

## 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 comprehensive solutions simplify logistics, maximize operational efficiency, minimize NPT and are more economical than using coiled tubing. Ranger personnel provide rig assist snubbing services in an efficient and safe manner with the highest quality, health, safety and environmental standards.

RANGER LEADS THE WAY

### SPECIFICATIONS

- 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.
- 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.
- Snubbing out workstring, snubbing in production string after drill out.
- Live well workovers prevent formation damage and eliminate the need for kill fluids.
- 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

Rig Assist Snubbing Unit





## WHY CHOOSE RANGER SNUBBING SERVICES?

- **Experienced & highly qualified team**
- **State-of-the-art equipment**
- **High performance culture**
- **Robust, behavior based QHSE management system**
- **Continuous improvement program**
- **Innovative technology development**
- **Technical solutions for today's complex wells**

## EQUIPMENT

Our state-of-the-art inventory of compact rig assist snubbing units meet API standards and are maintained via a structured program to safely meet your snubbing requirements.

## QHSE

Ranger employs a robust behavior based HSE Management System and a QMS that aligns with API Q2 specifications including supplemental standard operating procedures.

## PERSONNEL

Our experienced rig assist snubbing operators can safely and effectively operate in all situations. We provide our snubbing personnel with specialized classroom training including well control to build proficiency in the latest techniques and QHSE procedures.

## LOCATIONS

We have several locations in the United States.

**PERMIAN BASIN**  
Midland, TX  
Hobbs, NM

**DJ BASIN**  
Milliken, CO

