BJ

IntegraStar™ Facts

CEMENTING JOB DESIGN AND POST-JOB ANALYSIS PROGRAM

APPLICATIONS

- Primary cementing operations

FEATURES & BENEFITS

- Supports multiple muds, spacers, cements and displacement fluids
- Allows for the input of multiple pump rate schedules including shutdowns
- Simulates possible fluid losses in the wellbore and free-fall effect modeling
- Includes Newtonian, Bingham Plastic, Power Law, Herschel-Bulkley fluid modeling
- Uses API Spec 10 flow regime analysis and pressure drop calculations
- Calculates pressures at surface, bottomhole and critical depths with graphical output
- Includes eccentricity and fluid displacement calculations
- Supports conventional or foamed fluids
- Integrated centralizer spacing calculations with prebuilt and user-definable centralizer databases
- Allows interactive calculation of cement, water and additive yield volumes and quantities

OVERVIEW

IntegraStar Facts is a primary cement job design, real-time monitoring and post-job analysis program. The software calculates hydraulic pressure profiles and displacement efficiencies of muds, spacers and cements in complex wellbore geometries.

The program is integrated with a casing centralizer optimization option.

IntegraStar Facts provides interactive data entry, comprehensive graphical simulation, and text and graphical reporting capabilities.