SLICKLINE and BRAIDED LINE SERVICES

OVERVIEW
Our slickline and braided line solutions provide safe, reliable utility support for drilling, completions, production and pipeline operations. We offer a variety of cable types and sizes to accommodate many applications and environments with precision and accuracy. Coupled with the expert knowledge of our trained personnel and crew, our slickline and braided line services provide a safe and economical solution for wireline support.

With the industry shifting to include horizontal well operations, CES’ experience in problem solving is providing economical and reliable solutions in new markets. Our wireline coring service provides customers with a cost-efficient way to retrieve core samples without removing the entire drill pipe from the wellbore. Gradient tests offer an innovative solution to pinpoint the precise injection point in a gas lift system without pulling tubing or removing valves, saving time and resources.

GAS LIFT GRADIENTS
Gradient tests to determine the injection point in a gas lift system are commonly done by running a bottomhole pressure instruments and making stops 50 feet above and 50 feet below each gas lift mandrel. This data is usually very confusing and difficult to read.

Our innovative solution enables us to run the same instruments without making stops. Not only does this give us an accurate pressure reading, but it also records an accurate temperature gradient. We can clearly see the temperature drop caused by gas expansion, which is especially useful in locating a hole in the tubing or an injection point in a gas lift system.

MONITORING
Retrievable battery operated temperature and pressure tools can be installed downhole in wells adjacent to frac locations to monitor well conditions and determine whether or not well communication is taking place.

PIPELINE TETHER PULL SERVICES
By combining braided line technology with air compression, Cudd Energy Services (CES) is providing an economical solution to Magnetic Flux Leakage (MFL) testing of unpiggable pipelines. CES has successfully utilized this technique for smart tools or “pigs” ranging from 6” to 30” in outer diameter size.
APPLICATIONS
Our carbon steel slickline is available in .092 inch and .108 inch for sweet environments. The nickel alloy slickline in .108 inch and .125 inch are ideal for hydrogen sulfide and carbon dioxide environments. When additional strength is needed for larger heavy-duty fishing operations, the Dycam® braided lines, available in 0.1875 inch and 0.25 inch provide the required weight and durability for the job.

BENEFITS
• Cost effective procedures
• Ideal for short-run MFL pipeline testing (1 to 3 miles)
• Reduces risks associated with pressure pumping
• Compact equipment footprint for small locations
• Designed for use in High Consequence Areas (HCA)
• Mobilization anywhere in the United States

FEATURES
• Custom-designed flanges built at in-house facility
• Trucks equipped with weight, speed and length indicators
• Up to 25,000 feet of 3/16” Dycam® Braided Line with working strength up to 4,000 lbs.
• From 17,000 to 25,000 feet of 1/4” Dycam® Braided Line with working strength up to 6,500 lbs.
• Pull speeds ranging from 100 ft./min. to 1,000 ft./min.

- Bailing Sand and Debris
- Bottomhole Pressure & Temperature Surveys
- Broach Tubing & Plunger Installation
- Chipping Ice/Salt
- Fishing Operations
- Gauge Runs
- Gas Lift Gradient
- Kinley Perforator, Sandline Cutter, and Caliper
- Lubricating Long Assemblies in the hole
- Paraffin Cutting
- Pipeline Tether Pull
- Running Production Logging Tools
- Running Tailpipes
- Setting & Pulling Gas Lift Valves
- Setting & Pulling Plugs & Chokes
- Shifting Sleeves
- Spinner Surveys
- Tagging Total Depth (T.D.)
- Wireline Coring