



HYDRAULIC COMPLETION AND WORKOVER SOLUTIONS

BE PROFESSIONAL. BE FIRST.



DWS ADVANTAGE

Deep Well Services is a Hydraulic Completion Unit (HCU) and workover company specializing in high-pressure, long-lateral, and multi-well completions. We consistently deliver safe and efficient results through top-tier talent, leading-edge technology, and partnerships built on trust and reliability.

A photograph of three workers in safety gear (hard hats, safety glasses, and high-visibility vests) operating industrial equipment. One worker is in the foreground, seen from the back, wearing a grey shirt and a white hard hat with a red and blue stripe. Another worker is in the middle ground, wearing a grey shirt and a white hard hat, looking towards the right. A third worker is on the right, wearing a dark shirt and a white hard hat, looking towards the middle worker. They are surrounded by red and black industrial machinery. The background shows a construction site with various equipment and structures.

ONE TEAM. ONE FAMILY.

DWS ADVANTAGE

SAFETY



QUALITY



TRAINING

- Only Snubbing company in North America that is **API Q2 & ISO 9001:2015 certified**, governing all aspects of our business to guarantee quality and continuous improvement
- IADC Global Accredited Competency Training Program
 - Drilled a fully cased test well at both our PA & TX facilities for training initiatives
 - 3 Snubbing simulators (PA, TX & Argentina) and a fully functional NE test well
- Our multi-basin Training Department is led by a team with over 40 years of combined international experience in snubbing, workover rig, and safety

OPERATIONS



EFFICIENCIES



SUPPORT

- Have used our HCU Technology to complete over 5,000 drill-outs, to date, across every major US shale basin
- Completed ~1,100 wells for 52 different US operators in 2022
- 99% up-time; an average of 50hrs/NPT per 5,000 rig hours
- Pre-job planning by Safety, Operations, Business Development, and Quality Control
- 24/7 Fleet, Operations, Maintenance, and Safety support
- Over \$8.7M of critical spares, backup equipment, and contingency planning
- Daily operations supported by Engineering, Field Supervisors, and Superintendents, increasing customer safety and efficiencies
- Currently, hold North American HCU record for longest completed lateral (21,483 ft) and completed TMD well (30,746 ft)

TECHNOLOGY



BUSINESS INTELLIGENCE



ESG

- Maximize efficiency, reduce cost, and mitigate risk with real-time actionable data Predictive well modeling solutions to prepare for any challenge
- Standardized post-well reporting and AAR process for continual improvement
- 95% success rate of meeting or exceeding our customer and DWS set KPI benchmarks, dedicated Data Analytics & Business Intelligence team, and process to provide fact-based solutions with real-time data

HYDRAULIC COMPLETION UNIT

142K | 285K | 300K

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.

FLEX SERIES

KEY FEATURES:

- 3K SWL Gin pole integrated with hydraulic scoping winch package
- Ability to outfit with tubing swivel/kelly if required (10K psi)
- Patented buckling support system for high-pressure operations
- Ability to convert RA to SA configuration with addition of gin pole and 10K anchor/guyline package
- 4-slips (2-traveling/2-stationary); Full-bore Cavin style 250K rated
- Intrinsically safe basket lighting for 24 hr. operations



SPECIFICATIONS

Unit Weight (lb)	30,000-35,000
Max. push capacity (lb)	71,000
Max. lift capacity (lb)	142,000
Stripping BOPs (10K or 5K)	Yes
Annular BOP	Yes
Slip interlock system	Yes
High Torque Tong	Yes
Service Rig or Standalone Capabilities	Yes



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LONESTAR SERIES

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/Kelly (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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PATRIOT SERIES

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/Kelly (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:

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



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 is calibrated and equipped with critical spares



ENGINEERING & ANALYTICS



BoreSite is a patented Data Acquisition System (DAS) exclusively designed to capture and transform wellsite data into valuable insight for operators within the Upstream Oil & Gas Industry.

KEY FEATURES:

Our live feed data provides real-time visibility into operation(s) anywhere in the world, enabling anyone to understand on-site performance and make immediate corrections.



Customizable Alarms and Dashboards

- Fully customizable dashboard & user reports allowing you to **view the data that matters most to you.**
- Set operational parameters & notification alarms that are **delivered the way you want it.**



Real-time Automated Plug Tracker

- Our real-time automated plug tracker improves data accuracy, provides plug-by-plug KPIs, and eliminates pen-to-paper data collection during the frac plug drill-out operation.



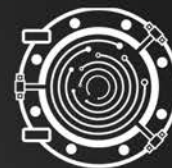
Built-in Data Analytics and User Reports

- Built-in data analytics providing access to current & historical well KPIs, After-Action Reviews, NPT reports, Rig comparisons, and other key data sets to drive continuous improvement.

BORESITE DATA VAULT

Maintain full internal control of your data through our BoreSite Data Vault

- This cloud-based portal delivers infinite secure data retention and is supported by Microsoft authentication, allowing you to access your historical **well data anytime, anywhere.**
- Row-level security - only able to directly access your data.
- Instant download capabilities, including raw CSV formats for internal analysis.



**BORESITE
DATA VAULT**
CLOUD-BASED DATA PORTAL



ENGINEERING & ANALYTICS

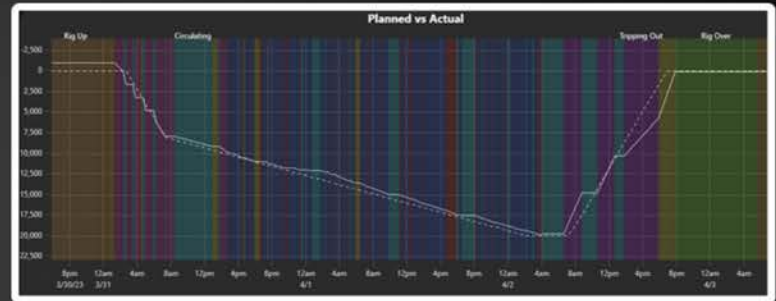


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BORESITE PLANNED VS. ACTUAL (PVA)

By analyzing our database with 4,000+ historical wells, we have developed true KPI benchmarks that are plotted & trended against real-time KPI data, creating a proactive approach to increasing wellsite efficiencies.

Our BoreSite Planned vs. Actual (PvA) KPI feature allows your team to make immediate onsite improvements by comparing historical data vs. your current operations in real time.



BORESITE PLANNED VS. ACTUAL (PVA)

A patented process within **BoreSite** allows modeled torque and drag simulations to overlap actual live drilling torque that, results in substantial cost savings through chemical and fluid efficiencies.



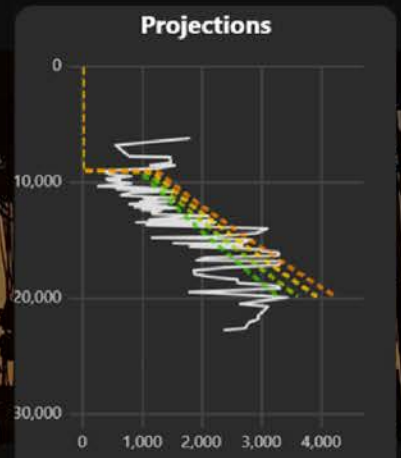
Using overlapping T&D modeled vs. real-time drilling data provides full clarity on Changing Downhole Conditions and Circulation Programs To Optimize Downhole Performance.



Instantly compare friction factor sensitivity analysis trends vs. live chemical injection rates to better understand and manage wellbore debris and drilling ROPs.



Seamlessly integrated with other data sources on location. The BoreSite portal is designed to support streaming other data providers on your location via our tie-in points & dashboard.



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 provide 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
WELLSHARP**
Accredited since 08/19/19

OUR INNOVATIVE TEACHING METHODS HAVE BECOME AN INDUSTRY LEADER IN ONSHORE & OFFSHORE WELL CONTROL CERTIFICATION

AWCA instills higher levels of learning and competency in our clients, providing the ability to transition the knowledge they gained during training back to their work environments.

Trainees gain more in-depth, role-specific knowledge and the confidence needed to prevent safety incidents or respond quickly and effectively when unforeseen events occur.

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



WELL CONTROL- OUR PASSION, YOUR SUCCESS.

AMERICAN WELL CONTROL ACADEMY



From a single classroom setting in Lafayette, LA, to now providing premier IADC WellSharp-approved Oil & Gas educational courses across 6 US locations.



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.

- Traveling Courses Available
- Access to an Instructor throughout the current certification period until the next certification
- Multiple Simulators Available
 - 5 Physical Simulators
 - Access to Virtual Simulators

STUDENT TESTIMONIALS

"I HAVE OVER 35 YEARS OF EXPERIENCE IN THE OIL AND GAS INDUSTRY AND HAVE TAKEN THE WELL CONTROL COURSE MORE THAN 15 TIMES. AWCA'S WAS THE BEST YET...AND THAT AIN'T BS!"



"EXCELLENT JOB OF BREAKING DOWN THE MATERIAL, VERY HANDS-ON APPROACH. AWCA TAKES PRIDE IN MAKING SURE YOU UNDERSTAND THE MATERIAL. WELL DONE!!"



"I CAN EASILY RATE THIS AS ONE OF THE BEST, GAINING MORE PRACTICAL KNOWLEDGE DUE TO THE TEACHING METHOD. THE INSTRUCTOR IS EXCELLENT, GREAT COMMUNICATOR!"



REGISTER TODAY



SCAN ME



WELL CONTROL- OUR PASSION, YOUR SUCCESS.



STAY CONNECTED





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

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