WellLink Radar Remote Drilling Advisory Service
Prevent drilling problems before they occur

The Baker Hughes WellLink™ Radar remote drilling advisory service enables you to deliver wells on plan and meet budget projections by recognizing potential drilling problems before they occur. The service integrates three powerful capabilities that build a fast, practical, real-time solution for applying the knowledge of what has happened in the past to what is happening in the present.

- Real-time 24/7 surveillance and interpretation from Baker Hughes remote service engineers
- Automated decision support from the Verdande Technology DrillEdge® case-based reasoning software
- Knowledge base of Baker Hughes best practices and lessons learned

This integrated solution, built on the simple premise that similar problems have similar solutions, delivers 24/7 surveillance, interpretation, and advice within a collaborative environment so you can reduce uncertainty, minimize nonproductive time, and enhance efficiency.

Prevent problems before they occur
The WellLink Radar service uses a knowledge base of recorded-while-drilling problems and recommended solutions. When real-time data reflects the occurrence of similar situations in the past, Baker Hughes remote service engineers apply their experience to interpret what could be happening and to offer potential solutions.

While a symptom by itself might not necessarily signal an impending problem, it represents the possibility of a pattern that merits further investigation. The DrillEdge case-based reasoning software automatically identifies symptom patterns and trends, enabling our remote service engineers to focus their attention when and where required. When they identify a potential problem, they investigate, validate, and collaborate to determine the best course of action. Then, through clearly defined communications protocols, the remote service engineer informs necessary personnel of recommendations for proactive options to avoid the drilling problem.

Applications
- Deepwater drilling
- Well factory
- HP/HT environments
- Depleted reservoirs
- Extended reach

Features and Benefits
- 24/7 real-time surveillance
  - Provides rapid response and implementation of proactive solutions
- Remote monitoring
  - Facilitates collaboration by multiple experts
  - Monitors multiple wells
  - Minimizes health, safety, and environmental risks incurred by adding rigsite personnel
- Case-based reasoning software
  - Detects potential issues while drilling in real time
  - Supports decision making
- Remote service engineers
  - Offer superior field expertise in dealing with drilling problems
  - Leverage Baker Hughes best practices and lessons learned
  - Facilitate defined communications protocols
Extend the knowledge base for best practices
The WellLink Radar service provides remote monitoring through the Baker Hughes BEACON™ remote service platform, extending the reach of global collaboration. One expert can monitor multiple wells or a team can be available for deeper analysis.

The WellLink Radar service uses the Baker Hughes library of historical cases, which contains best practices related to specific drilling problems. The library is continually extended and enhanced with local cases built for the specific symptom set seen in local offset wells. This enhances symptom detection and can reduce uncertainty when dealing proactively with drilling problems. The best practices used in problem avoidance are added to the knowledge base and incorporated into future drilling programs.

Deliver on plan, on budget
By using lessons learned and applying expertise, the WellLink Radar remote drilling advisory service proactively helps you take corrective actions to avoid potential problems. It facilitates collaboration for a better understanding of drilling operations, which enables effective decision making to meet drilling plans on time and within budget.

Get the answers you need today to avoid drilling problems tomorrow.

*DrillEdge is a trademark of Verdande Technology

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