



# Do Your

# PLUG MILLING With A Service Rig

## HOW WE DO IT

- ✓ Prostar's automated service rig has pushing, pulling, and rotating capabilities while drilling, allowing us to reach all plugs and circulate the well bore clean to total depth (TD).
- ✓ We use a built in top drive system that allows for greater control and risk mitigation than a conventional power swivel.
- ✓ We use a double annular setup to ensure continuous fluid circulation and well control.
- ✓ We provide data collection and analysis that allows for job tracking and continuous improvement.
- ✓ We use technology to remove workers from high-hazard areas to improve safety performance and risk management.

## BENEFITS:



### SAFE OPERATION

Improved safety performance as automation allows an operator in a cab to run all the rig's functions and removes workers from the line of fire on the rig floor, derrick, and catwalk.



### DRILL AND CLEAN TO TD

Prostar has successfully milled plugs to approximately 6800m with 4240m lateral lengths. There is no need to use dissolvable plugs or worry that your well has sand or other debris near the toe.



### LOWER JOB COSTS

Job costs are lower because of the rig's more efficient rig moves, third-party trucking and rig ups times (compared with drilling rigs), and faster plug drilling times than coiled tubing.



### LESS COST FOR FLUIDS

Fluid and disposal costs are lower. Coil requires more expensive fluids for higher friction reduction. Using a Rig shaker and mud system replaces expensive fluid filtration systems.

## CONTACT US

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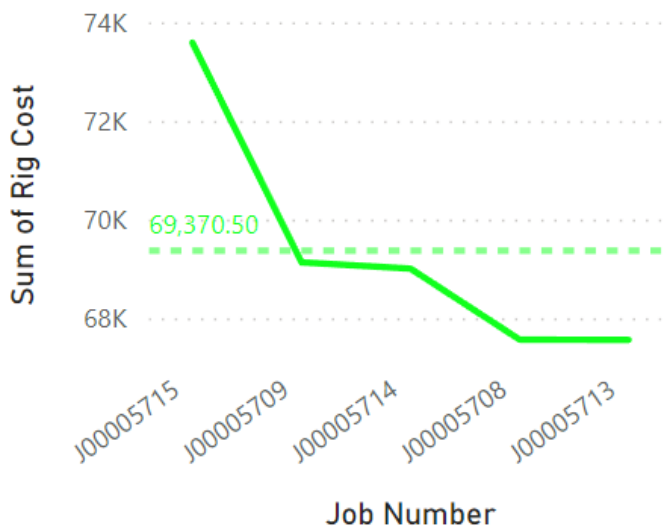
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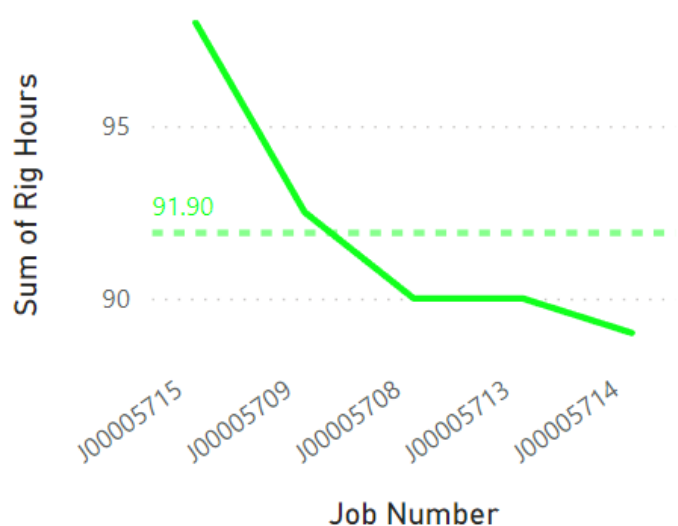
## PLUG DRILLING CASE HISTORY

- ✔ 18 Wells completed to date
- ✔ All wells completed in a single run
- ✔ Maximum plugs drilled per well - 81 Plugs
- ✔ Longest measured depth - 6804m
- ✔ Longest Lateral - 4240m
- ✔ Average time of last 5 wells - 3.8 days per well
- ✔ Average rig cost of last 5 wells - \$69,370 per job

### Plug Drilling Cost (Last 5 Jobs)



### Plug Drilling Time (Last 5 Jobs)



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