

# Wireline & Perforating Services

- Patriot provides a full range of cased hole Wireline & Perforating services
- Our fleet of modern built units are designed to deliver efficient, reliable performance incorporating greaseless line ops
- Split drum configurations come with standard and braided lines for service work
- Patriot's pumping services are routinely executed in conjunction with our wireline services



## Surface Equipment

### Half Back and Conventional Units

- Drum Capacity 35,000ft Conventional / 31,000ft Greaseless
- Split drums – Wireline and Braided Line
- Low RPM operation allows regen without delaying ops
- Quiet Solution half-back fleet provides reduced sound levels
- Self-contained 10K Grease Injector System
- Trailer mounted 10K Pressure Control Packages
- Greaseless Wireline EcoSeal
- Lee Posi Lock Remote Wellhead Connection

### 2500 HP Frac Pump Units

- Quintuplex high pressure service pump
- Max working pressure/rate: 15,000psi/17BPM
- Boost pump mounted on each trailer

## Perforating

- Pump down stage perforating
- Greaseless line operations
- Remote wellhead connection system
- Wireline & pump down modeling
- Tubing conveyed perforating
- Coiled tubing conveyed perforating
- Conventional perforating

## Cased Hole Logging

- Multi-Arm Calipers (24, 40, 60 arms)
- Electro-Magnetic Thickness Tool
- Radii Segmented Bond Tool
- Stack Logging
- Ultrasonic Radial Scanner
- Packer/Plug Setting
- Spinner/Pressure/Temperature Logging
- Leak Detection

## Pipe Recovery Services

- Free Point
- Jet Cutter
- Chemical Cutter
- Radial Cutting Torch

## Braided Line Services

- 0.25 line for fishing

## Pumping Services

- 2500HP pumps
- 2250HP pumps
- Backside pressure pumps
- Acid transport services

## Crane Services

- 55 Ton National NBT55
- 60 Ton Extended Reach NBT60L
- 80 Ton Terex Crossover 8000
- 110 Ton Link-Belt