

US LAND | SMART ALARMS

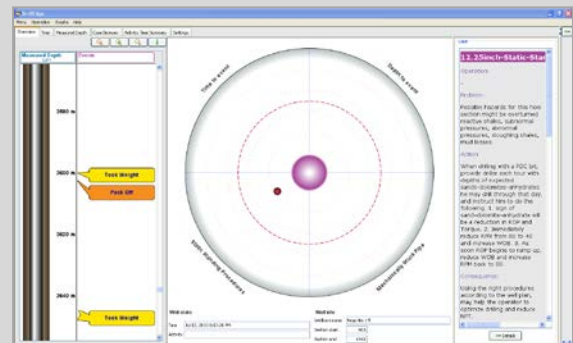
Challenge

On high-AFE wells, lack of experience and information can extract a costly toll in risk and lost-time expenses.

Solution

Smart alarms were built into the Verdande Technology DrillEdge system to alert the drilling team of upcoming events in the well plan, in addition to functioning as a training aid. Verdande Technology's DrillEdge software uses real-time data from drilling operations to index and automatically recall lessons learned, best practices, and situational experience across rigs and assets.

Implementation of the DrillEdge technology was fast and trouble free, with less than a week required to setup and deploy. Smart alarms in the system field trials provided information for both senior engineers new to the region and training support for the new personnel. The smart alarms addressed a variety of situations and responses. For instance, one alarm was configured to alert the driller to check with the mud logger and company man as the 9 5-8 inch casing point was approached. Other alarms were established relative to formation depths and included such prompts as changing the bit in response to lower ROP, or initiating a survey. Tests concluded DrillEdge system provided fast access to information, hence communications were enhanced and training was more effective.



Radar in Smart Alarm view shows standing static parameters of well specific case

