

# 340K SASU

## STAND ALONE SNUBBING UNIT

### THE NEXT GENERATION IN EXTENDED REACH DRILLOUTS



#### INNOVATION THAT WORKS

When it comes to extended reach drillouts in today's shale plays, operators require a snubbing unit that allows for a longer reach than standard coiled tubing units can provide. Cudd Energy Services offers a cutting-edge alternative for an efficient, robust solution to drilling out multistage frac plugs on the longer, deeper horizontal wells of today: Introducing the newly redesigned 340K Stand-Alone Snubbing Unit (SASU).

The 340K SASU combines more than 40 years of field-based, engineering experience to deliver a state-of-the-art snubbing unit, boasting an integrated design that minimizes the unit's footprint and mobilization costs.

#### Key Features:

- Efficient drilling with no removal of slip hoses as required by conventional snubbing units
- Rotary capacities of 22,000 ft-lb at 100 rpm
- Total lift capacity of 340,000 lbs
- Snubbing capacity of 188,000 lbs
- API compliance; all wet containment meet NACE specifications
- Telescoping guide allows for full 10 ft stroke for all applications, including high pressure

#### ENGINEERED FOR OPTIMAL PERFORMANCE

Cudd is the industry leader in snubbing engineering and we deliver superior planning, design and execution. We provide a complete solution with dedicated 24/7 engineering support provided by experienced engineers. Before entering the wellbore, our front-end engineering team designates the appropriate equipment and tubulars to optimize operations for timely success.

#### The 340K SASU advantage includes:

- A 70-foot gin pole, with an available utility winch, to easily handle large BHAs
- A heavy-duty tong pole that accommodates large drillpipes and casing tong
- Dual counterbalance winches 2,000 lbs capacity



## SAFETY-FIRST CULTURE

At Cudd, safety is part of our culture, an obligation to our customers. New equipment designs, as well as tried and true practices, incorporate a safety-first objective inherent in each step of the process - from inception to execution.

Our safety-centered approach includes:

- Highly experienced Cudd crews provide safe, 24-hour operations
- Class 1, Div. 2 LED lighting located throughout the area for enhanced environmental awareness
- A dedicated emergency egress for all workers



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