbore Damage:

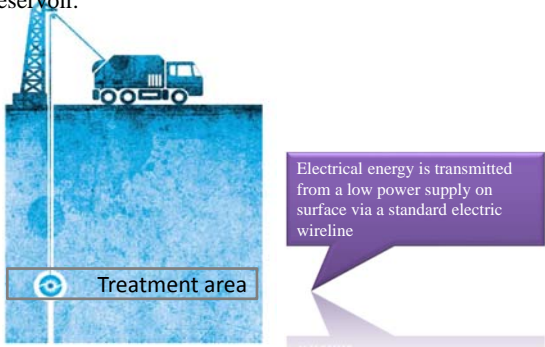
1. Construction:
 - a) Drilling Damage
2. Completion
 - a) Perforation Skin
3. Production
 - a) Scales
 - b) Fines Migration
 - c) Asphaltenes, Paraffins



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Our Well Stimulation Technology Produces Immediate Results without compromising **Well Integrity**.

The Solution:
The BlueSpark Solution - WASP®

Wireline Applied Stimulation Pulsing utilizes electrical energy to generate repeatable, high power, hydraulic pressure pulses {shockwaves} that stimulate the near wellbore area of the reservoir.



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The WASP® technology uses electro-hydraulic stimulation to replace traditional methods such as;
Chemicals,
Explosives or
Surface Pressure equipment

Our technology can assist with the following:

Near Wellbore Formation Damage


- Well Construction / Completion / Production
- Injection / Disposal / Source Wells

Fouling of Completion Equipment

- Gravel Pack Systems
- Safety Valves
- Side Pocket Mandrels
- Casing Cement Squeeze


IOR Applications (Complementary)

- Acidization
- Pre-Frac
- Chemical Stimulations
- Steam Injection (Pre Steam)



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BLUESPARK

Reconnect
with your Reservoir

Stimulation Demonstration: Scale Removal (external treatment of boiler tubes)

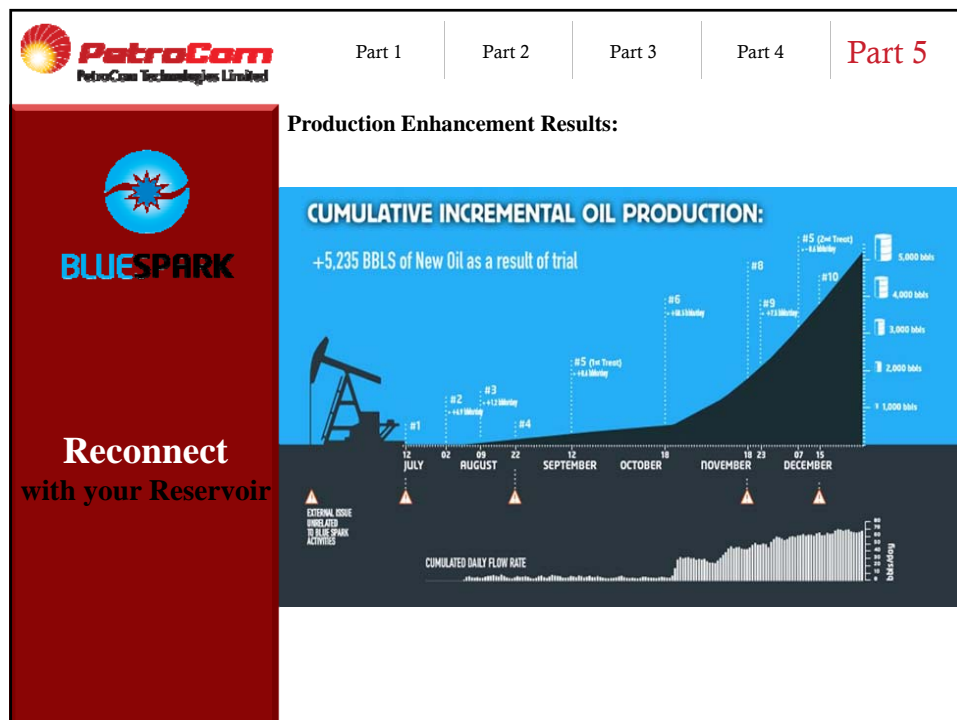
BEFORE

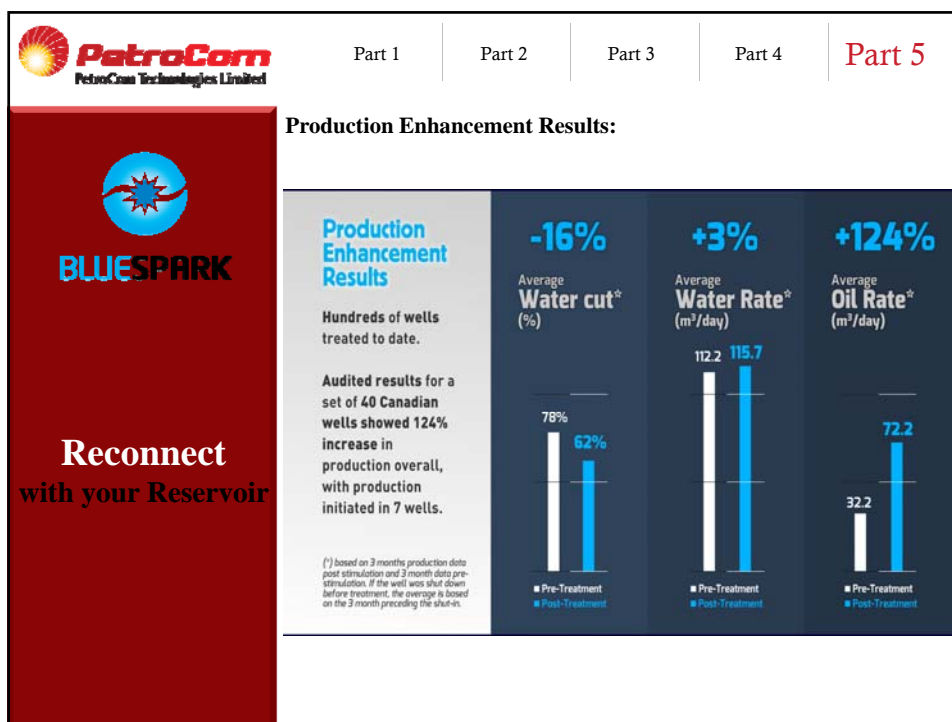


AFTER









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Thank you:

David Borde
Managing Director
PetroCom Technologies Ltd.

Feedback