

# WIRELINER PRODUCTION & INTERVENTION SOLUTIONS

Ranger's Production and Intervention Wireline Services provides you with the information and the means to identify and resolve well problems through our cased hole logging, perforating, mechanical, pipe recovery, and pressure pumping services.

Ranger's comprehensive solutions are utilized to simplify logistics and maximize operational effectiveness.

Ranger uses state-of-the-art surface and downhole technology to provide highly efficient operations while maximizing safety performance on your job site.



RANGER LEADS THE WAY

## EQUIPMENT

### Split Drum Units (E-line/Braided line)

- Drum Capacity 40,000ft Conventional / 37,000 ft Greaseless
- Low RPM operation allows regen without delaying ops
- Quiet solution half-back fleet provides reduced sound levels with improved visibility
- Self-contained 10K Grease Injector System
- Trailer mounted 5K, 10K, 12.5K, 15K Pressure Control Packages
- Premium Greaseless Wireline
- Upgraded logging e-line
- H2S Line
- Remote Wellhead Connection

### Well Integrity Tools

- Ralii™ Radial Cement Bond
  - 1-11/16", 2-3/4", 3-1/2" tools
  - Casing ranges 2-3/8" to 20"
- Multi-Arm Caliper (24/40/60 arm)
  - MAC24, MAC40, MAC60
  - Casing ranges 2-1/16" to 13-3/8"
- Electromagnetic Thickness Tool
- Stack Logging (RCBL/MAC/EMIT)
- UltraSonic Radial Scanner
- FluxView Casing Inspection
- Spinner/Pressure/Temperature

### Mechanical & Pipe Recovery Tools

- Free Point & Back-Off String
  - 1.0", 1-3/8", 1-11/16" tools
- Chemical Cutter
- Radial Cutting Torch
- Braided Line (1/4" & 5/16")
- Dump Bailers

## SERVICES

### Perforating

- Tubing conveyed perforating
- Coiled tubing conveyed perforating
- Conventional perforating
- Tubing Perforating

### Well Integrity Logging

- Cement Bond Evaluation
- Casing Inspection
- Leak Detection
- MIPS 3D Casing Evaluation
- Ultrasonic Casing & Cement Evaluation
- Log Analysis

### Pipe Recovery

- Free Point & Back Off
- Full range pipe cutting options

### Mechanical Services

- Plug & Packer Setting
- Braided Line Fishing
- Plug & Abandonment
- Drill Pipe & Remedial Interventions

### Toe Prep Combined Wireline & Pumping Services

- Well integrity logging
- Set/Pull plugs with dual line units
- Casing integrity test
- Casing flush
- Toe perforating



## WHY CHOOSE RANGER WIRELINE?

- Experienced & highly qualified team
- State-of-the-art equipment
- High performance culture
- Robust, behavior based QHSE management program
- Continuous improvement program
- Innovative technology development
- Technical solutions for today's complex wells

## LOCATIONS

We have numerous locations in the USA

### WILLISTON BASIN

- Williston, ND

### DJ BASIN

- Brighton, CO

### POWDER RIVER BASIN

- Casper, WY

### PERMIAN BASIN

- Midland, TX
- Carlsbad, NM

### SOUTH TEXAS

- Pleasanton, TX

## SAFETY

Safety is our top priority. Our entire organization is committed to ensuring that a proactive safety culture exists throughout the company.

## QUALITY

At Ranger we are focused on providing the highest quality of service while protecting our employees and the environment in which they work. Ranger crews are dedicated and passionate about our business, with a track record of excellence and verified levels of competency.

## EFFICIENCY

Ranger has streamlined our standard operating procedures to eliminate non-productive time for our customers. Our highly efficient and effective approach will contribute to optimizing your well results.

