



PEOPLE  
PROCESS  
EQUIPMENT  
TECHNOLOGY

VALUE



Perforating Services  
Maximize Reservoir Productivity

# Maximize Reservoir Productivity

Allied-Horizontal offers both wireline and tubing conveyed perforating services. Our perforating systems are focused on achieving the best production or injection in each well by optimizing the relationship between the wellbore and the reservoir. Our experienced wireline specialists matched with best-in-class technology and best practice-based processes, provide a safer wellsite environment and reduce non-productive time – enhancing economic returns through increased efficiencies.

Operating at a 99% efficiency rate, Allied-Horizontal delivers the most efficient and cost-effective perforating services in the industry today.



- **Addressable Switches**
- **Pump Down Operations**
- **Tubing Conveyed (TCP)**
- **Onsite loading facilities**

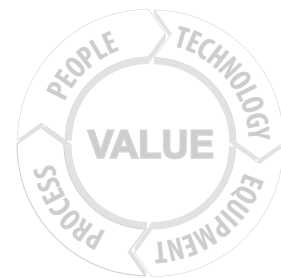
# Pump Down Operations

As the service quality leader, Allied-Horizontal provides the most cost effective pump down perforating services by eliminating avoidable misruns and lost time incidents – reducing total wellsite downtime for all service providers on location.

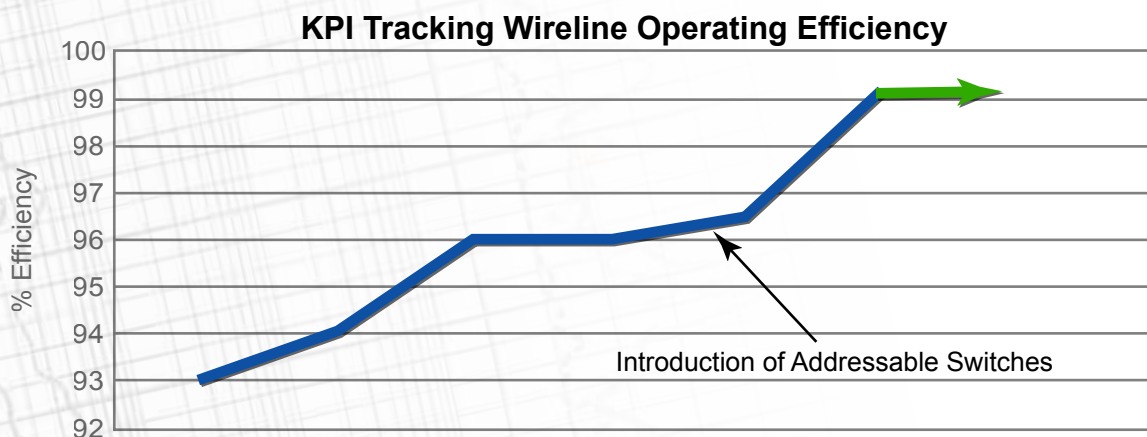
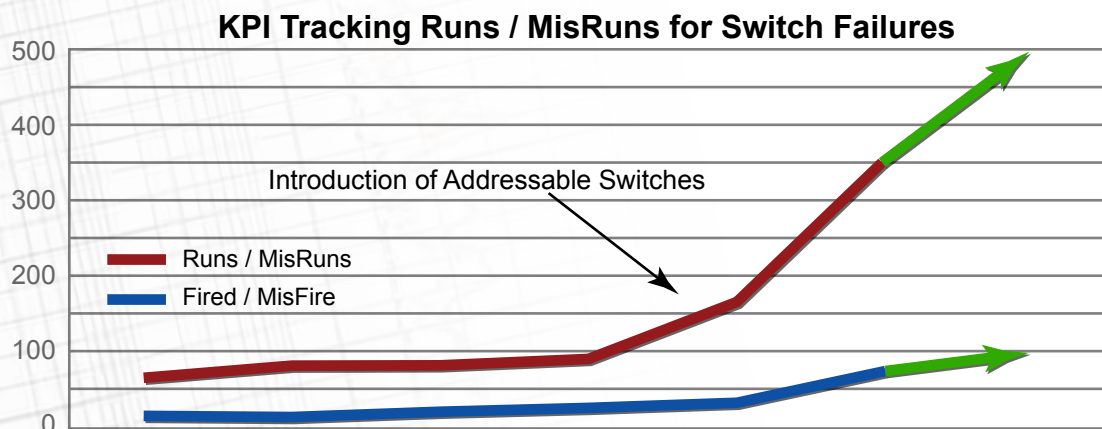
Delivering value in pump down services can only be achieved with an emphasis on service quality. Our service quality and efficiency is the result of a determined focus on crew competencies, standardized processes and reliable technologies to ensure consistent outcomes at the wellsite. Each member of our team must complete a highly selective and regimented service quality training program to ensure an aptitude in safe and effective wellsite processes and procedures.

Combining our trained wireline experts and best-in-class operational procedures with state of the art perforating technology allows us to safely and efficiently perforate thousands of stages per month. This allows our clients to complete more stages in less time.

- **True RF Safe Perforating**
- **Addressable Switches**
- **99% Efficiency Rate**



## Real World Service Quality



## A More Effective Way to Perforate



Allied-Horizontal is proud to offer the DYNAenergetics “DYNA” perforating system. The DYNA system is the safest electronic perforation system available, offering industry leading service quality, efficiency, and the latest technology to ensure a successful wireline stage for horizontal completions.

Conventional pump down operations are dependent on mechanical percussion (+pos / -neg) switches for multiple gun clusters. In the event of a misfire, pinched wire, or failed switch, the gun-string with a percussion switch system must be brought to surface for troubleshooting. 95% of wireline companies utilize mechanical systems which were developed over 20 years ago.

The DYNA system is equipped with an intelligent electronic circuit to deal with misfires by skipping the faulty gun, allowing perforating to continue downhole with the rest of the functioning gun-string.

- **Safety and RF-Safe for Multiwell Completions**

Fully RF-Safe, this allows for rigup and run in the hole without interruptions, simultaneous operations or the need to stop for radio silence.

- **Eliminate Wireline Misruns**

Each DYNA switch, igniter and gun can be electronically checked on the surface to ensure the switch is functioning correctly before rigging up.

- **Real-Time Shot Detection**

Electronically senses the firing of each detonator and igniter, giving a positive electronic indication of the gun firing and the plug setting

- **Skip Guns if a Misfire Occurs**

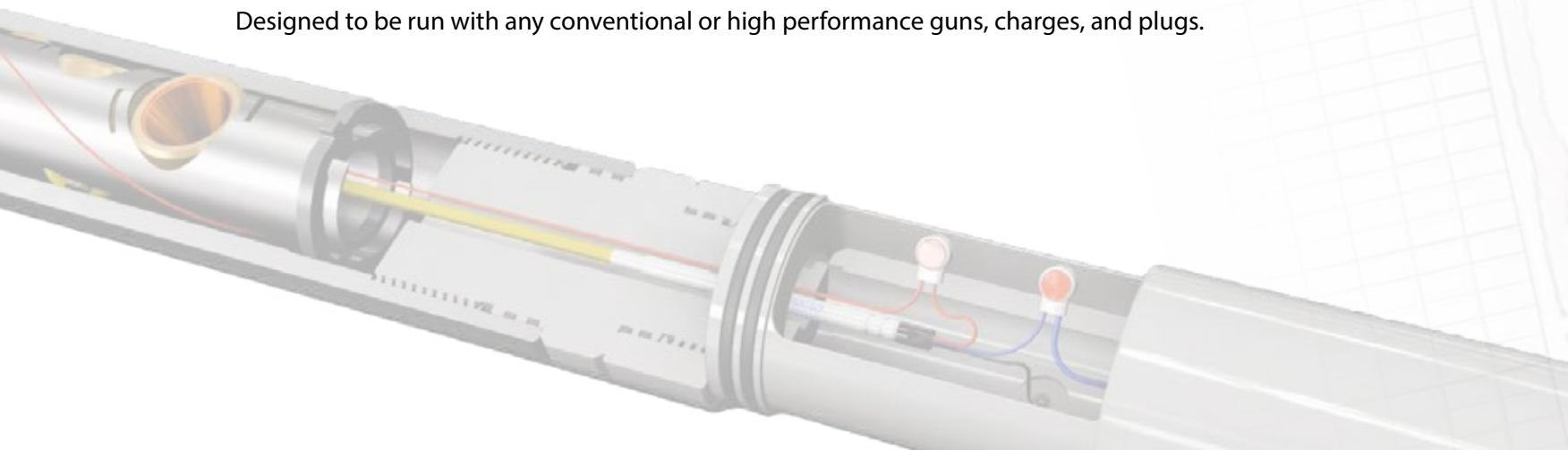
In the event that there is a downhole fault causing explosives not to fire, that particular gun can be skipped and perforating can continue with the next gun in the string.

- **Better reliability:**

Component failure is less than 1 per 2000 units for the DYNA system which is 10 times better than comparable systems.

- **Greater Compatibility:**

Designed to be run with any conventional or high performance guns, charges, and plugs.



## Tubing Conveyed Perforating

Allied-Horizontal's Tubing-Conveyed Perforating (TCP) completion process enables the perforation of extremely long intervals in single runs. In challenging applications, such as extended-reach horizontal and high-angle wells, our TCP solutions control cost and minimize non-productive time. While in unconventional gas plays, our TCP applications can be used with coiled-tubing conveyance for stage-frac applications.

With a multitude of firing systems, gun release systems and accessories, Allied-Horizontal can help design effective perforating applications needed in all well conditions.

- **Direct Pressure**
- **Time Delays**
- **Ball Drop**
- **VID (Vertical Interruption Device)**



## Pipe Recovery Services



Stuck pipe is unfortunately one of the most common problems when drilling a well. The consequences can range from a minor inconvenience to major complications, such as the loss of the drill string or even worse, complete loss of the well.

The dedicated Pipe Recovery Teams at Allied- Horizontal understand the various causes and symptoms of stuck pipe. Whether it is differential sticking, poor filter cake or a list of other causes, we realize there is no time to spare. We have trained specialists on call 24/7 to solve stuck-pipe problems safely and efficiently.

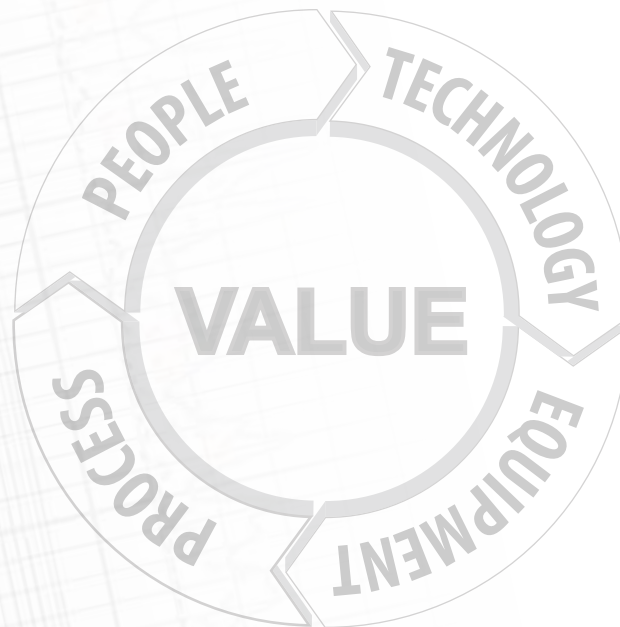
- **Free Point Indicator**
- **Stuck Pipe Log**
- **Jet Cutter**
- **String Shot / Back Off Services**
- **Chemical Cutter**
- **Radial Cutting Torch**
- **Severing Tools**



Our objective is to provide the safest and most efficient wireline services in the industry. This is more than a simple statement, it is the foundation of our business. We aspire to achieve this objective everyday through a rigid focus on providing only the best:  
Safety, People, Process, Equipment and Technology.

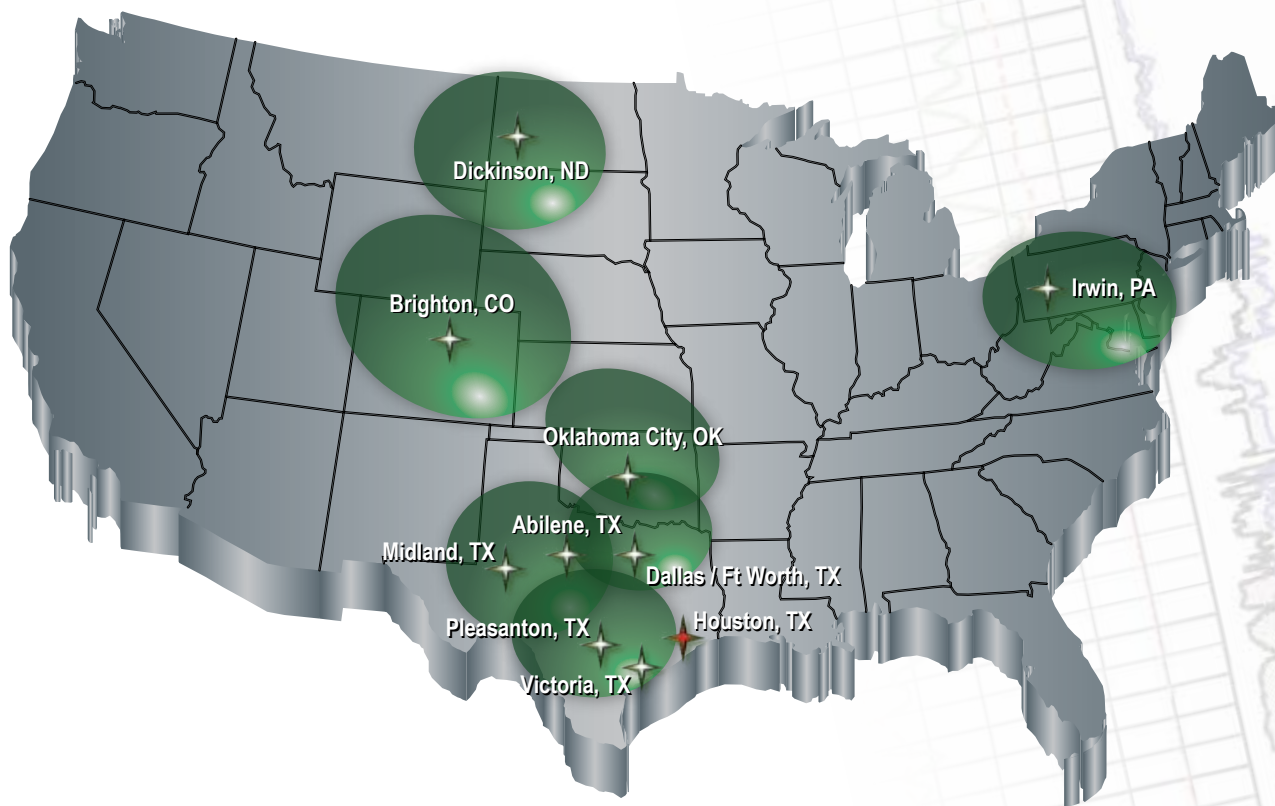
This fundamental methodology has allowed us to rise above the competition in each of these key categories. Driven by our dedication to service quality and efficiency, Allied-Horizontal Wireline Services has become the leading independent wireline service provider in the country.

***Industry leading completions execution and service quality  
combined with the best independent reservoir analytics***



Business Card Placeholder

# Locations Near You



## Operation Centers

Okla. City, OK ..... (405) 445-7135  
Abilene, TX ..... (325) 928-1200  
Midland, TX ..... (432) 897-3444  
Pleasanton, TX ..... (830) 224-6009  
Victoria, TX ..... (361) 574-7913  
Brighton, CO ..... (303) 659-4609  
Dickinson, ND ..... (701) 483-9156  
Irwin, PA ..... (724) 382-5012

## Sales Offices

Okla. City, OK ..... (405) 445-7135  
Midland, TX ..... (432) 689-3444  
Fort Worth, TX ..... (817) 235-4149  
Houston, TX ..... (713) 343-7280  
San Antonio, TX ..... (361) 935-5887  
Victoria, TX ..... (361) 574-7913  
Denver, CO ..... (303) 801-8137  
Irwin, PA ..... (724) 493-6110



[alliedhorizontal.com](http://alliedhorizontal.com)