

LUBRA-GLIDE[®]

BEAD RECOVERY UNIT

SUCCESSFUL DIRECTIONAL AND HORIZONTAL PROJECTS WORLD WIDE!

SUN'S LUBRA-GLIDE[®] CO-POLYMER BEAD RECOVERY UNIT (BRU) has been utilized effectively in thousands of wells around the world. The LUBRA-GLIDE[®] BEAD RECOVERY UNIT was developed by SUN and is a patented process of recovering LUBRA-GLIDE[®] CO-POLYMER BEADS for reuse in drilling and completion fluids.

The process is simple and efficient. LUBRA-GLIDE[®] BEADS and cuttings are removed by the rig shaker and washed down into the recovery tank. The turbulent water action within the recovery tank serves to separate LUBRA-GLIDE[®] BEADS from the cuttings. Upon separation, the cuttings settle quickly to the bottom and are transported across our high-speed cuttings shaker screens. The finer solids and LUBRA-GLIDE[®] BEADS are then pumped to one (1) or two (2) hydro cyclone manifolds mounted atop our high speed cuttings shaker equipped with 150 to 250 mesh screens.



The LUBRA-GLIDE[®] BEADS (with an average specific gravity virtually equal to that of water) is forced upward through the hydro cyclone overflow while the unwanted solids travel downward for discharge.

At this point the final recovery step takes place. The bead carrying fluid discharged through the hydro cyclone overflow is directed by hose across our recovery shaker. This shaker is equipped with 150-200 mesh screens. This final separation of LUBRA-GLIDE[®] BEADS from the fluid assures re-introduction of clean beads into the circulation system via the rig suction pit. The fluid is then returned back to its original point, the recovery tank keeping the fluid in its own "closed loop" system.



This recovery process allows for 90% - 95% of the LUBRA-GLIDE[®] BEADS to be recovered. This continuous re-introduction of LUBRA-GLIDE[®] BEADS into the drilling and/or completion fluid creates a constant free flowing concentration of beads working downhole to effectively reduce torque and drag conditions.

Advantages of LUBRA-GLIDE[®] BEADS & RECOVERY UNIT

- ◆ Closed loop system and environmentally safe
- ◆ Reduces drag running casing
- ◆ Reduces torque and drag in drilling operations
- ◆ 90+% effective in bead recovery
- ◆ Provides non-abrasive mechanical lubrication
- ◆ Compatible with all mud types
- ◆ Reduces drill pipe damage and casing wear
- ◆ Successful lateral lengths >25,000 feet

SUN...The HOLE Solution Company!

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