



# ONE RUN SUCCESS - DJ BASIN, COLORADO

## Surface Casing to TD in One Run with C&J's USBS Motor



C&J Directional Services Ultra Short Bearing Section (USBS) motor has successfully drilled the vertical, curve, and lateral in one run in the DJ Basin, Weld County, Colorado.

**A total of 9 wells have been drilled with the USBS mud motor for a major operator in the Niobrara in Northeast Colorado.**

Four of these wells have been drilled in one run. Three of those four drilled from surface casing to total depth (TD) in one run saving the operator an estimated \$35k/well over the use of conventional directional tools that require a trip to change assemblies.



| WELL | MOTOR YIELD | LATERAL FTG | CIRC HRS | TOTAL FTG | ROP |
|------|-------------|-------------|----------|-----------|-----|
| A    | 15-16       | 4,793       | 44.1     | 9,892     | 245 |
| B    | 15-16       | 4,822       | 39.1     | 9,965     | 267 |
| C    | 15-16       | 9,891       | 81.7     | 14,324    | 197 |
| D    | 15-16       | 9,873       | 70.6     | 10,352    | 168 |

**C&J's proprietary USBS motor has been designed as the industry's shortest bit-to-bend bearing assembly.**

The 17-inch bit to bend with a 1° tilt angle yields consistent and repeatable doglegs. The stabilization of the bearing assembly is adjusted to match the motor yield to the build-up rate (BUR) needed for your specific project. The low bit offset of the 1° tilt angle combined with the ultra-short bit-to-bend distance delivers the benefit of using the same motor to drill the vertical, the curve, and the lateral sections of the well without having to trip to change assemblies. The superior bearing design ensures rotary and weight on bit (WOB) is not restricted by your motor which allows faster drilling and a smoother wellbore.

WANT TO LEARN MORE?  
Contact [DirectionalServices@cjenergy.com](mailto:DirectionalServices@cjenergy.com)