



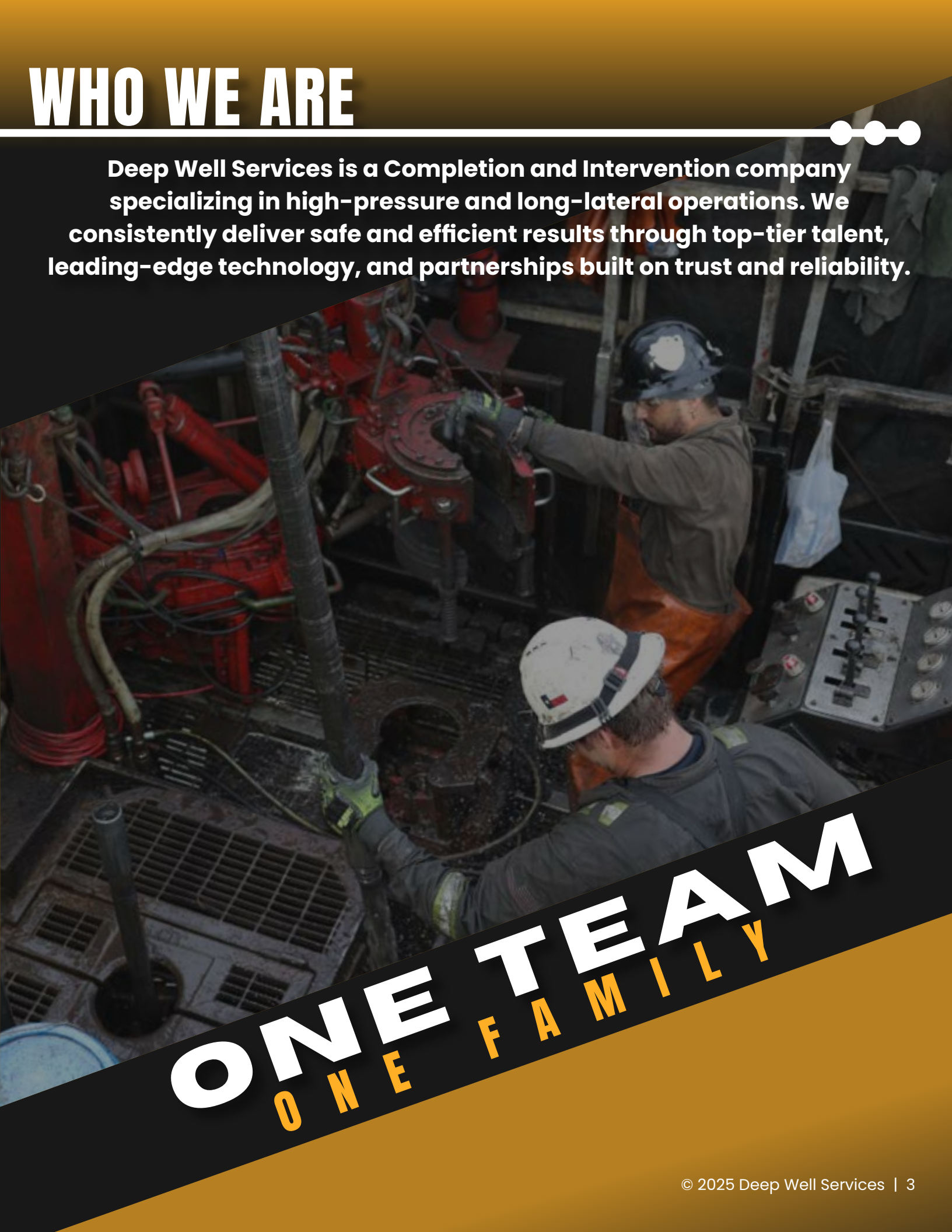
HYDRAULIC COMPLETION AND WORKOVER SOLUTIONS

BE PROFESSIONAL. BE FIRST.



WHO WE ARE

Deep Well Services is a Completion and Intervention company specializing in high-pressure and long-lateral operations. We consistently deliver safe and efficient results through top-tier talent, leading-edge technology, and partnerships built on trust and reliability.

A photograph of two workers in a well site. One worker in the foreground is wearing a white hard hat and a grey shirt, leaning over a large metal grate. Another worker in the background is wearing a blue hard hat and orange overalls, working on a red piece of machinery. The scene is filled with industrial equipment, pipes, and hoses.

ONE TEAM
ONE FAMILY

THE DWS ADVANTAGE

WE ARE A TECHNOLOGY COMPANY THAT SPECIALIZES IN HYDRAULIC COMPLETION & INTERVENTION SERVICES, COMPETENCY-BASED TRAINING, AND REAL-TIME DATA ANALYTICS.

OPERATIONS

Since 2018, we have serviced over 5,800 wells with 964 wells being completed in 2024.

Average HCU fleet age = 3.7 years
99.3% up-time: 42.25 hrs/NPT per 5,000 rig hours.

In 2024, we drilled out 773 wells averaging 65 plugs per well with an average lateral length of 12,725'.

Successfully completed 44 wells that held over 20,000' LL including a record measured depth of 32,954'.

Over \$19.0 M of critical spares across our DWS locations with an additional \$300K on each rig.

Growing Pump Division, equipped with 2250 & 2500 HP packages, to support all DWS operations.

HSQE & TRAINING

Finished 2024 with industry-leading safety stats - TRIR 0.52 / DART 0.39 / 0 Recordable Spills / PVIR 1.61

Our training centers located in the Permian and Appalachian basins include upgraded HCU simulators & 2 fully functional test wells.

Field employees completed 16,320 hours of training resulting in 240 Competency Promotions.

Only HCU company in North America that is API Q2 & ISO 9001:2015 certified, with an IADC globally accredited Competency Training Program.

ENGINEERING & ANALYTICS

We provide innovative solutions from pre-job planning and design, to real-time data analytics, enabling you to understand on-site performance and make immediate corrections.

B@RESITE

YOUR DOWNHOLE VISION

Real-Time vs. Modeled Torque & Drag Projections

Customizable Alarms & Dashboards

Planned vs. Actual (PvA) KPI Live Reporting

Live Automated Plug Tracker

Post Job Analytics AAR (After Action Review)



HYDRAULIC COMPLETION UNITS

285K|300K Lonestar Series

Our patented Hydraulic Completion Units (HCU) are developed with safety, efficiency, and a Data Acquisition System as the leading design concepts. Our disruptive HCUs specialize in the completion and workover of record-breaking laterals, multi-well pads, high-pressure operations, and complex fishing programs.

KEY FEATURES

- 20K anchor block design
- 3K SWL Gin Pole integrated with counterbalanced winch system
- Patented buckling support system for high-pressure operations
- Class 1/DIV 2 intrinsically safe upper and lower basket lighting for 24 hr. operations
- DWS patented Data Acquisition System available
- Under 6 truckloads to move the entire HCU package



SPECIFICATIONS



Unit Weight (lb)	60,000–65,000
Max. push capacity (lb)	142,000
Max. lift capacity (lb)	285,000
Rotary (ft/lb)/RPM	10,000/120
Swivel/Kelley (10K) WP	Yes
Stripping BOPs (10K or 5K)	Yes
10K BO/EQ System	Yes
Electric Power Pack Option	Yes

One Pick Rig-Over Technology

Yes
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HYDRAULIC COMPLETION UNITS

285K|300K Patriot Series

Our patented Hydraulic Completion Units (HCU) are developed with safety, efficiency, and a Data Acquisition System as the leading design concepts. Our disruptive HCUs specialize in the completion and workover of record-breaking laterals, multi-well pads, high-pressure operations, and complex fishing programs.

KEY FEATURES

- 4-slips (2-traveling / 2-stationary); Full-bore Cavin style 300K rated
- 6K SWL Gin Pole integrated with hydraulic scoping and secondary locking device
- 20K split anchor block designs (x2 10K stackable)
- Patented buckling support system for high-pressure operations
- Integrated hydraulic gallery with internal cooling system
- Telescoping mousehole for quick-in-basket drill kelly connections
- Fully integrated DWS patented Data Acquisition System



SPECIFICATIONS



Unit Weight (lb)	70,000–75,000
Max. push capacity (lb)	150,000
Max. lift capacity (lb)	300,000
Rotary (ft/lb)/RPM	10,000/120
Swivel/Kelley (10K or 15K)	Yes
BOPs (15K)	Yes
Annular BOP (5K)	Yes
15K BO/EQ System	Yes
Electric Power Pack Option	Yes
One Pick Rig-Over Technology	Yes

BLOW OUT PREVENTERS



10K | 15K

Manufactured in the USA and certified to API 16A & 6A, our lineup of primary 10K & 15K BOPs and accumulators are designed to provide the highest level of well control & QA/QC assurance and traceability to your wellbore interventions.

10K & 15K PRIMARY BOPS

KEY FEATURES

- 7 1/16" double & single gate options w/ flanged side outlets
- 7 1/16" flow cross w/ dual 2" & 4" MGVs with 3" & 4" HCR options
- Large bore shear bonnets w/ tandem boosters – standard SBR & low force shear rams
- 10K Shaffer Style Annulars available

120 & 250 GAL. CLOSING UNITS

KEY FEATURES

- 6 & 8 bottle units
- 5 & 6 station set-ups w/ electric over hydraulic PLC remote panels
- Twin diesel motor pump assembly or 1 electric motor pump assembly with 1 diesel motor pump certified to API STD 53
- Additional N2 backup power source



HOT TAP KIT

5K

Got trapped pressure? Our experienced DWS pressure management specialists utilize our compact & mobile 5,000 psi hot tap drill to alleviate the trapped pressure in a controlled and safe process. From casing valves to drill pipe, our team is ready to help you get your production back online.

KEY FEATURES

- Compact design that enables it to be packaged and delivered to a location in the bed of a pick-up truck
- 5,000 PSI test pump and pressure control manifold 1/2" and 3/8" drill bits
- 2.375", 2.875" & 3.5" saddle clamps
- 5,000 PSI drill with 18" stroke
- Bit guide spacers



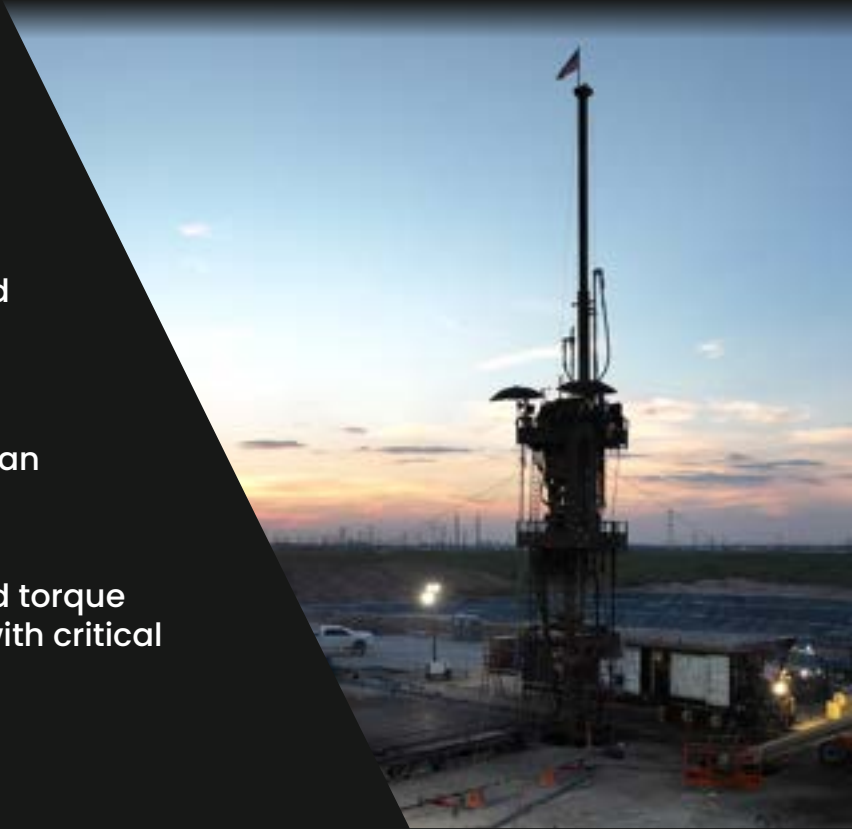
TORQUE & TEST

15K | 20K

Our DWS Torque and Test packages provide cost-efficient and reliable onsite nipple up/down and pressure testing services. Our professional Torque & Test crews have the expertise and equipment to support your drilling, completions, and production operations.

KEY FEATURES

- 15K and 20K trailer-mounted hydrostatic test units
- Up to 225-gallon reservoirs with return tanks to isolate contaminants
- All units equipped with pressure reliefs and rupture discs
- All units are equipped with a hydraulic pump, rated for 1.2 gpm at 10,000 psi, with an independent backup pump and wrenches
- All equipment critical gauge recorders and torque equipment are calibrated and equipped with critical spares



PUMP SERVICES

RENTALS

Our 2250–2500HP Pumps are equipped with C-Pump packages, Hydraulic/Electric starters, and industry-leading Data Acquisition Systems proudly manufactured, tested, and serviced in the USA. From high-pressure, long lateral completions to workover interventions, our dedicated pump operation & maintenance teams will deliver safe & efficient results.

NORTHEASTERN PUMPS

2250HP PRESSURE PUMPING UNITS

2250 Horsepower Engines

5" Triplet Fluid Ends

2250 Horsepower-Rated Transmissions

Hydraulic Starter Packs

300' Iron Packages

Chemical Hopper Optional

24/7 Data Logging



SOUTHERN PUMPS

2500HP PRESSURE PUMPING UNITS

2500 Horsepower Engines

4–4.5" Quintuplex Fluid Ends

2500 Horsepower Rated Transmissions

Electric Start Systems

Unit-Mounted C-Pump

450' Iron Packages

24/7 Data Logging

Pressure Testing Mode

ELECTRIC POWERPACK

GENERAL SYSTEM OVERVIEW

ELECTRIC MOTORS

- All pump groups are driven by VFD-controlled 230/460 VAC, 2250 RPM, 3 PH, 60 Hz electric motors.

RESERVOIR

- One (1) 700-gallon hydraulic reservoir supports all 4 pump groups.

FLOW CONTROL

- 10 electrically operated unloading valves at each hydraulic pump.

IMPLEMENTATION & UNIQUE VALUE

SETTING A NEW STANDARD IN THE INDUSTRY



The first electric power pack engineered to drive HCU operations.

Plug-and-play power anytime, anywhere, on-site or off-grid.

KEY BENEFITS

- Cuts diesel costs by over 90%, delivering substantial operational savings.
- Reduces noise levels by 42.5% (74 dB(A) at 6 ft) for a quieter, safer worksite.
- Eliminates emissions entirely—100% cleaner operations.



Who We Are

A new oilfield service company providing step change improvement to conventional flowback operations.

AutoSep® is a standalone provider of **automated, closed-loop** flowback systems that modernize conventional operations and elevate safety, efficiency, and cost performance.

Our ACU Technology integrates **real-time measurement** and **automated controls** to minimize redzone exposure, cut emissions, and drive predictable, repeatable performance.

AutoSep® Control Units ACUs

Deployed across the Marcellus and Utica Shale formations, our ACUs have successfully managed flow rates of up to **50 MMcf/day** and **250 barrels** of water per hour.

Revolutionizing the first **fully redundant & automated, closed-loop flowback system.**

Automation from Start to Finish

Fully automated choke actuators and valves **eliminate emissions** and create a seamless transition when changing chokes or clearing debris catchers.

4-in 1 Design that Maximizes Safety & Cost Savings

Combining the **Manifolds, Sand Trap, Separator Vessel** and **Junk Catcher** into one automated platform reduces manual connections and costs associated with logistics, post-job repairs, and containment.

Reduces Risk While Improving On-Site Efficiencies

AutoSep's® Control Units (ACU) can be remotely operated and require **~50% less equipment, labor, and footprint** compared to traditional flowback equipment.

The AutoSep Advantage

Dual 5k vertical design with an integrated debris catcher & choke manifold capable of handling **2 wells per skid**.

Reduces trucking loads & permits, rig up/down time, and onsite labor.

Primary & Secondary Dump systems with **auto shutdown** systems to ensure safe flowback operations.

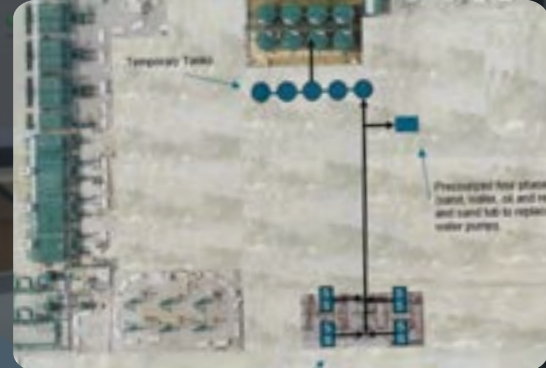
Multi-stage pressure transmitters automatically adjust to maintain consistent pressure, **safeguarding upstream & downstream** assets.

Does not require confined space entry for post-job cleaning, which reduces risks and costs.

before



after



on a 6-well pad

Accuracy

Backed by BoreSite®, data is constantly streamed for real-time monitoring of KPIs, trends in the well, and autonomous, responsive choke adjustments.

Accountability

Transparent live data allows our operators to provide customers with consistently accurate logged points.

Repeatability

Our Programmable Logic Computer (PLC) automatically drives replicatable actions within our equipment based on historical data captured.

Safety

With only **~5% red zone exposure** monitored per operator/shift, our remote capabilities keep crews out of harms way, while predicting downhole issues through captured data variances.

Through collaborative energy industry efforts, we strive to evolve flowback solutions by capitalizing on modernization, automation, efficiency, and environmental consciousness.

AMERICAN WELL CONTROL ACADEMY



AWCA pledges to bring various corners of the oil and gas industry together to assist in grasping the complexities of well control to achieve incident-free operations.

OUR MISSION

To offer an ideal learning environment promoting safety, integrity, confidence, and technical competence for well-control training through continuous education, real-world experience, and classroom instruction.



IADC'S IMPROVED ASSESSMENT PROCESS ENSURES INTEGRITY AND CONSISTENCY

- Centralized electronic testing system, including random test generation
- Immediate test results and feedback based on learning objectives
- Independently proctored assessments
- Strengthened instructor qualification requirements

WHAT SETS US APART?

AWCA's unique training simulators, flexible scheduling, including weekend training, virtual classroom options, and a relentless focus on creating personalized learning experiences are some of the key differentiators that AWCA provides to their valued clients.

- IADC WellSharp-approved Oil & Gas educational courses provided across 7 US locations
- Traveling Courses Available
- Access to an Instructor throughout certification period
- Multiple Simulators Available
 - 5 Physical Simulators
 - Access to Virtual Simulators

REGISTER TODAY



WELL CONTROL - OUR PASSION, YOUR SUCCESS.





**To Develop Leaders and Solutions that Deliver
Life Sustaining Energy to the World**

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