



RANGER LEADS THE WAY

Why Ranger Energy Services?

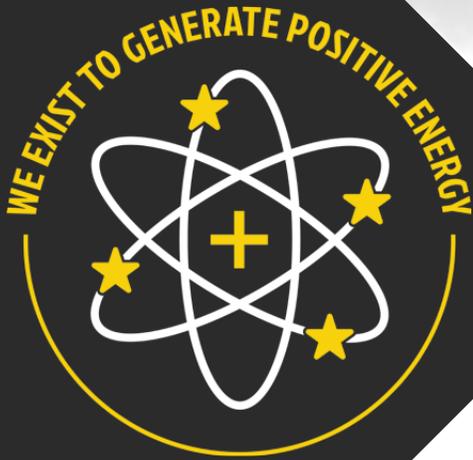


Ranger takes pride in providing our customers with superior performance and value. We accomplish this by deploying safe & experienced crews, state-of-the-art equipment, and a high performance culture. We offer the following value:

- **POSITIVE ENERGY CULTURE**
- **HIGHLY QUALIFIED TEAM**
- **AWARD-WINNING SAFETY ENVIRONMENT**
- **RANGER LIVE™ MOBILE PLATFORM**
- **RANGER ELITE™ COMPLETION SOLUTIONS**
- **ADVANCED SERVICE SOLUTIONS**
- **STATE OF THE ART EQUIPMENT**
- **BROAD GEOGRAPHIC COVERAGE**



Positive Energy Culture



RANGER'S POSITIVE ENERGY CULTURE

Ranger is building a high performance culture based on our purpose and values. We are striving to create this culture on a daily basis through healthy debate, supporting one another, delivering above expectations, and celebrating each other's success.

CORE VALUES AND BEHAVIORS



WE DRIVE NEW THINKING

- + Encourage Input
- + Keep An Open Mind
- + Obliterate The Status Quo

We encourage everyone's input to share how we can invent new products, services and procedures. We aren't afraid to engage in healthy debate. The innovation that results is what sets us apart from our competition.



WE REDEFINE SERVICE

- + Anticipate Needs
- + Advocate For Others
- + Exceed Expectations

Relationships are the currency upon which our business thrives. We put ourselves in the shoes of others to anticipate their needs, to take action, and support them in achieving their objectives. We go beyond to build our reputation in our industry by delivering above expectations each and every time.

OUR PURPOSE

We exist to generate **positive energy.**



OUR MISSION

By challenging ourselves and others to think differently about what is and fostering curiosity for what can be, we infuse the world with optimism and possibility.



OUR VISION

We see a future in which everyone has the opportunity to thrive and our collective efforts have elevated the way energy is resourced.



WE RAISE THE STANDARDS

- + Take Ownership
- + Continuously Improve
- + Dream Bigger

We take responsibility for supporting one another and our clients in moving forward. We challenge each other to improve and to leave things better than we found them. This means encouraging the best and celebrating so that we all rise up together.



WE RISE TO CHALLENGES

- + Remove Barriers
- + Stick With It
- + Enjoy The Ride

When a roadblock is thrown in our path, we pull together to eliminate barriers and overcome the challenge. We come to work every day filled with positive energy, a smile on our face and willing to stick through to the end to accomplish what needs to be done that day. We enjoy working together and celebrate each other's success.

Highly Qualified Team

Ranger views **Competency Assurance** as being an integral part of the employment life cycle and providing high quality services. Hiring, Onboarding, Training and Development are key areas of focus throughout the employee's career with Ranger. By focusing on these critical areas throughout their career, employees are armed to complete their jobs with Ranger quality standards, to excel and to advance their career.

As a result, Ranger deploys highly qualified completion and workover teams capable of performing multiple rig based positions. Many of the best crew members possess the experience and ability to work in multiple roles ranging from Floorhand to Rig Operator.





HIRING

Hiring Managers receive training on *Guided Interview Questions*. Applicants are asked structured questions that are designed to assess experience, character, and qualifications. The results help to indicate a candidate's skills and potential, which can be used as a base line for a given competency.



ONBOARDING

All new employees complete a three day Ranger Boot Camp including SAFE LAND safety training and Ranger Standard Operating Procedures (SOP) training. New employees are assessed on their work experience and ability to complete a general knowledge questionnaire. Employees new to well servicing and with limited oilfield experience are classified as a Short Service Employee (SSE). An SSE receives additional hands-on training, coaching, and mentoring over 180 days with periodic management readiness and development assessments.



TRAINING

At Ranger everyone has the opportunity to thrive in an environment of learning and continuous improvement. This is supported by a Learning Management System (LMS) designed to help employees grow. The LMS provides access to multiple high-quality e-learning programs which include certifications. In addition, the LMS tracks and maintains Ranger's three step process of ensuring SOP competency: (1) SOP training, (2) SOP demonstration, and (3) SOP testing.



DEVELOPMENT

The *Ranger Leadership Development Workshop* is designed for front-line and mid-level management. The four day workshop emphasizes the Ranger Positive Energy Culture, values, and motivation, providing feedback and managing up, management concepts and styles, diversity in the workplace, team building, employee selection, time management, self-assessment, discipline and separation.

**HIGHLY QUALIFIED
PERSONNEL**



QHSE Management System

Ranger is focused on providing the highest quality of service while protecting our employees and the environment in which we work. To achieve this objective, we have implemented an award-winning, behavior-based QHSE management system that is supported by the Ranger Live™ Mobile Platform. Further, Ranger is pursuing the ISO 45001 certification which is the internationally recognized standard relating to health and safety in a business environment.

Thirty-six elements form the Ranger QHSE Management System. Together, they form a complex interrelated structure with maximum synergies where one element supports many other elements. The six core elements of our system include: Policies and Procedures, Executive Leadership, Employee Engagement, Continuous Improvement and Failure Adaptation, all supported by the Ranger Live™ Mobile Platform.





EMPLOYEE ENGAGEMENT

Ranger employees receive various levels of training and career development including onboarding, a Short-Service Employee (SSE) mentored development program, a three-tiered approach to Standard Operating Procedure (SOP) training, leadership training, and competency assurance. Further, goals and KPI's are established for each operating team, individual fitness for duty is assessed, and stop work accountability is used to assess non-standard operating procedures. Finally, a Learning Management System (LMS) is used to deliver training materials, track progress, and manage employee training records.



RANGER LIVE™

The Ranger Live™ Mobile Platform reinforces several core elements of the QHSE Management System. eQHSE supports Employee Engagement, Policies and Procedures, and Continuous Improvement. eDrive supports safe driving, journey management and provides individual driver scorecards for driving behavior improvement. Finally, ePMM supports Ranger's Preventive Maintenance Management system with periodic equipment inspection forms and scheduled maintenance work orders.



CONTINUOUS IMPROVEMENT

Ranger focuses on raising the standards through Continuous Improvement and Failure Adaptation. A Daily work plan and Job Safety Analysis (JSA) is completed for every working shift as the basic building block for safe operations and continuous improvement. When at-risk conditions or behaviors are witnessed, observation cards are submitted via the Ranger Live™ eQHSE Mobile App. Incident investigations are conducted using Root Cause Analysis (RCA) and corrective actions are identified. Corrective actions are tracked to full implementation and Safety Alerts are distributed to inform all impacted employees. Significant incidents are presented to an executive incident review board to ensure sufficient corrective actions are implemented.

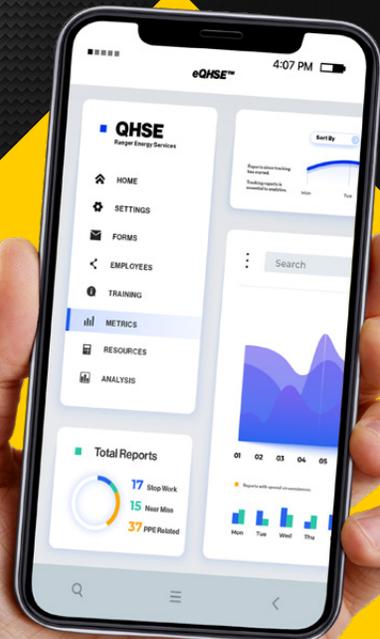


RANGER LIVE™ MOBILE PLATFORM

Ranger has developed the Ranger Live™ mobile platform to deliver a customized suite of applications to our field crews at the job site via tablet. The suite includes eQHSE™ safety and quality system, eDrive™ vehicle tracking and driver behavior management system, eTicket™ electronic ticketing system, eRIGS™ Real time Data Acquisition system and cloud monitoring and ePMM™ preventive maintenance management system.



Ranger Live™
eQHSE™ Mobile
Application





- › Data transmission via cloud and internet
- › Data stored on Ranger sequel server database
- › Access via laptop, tablet or smart phone

Ranger Live™ Applications



Ranger eQHSE™

- › Safety and Quality System
- › Policies, procedures, forms, safety alerts and push notifications
- › Learning Management System with SOP training and assessment
- › Observation entry, root cause analysis, corrective actions
- › Short Service Employee program management



Ranger eDrive™

- › Vehicle tracking and management
- › Driver Vehicle Inspection Report
- › Driver behavior improvement via scorecard
- › Management dashboard and reports



Ranger eTicket™

- › Electronic ticketing system
- › Captures work activities & duration
- › Well information, personnel and equipment
- › Operational metrics for post-job reporting & benchmarking



Ranger eRIGS™

- › Real-time Data Acquisition System with Cloud Portal
- › Capture pump pressure, rate, volume and temperature
- › Capture rig depth, string weight, block height and tong torque
- › Operational metrics for post-job reporting and benchmarking



Ranger ePMM™

- › Preventive Maintenance Management System
- › Periodic equipment inspection forms
- › Maintenance work order scheduling and documentation
- › Minimize unscheduled maintenance

R+

RANGER LIVE™



eQHSE™

Ranger Energy Services

- HOME
- SETTINGS
- FORMS
- EMPLOYEES
- TRAINING
- METRICS**
- RESOURCES
- ANALYSIS

Total Reports

- 17 Stop Work
- 15 Near Miss
- 37 PPE Related

eDrive™

David McKeever
Fleet Score: 99.4

Driver Scorecard

Sorted by Score

10 Dec	Incident Free	99.0	P209 - Abraham	Light Duty F
09 Dec	Incident Free	98.3	P070 - Fawn	Light Duty F
09 Dec	Incident Free	97.5	P2030 - Toby	Light Duty F
09 Dec	Incident Free	97.2	P328 - Mick	Light Duty F
09 Dec	Incident Free	97.0	P55134 - Omar	Light Duty F
09 Dec	Incident Free	96.4		

eTicket™

Completed Jobs

Month	Jobs
MAY	28
JUNE	150
JULY	215
AUGUST	266

Average Hours Per Week

Month	Hours
MAY	31
JUNE	44
JULY	41
AUGUST	40

eRIGS™

Choke Pos: 2ft, Risk In Tot: 15:00

Block Pos: 25ft, Pump (Clockwise): 420PSI

Tong Torque Actual: 1.5k ft-lb

Drum Torque Actual: 650% lb

Activity

Rig Down	4/27/2020, 7:53:43 AM
Rig Up	4/27/2020, 7:02:22 AM
PUMP/CIRC	4/27/2020, 6:55:10 AM
Trip	4/27/2020, 6:22:11 AM
Rig Up	4/27/2020, 6:14:41 AM
Trip	4/27/2020, 5:49:15 AM

ePMM™

7:40 PM

SCHEDULED MAINTENANCE

Elevator Links	CAT III Inspection	5/18/2020	Percent Due: 89%
Traveling Block	CAT IV Inspection	5/20/2020	Percent Due: 85%
Mast	CAT III Inspection	6/01/2020	Percent Due: 81%
Elevator	CAT IV Inspection	6/02/2020	Percent Due: 80%
Crown Block	Cat IV Inspection	8/11/2020	Percent Due: 78%
Power Swivel	CAT III Inspection	9/13/2020	Percent Due: 70%

eQHSE™

eDrive™

eTicket™

eRIGS™

ePMM™

Ranger Elite™ Completion Solutions

Ranger Elite is a comprehensive frac plug drillout and completion solution including Elite Personnel with Ranger Readiness Personnel Certification, state-of-the-art Elite Equipment with Ranger Readiness Equipment Certification, and Elite Systems and Solutions based on the Ranger Live™ mobile platform for real-time job monitoring and post-job metric reporting.

Elite Personnel

- › Highly trained and qualified
- › Well Control Certification
- › Ranger Readiness Personnel Certification
- › Supervisor Leadership Training

Elite Systems & Solutions

- › Ranger Live™ Mobile Platform
- › eRIGS™ Data Acquisition System
- › Ranger Live™ Customer Portal
- › Ranger Live™ Control Center
- › Pre-job Torque & Drag and Hydraulics modeling
- › Post-job metric reporting

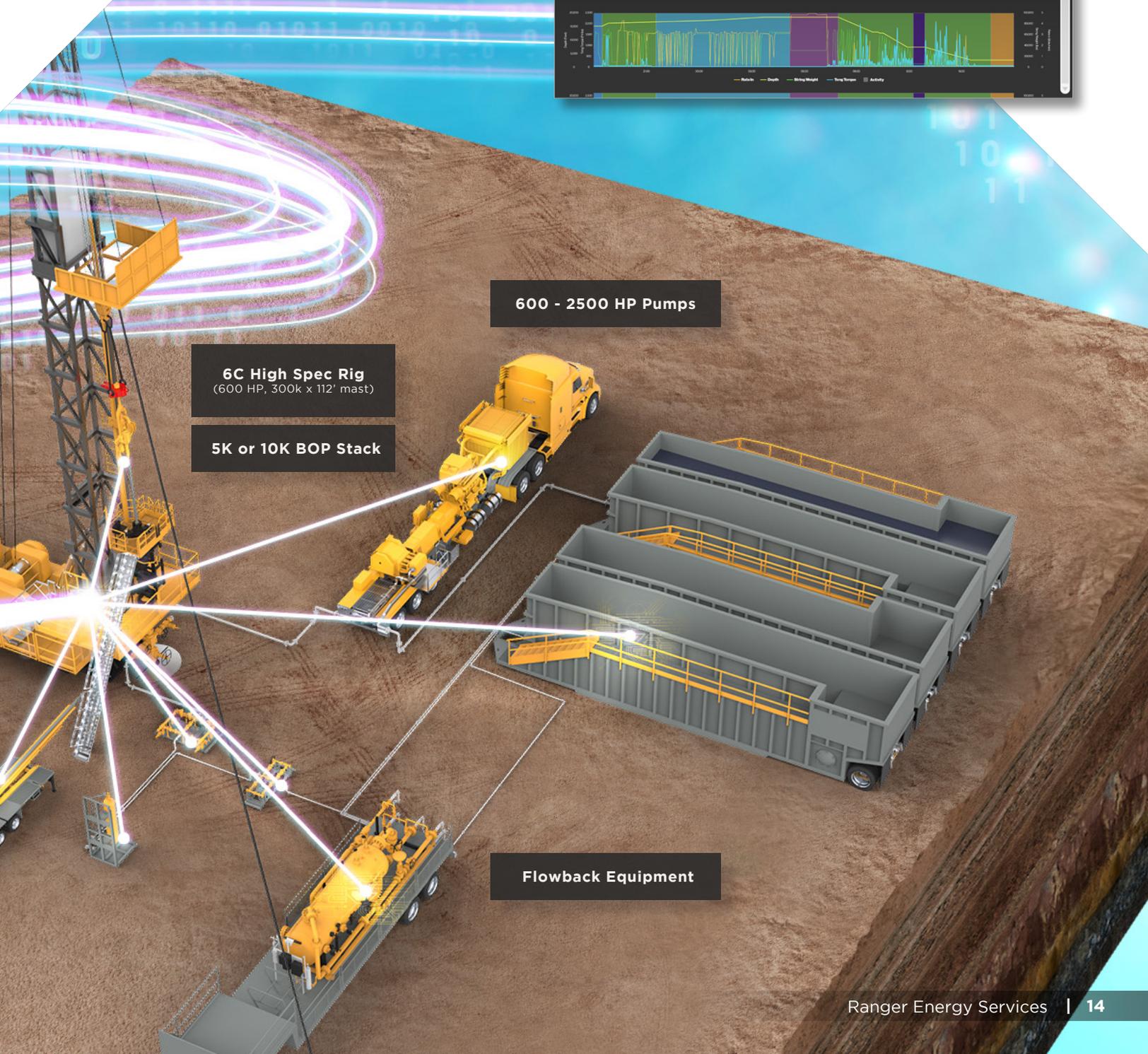
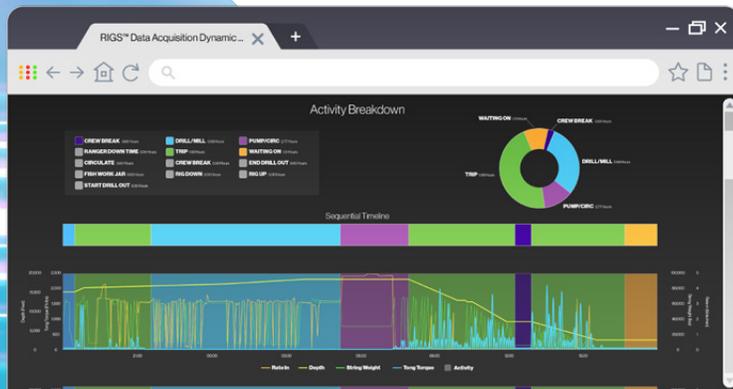
Elite Equipment

- › State-of-the-art equipment
- › 6C High Spec Rig
- › 600 - 2500 HP pumps
- › Rig-assist snubbing unit
- › API Certified BOP stack
- › High elevation pipe handler
- › High torque power swivel
- › Mixing plant and chemicals
- › Cuttings and fluid separation
- › Bottom hole assembly
- › Ranger Readiness Equipment Certification



Pipe Handler
Up to 40' elevation

eRIGS™ Dynamic Time Report



6C High Spec Rig
(600 HP, 300k x 112' mast)

5K or 10K BOP Stack

600 - 2500 HP Pumps

Flowback Equipment

Rig Service Solutions



STATE-OF-THE-ART EQUIPMENT

Ranger Energy Services offers one of the largest high-spec well servicing rig fleets in a comprehensive solution with our ancillary equipment rentals, rig-assist snubbing and drillout iron/manifolds for extended reach frac plug drillout and flowback completions.





SPECIFICATIONS

- › AESC Class IV, V and VI rigs
- › Modern fleet (>35% built since 2014)
- › Horsepower (90% > 500 HP)
- › Mast ratings to 300,000 lbs (90% > 240,000 lbs)
- › Mast heights to 117 ft (90% > 102 ft)
- › Work floor elevation up to 30 ft
- › Fluid pumps up to 2500 HP
- › High torque power swivels
- › Pipe handlers up to 40 ft elevation



APPLICATIONS

- › Completion of newly drilled wells
- › Frac plug drillout
- › Production string installation
- › Recompletion of existing wells
- › Maintenance of producing wells
- › Major workover of producing wells
- › Plug and Abandonment
- › Rig-Assist Snubbing applications

6C Mobile Rig

Rig Assist Snubbing Solutions

Ranger Energy Services offers rig assist snubbing in a comprehensive solution with our high-spec service rigs and ancillary equipment rentals for extended reach frac plug drillout completions and live well operations. Ranger's comprehensive solutions simplify logistics, maximize operational efficiency, minimize NPT and are more economical than using coiled tubing. Our personnel provide rig assist snubbing services efficiently and safely with the highest quality, health, safety and environmental standards.



EQUIPMENT

- › Truck: Peterbilt 348 horsepower
- › Power Unit: Denison triple pump, 220 gal 3,000 psi hydraulics
- › Jack: 5'-6.5' stroke with 3.5" pistons
- › Force: 60,000 lb snub, 120,000 lb lift
- › Pressure: 5,000 Ppsi and 10,000 psi
- › BOPs: 5M x 7-1/16" double ram, Servco style annular, API 6a
- › Accumulator: (3) 10 gallon bottles and (1) 5 gallon surge bottle
- › Hanger Flange: 7-1/16" x 5,000 psi
- › Slips: 225,000 lb capacity



APPLICATIONS

- › Frac plug drillout
- › Live well workovers prevent formation damage and eliminate the need for kill fluids
- › Snubbing out workstring, snubbing in production string after drill out
- › Snubbing or pulling production tubing and completion equipment
- › Fishing and major workovers
- › Snubbing casing in horizontal wells
- › Pulling or landing isolation hangers
- › Underbalanced drilling
- › SIMOPS

Snubbing Truck





Rig-Assist
Snubbing Unit

Equipment Rental Solutions

Ranger Energy Services offers a wide variety of equipment rental solutions for use in standalone applications or in a comprehensive solution with our high-spec service rigs, rig-assist snubbing and drillout iron/manifolds for extended reach frac plug drillout and flowback completions and workovers. Ranger equipment rentals are also ideal for efficient production maintenance, major workover and plug and abandonment operations.

Skid Pump



Pipe Handler



TOPS™





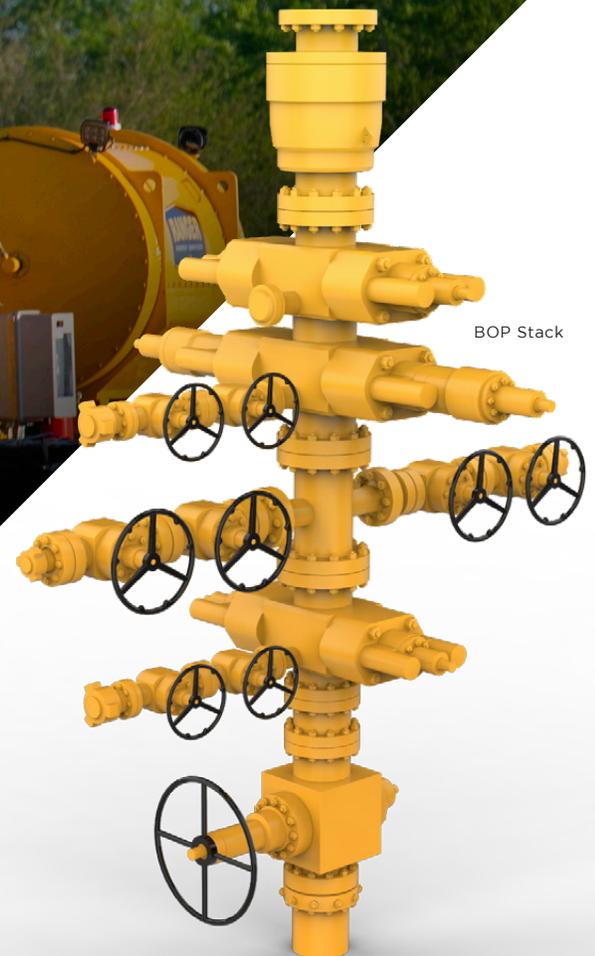
EQUIPMENT

- > Fluid Pumps up to 2500 HP
- > 5k and 10k Blow Out Preventers
- > Pipe Handlers (up to 40' elevation)
- > High Torque Power Swivels (up to 120 ton)
- > TOPS™ (Tong Operating and Positioning System)
- > Trailers (Company man, Cool down)
- > Handling Equipment

Pump Truck



BOP Stack



Frac Flowback & Well Testing Solutions



WELL TESTING

Well testing packages are customized for each application including the frac flowback package plus four-phase separator, indirect line heater and gas flare stack. This service includes fluid sampling and analysis of relevant pressure-volume-temperature data (PVT).

Our frac flowback and well testing solutions provide solids removal, fluid separation, and accurate flow rate measurements to achieve maximum production quickly. Ranger personnel perform well testing services efficiently and safely with the highest quality, health, safety and environmental standards.



FRAC WATCH

Manifolds and flow lines are serviced by our technicians who are prepared to handle screen out contingencies that may occur during hydraulic fracturing operations.



FRAC PLUG DRILLOUT

Our experienced flowback and high-spec service rig crews coordinate to drill out frac plugs, collect plug debris, and manage fluids. This comprehensive service simplifies logistics, maximizes operational efficiency, minimizes NPT and minimizes risk.



FRAC FLOWBACK

Typical configuration includes a cyclonic sand separator, ten-valve manifold, four-phase separator and atmospheric tanks to manage and separate returning proppant, plug debris, oil, water and gas effectively.



4 Phase Separator

Cyclonic Sand Trap

9 Valve Manifold

Plug Catcher Manifold



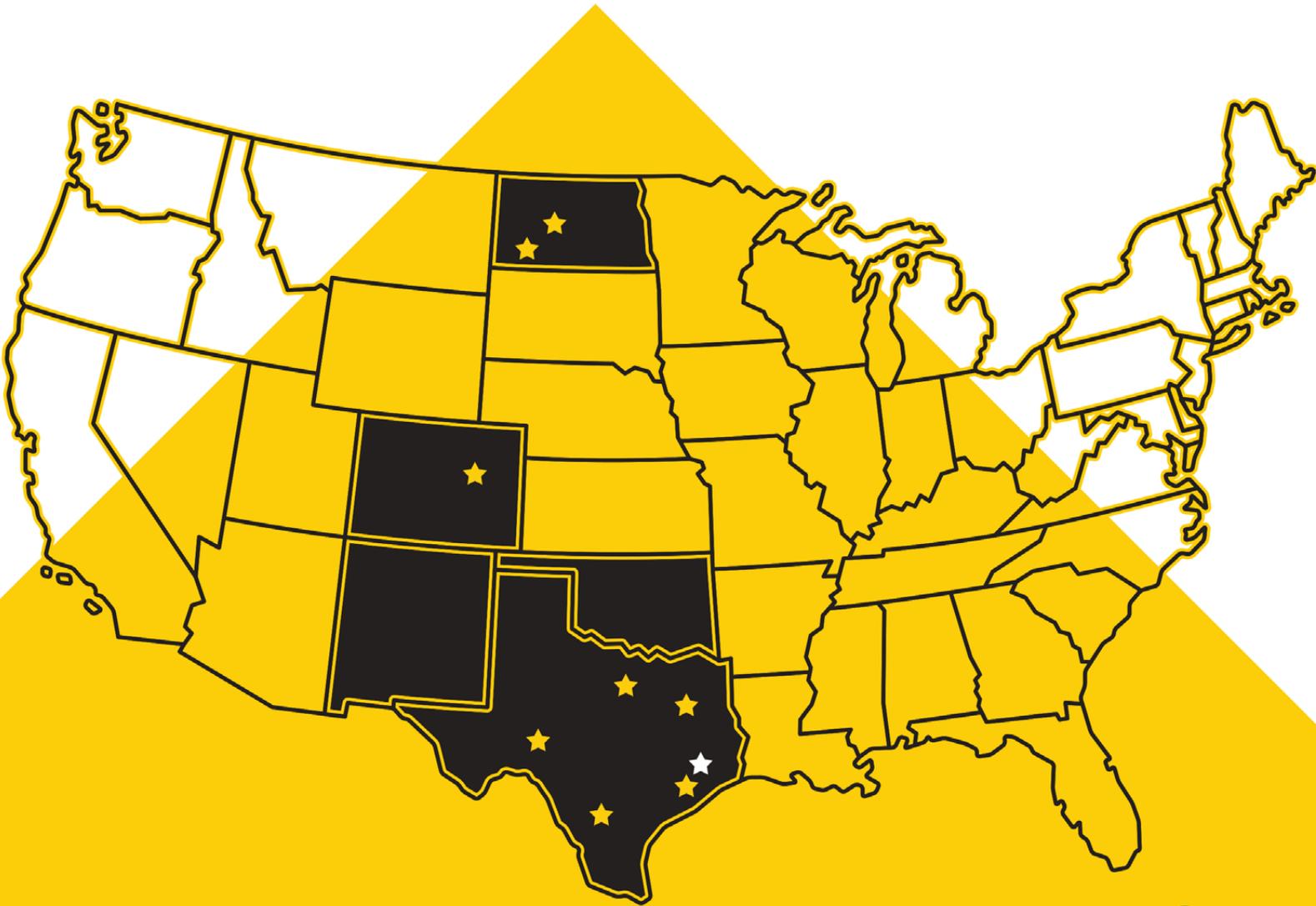
713-935-8900



contact@rangerenergy.com



10350 Richmond Avenue, Suite 550
Houston, TX 77042



www.rangerenergy.com



[/company/ranger-energy-services](https://www.linkedin.com/company/ranger-energy-services)



[/RangerEnergyServices](https://www.facebook.com/RangerEnergyServices)



[Ranger Energy Services](https://www.youtube.com/channel/UC...)



[/rangerenergyservices](https://www.instagram.com/rangerenergyservices)

