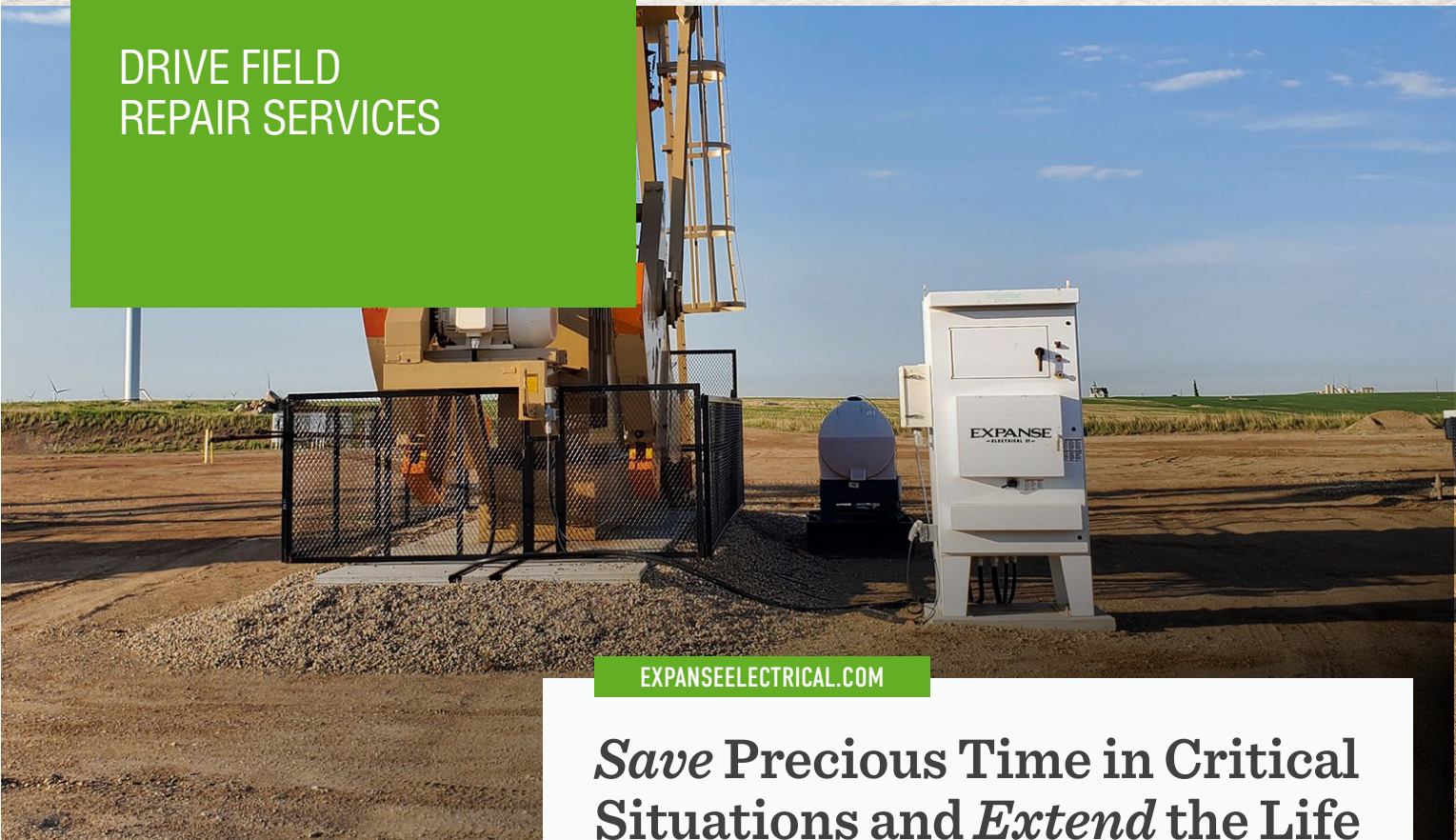


# AUTOMATION:

## DRIVE FIELD REPAIR SERVICES



[EXPANSEELECTRICAL.COM](http://EXPANSEELECTRICAL.COM)

## Save Precious Time in Critical Situations and *Extend* the Life of Your Drives with Expanse

When time is of the essence, our highly experienced drive technicians are ready and available to support your maintenance needs. No more waiting days for service. With Expanse's branch locations strategically positioned within close proximity to client assets, we efficiently deploy our technicians for a quick solution.

Our experts are well-versed in a variety of OEM drive and pump technology. Their years of field experience enable them to understand the special characteristics, needs and requirements of each unique drive application. Whether a problem is in the OEM equipment, electrical supply or electrical control panel, our technicians can troubleshoot and resolve the issue in short order.



### *The Expanse Advantage*

- Quick Service Turnaround Time
- In-Depth POC Application Knowledge
- Inventory of Parts & Products to Keep Operations Running



#### ONSITE SUPPORT

Responsive onsite troubleshooting support and repair services to deliver optimal drive performance throughout the entire lifecycle of your application.



#### REMOTE SUPPORT

IP connectivity services for secure, real-time access to diagnostic information, monitoring, and configuration, utilizing our secure private network.

# Capabilities

## Startup

- Verify incoming electrical supply and phase rotation
- Install sensor and instrument cables
- Configure communications equipment
- Verify correct sensor placement
- Verify proper grounding
- Verify proper wire sizing and torque requirements

## Programming

- Assist with POC configuration
- Configure VFD as needed for application

## Repair

- We can repair most VFD's and POC's

## Troubleshooting:

- Overcurrent/overloads, thermal alarms
- Ground short circuit alarms, DC bus overvoltage alarms
- POC/RPC troubleshooting
- Load cells (wired/wireless)
- Speed sensors
- Board diagnostics
- Motor insulation testing
- Troubleshoot end devices such as vibration switches, casing, tubing, flow line pressure transmitters and more.

TYPES OF DRIVES WE SERVICE	
• Artificial Lift Drives	• Recycle Drives
• Freshwater Drives	• Tank Pressure Regulating Blower VFDs
• Oil Cooler VFDs	• Vapor Recovery VFDs
• Rod Pump Controllers	• SWD Injection Pumps
• Pump Off Controllers	• Jet Pumps
• Salt-Water Transfer Drives	• Transfer Pumps Oil/Water
• VRU Blower Drives	

OEM BRANDS WE SERVICE
• ABB
• Allen Bradley
• Dan Foss
• Schneider Electric
• Toshiba
• Yaskawa
• & More

## Why Expanse?

- 24/7 Emergency Response
- 70+ Years of Experience
- Turnkey Services & Solutions
- In-House Engineering Department
- Experienced Craftsmen
- Local Expertise on National Scale
- Customer Support Across Geographical & Operational Spectrums

**EXPANSE**  
← ELECTRICAL CO. →

### NEW MEXICO

Carlsbad

### NORTH DAKOTA

Williston

### OKLAHOMA

Oklahoma City • Tulsa

### TEXAS

Andrews • Big Spring • Houston

Midland • Odessa • San Angelo

### FOR MORE INFORMATION

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