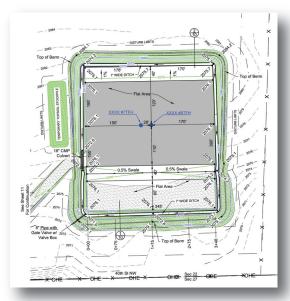
Engineering Services

Experience

At ECS our goal is to assist our clients from project inception through design, construction, inspection and management. ECS's design capabilities include offering site civil and water resource engineering services for natural resource and land development projects. Our staff includes engineers registered in 10 states throughout the west, Midwest and southeast with specialized experience in:

- Site Grading and Drainage
- Well Pad and Access Layout and Grading
- General Arrangement Layout and Grading Plans
- Floodplain/Stormwater Management and FEMA/Floodplain Submittals and Permitting



Commitment

At ECS our core market is the natural resource industry. As more of the production expansion in the shale oil plays focuses on pad expansion and infill wells, ECS has developed our capabilities to efficiently capture pad and access road as-built survey data to prepare pad expansion grading and drainage plans. These capabilities are pertinent as well to new wells and other site civil projects. Tasks commonly performed for our clients include:

- Pad layout, grading, drainage and EPSC plans
- Quantities and bid tab/evaluation assistance
- · Well connect general arrangement layout and schematic details
- Site disturbance, stormwater, and floodplain management permitting
- Slope and red/blue top staking

Success

ECS has prepared hundreds of well plats and grading plans in eastern Montana and western North Dakota. Our combination of 45 years of experience in the natural resources market in this region, adaptation to changing technologies, and professionals with specialized experience offer a unique blend of qualifications that lead to cost effective project solutions for our clients.

