# What our customers say about the Lubra-Glide Bead Recovery Process

*"We are seeing big improvements in torque reduction, controlling under 30,000 ft/lbs in these 10 K Laterals…"*
*"We are out drilling competitors for these 10k laterals using conventional drilling tools and water base muds…"*
*"We can do 25 foot slides in 25 to 30 minutes, without the Beads and RU (recovery unit) it takes up to 3 hours…"*
*"Also it appears that the RU (recovery unit) can recover near 70% of our LCM products…"*
*"The equipment runs great and the service techs are very responsible and knowledgeable…"*

Company Man
Rocky Mountains

*I don't know why all our rigs are not using LG Beads and BRU. We never have a problem with getting liner to bottom or have torque or drag issues. We have no problem with abnormal wear on drill pipe either. I would not want to attempt to drill a Three Forks well without having Sun on location.*

Company Man, Bakken

**Please Continue to Next Page**

*Because of the extremely high torque we encounter, the only two ways we can drill these wells is with SUN's Drill Beads, or using oil-based mud. It's much less expensive to use the beads and SUN's recovery unit.*
Major Independent, DJ Basin

It Works …

Case 1
Before we were sliding at 21.5 feet per hour. After a four (4) pound per barrel addition of Lubra-Glide with the bead recovery operation, the ROP sliding increased to 59.4 feet per hour the first day, 76.2 feet per hour the second day, and 93.2 feet per hour the third day and maintained to TD.

Case 2
Before Lubra-Glide beads and bead recovery unit application, rotating ROP was averaging 55 feet per hour. After additions of six (6) pounds per barrel and bead recovery operations the average ROB over the next 5 days was 151 feet per hour.

Case 3
After the system was treated with 5 pounds per barrel of Lubra-Glide beads and the operation of the bead recovery unit the torque dropped from 18,000 foot pounds to 12,000 foot pounds. The ROP rotating increased from 60 feet per hour to 140 feet per hour.

Case 4
After adding 5 pounds per barrel of Lubra-Glide beads to the mud system and operation of the bead recovery system, the rotating ROP increased from 50 feet per hour to 150 feet per hour with the same weight on bit.

Case 5
Delivering on performance…
Surface set at 1,450 feet in 8.75 open hole
Build tangent at 1.5° per 100 feet to 2,300 feet
Tangent from 2,300 feet to 4743 feet (2,443 feet at 16°
Began dropping angle from 4,743 feet to 5,543 feet at rates of 1.5° feet per 100 feet

**Please Continue to Next Page**

Drilled vertically from 5,543 feet to 6,985 feet
Kick off point at 6,985 feet
Drilled curve from 6,985 to 7,745 feet
Lateral section from 7,747 feet to 11, 160 feet with angles from 90.0° to 92.5°
Ran production casing to TD without issue.

Please Continue to Next Page