

## SERVICES

### UNCONVENTIONAL RESOURCE DEVELOPMENT

Over the next 20 years, production from unconventional resource plays is expected to increase dramatically, with output from these previously nonproducing formations expected to make up the bulk of new reserves found in North America. All over the country — from Alaska’s North Slope stacked shales to California’s emerging Monterey play, across the Rocky Mountain’s Niobrara oil play to the Bakken of North Dakota and Montana — HXR’s personnel have been at the forefront of development. Our personnel have engineered and supervised wells in the Eagle Ford in south Texas as well as more conventional plays in west and north Texas, the Fayetteville in Arkansas, the Woodford in Oklahoma and, quite recently, our Drilling Specialists have been on projects in the Haynesville. All of these plays are being exploited with horizontal drilling, a practice HXR is extremely well suited to engineer and supervise. One of our founding partners was a Directional Driller and Extended Reach Drilling (ERD) Specialist as well as Horizontal Drilling Manager for a global directional drilling company.

HXR is currently expanding, positioning our Extended Reach Drilling division as a leader in providing engineering and supervisory services to all of the major and upcoming shale plays. HXR is particularly well positioned to provide Well Design Studies (WDS) to operators looking to drill wells in areas where they have no previous knowledge, as well as to provide rig-site Drilling Specialists who work with the rigsite drilling teams to ensure that the wells go smoothly, avoiding self-induced problems related to swab/surge, poor hole cleaning, torque and drag issues and insufficient hydraulics. Additionally, HXR can provide complete project management services, providing office- and rig-based engineering as well as rig-site supervision for whole projects, from one rig to an entire field development.

HXR is well positioned to supply engineering support and personnel for the following areas:

- Bakken
- Barnett
- Niobrara
- Bone Spring/Abo
- Haynesville
- Eagle Ford
- Woodford
- Granite Wash
- Marine Shale
- Shublik/Kingak Shale

## OPERATIONS MAP



**Call HXR before you start your next drilling project. From the North Slope to the South China Sea, we can help. We're good at it.**

Abu Dhabi  
Alaska (Cook Inlet)  
Alaska (North Slope)  
Angola (Offshore)  
Appalachian Basin

ArkLaTex  
Azerbaijan  
California (Offshore)  
Egypt (Offshore)  
Equatorial Guinea

Gulf of Mexico  
Mid-Continent  
North Sea  
Permian Basin  
Rocky Mountains

Saudi Arabia (Offshore)  
Saudi Arabia (Onshore)  
South Texas  
Western Canada  
Williston Basin