

MAGNETIC RANGING SOLUTIONS | ACCESS-INDEPENDENT RANGING

RangeStar™ Passive Well Tracking Service

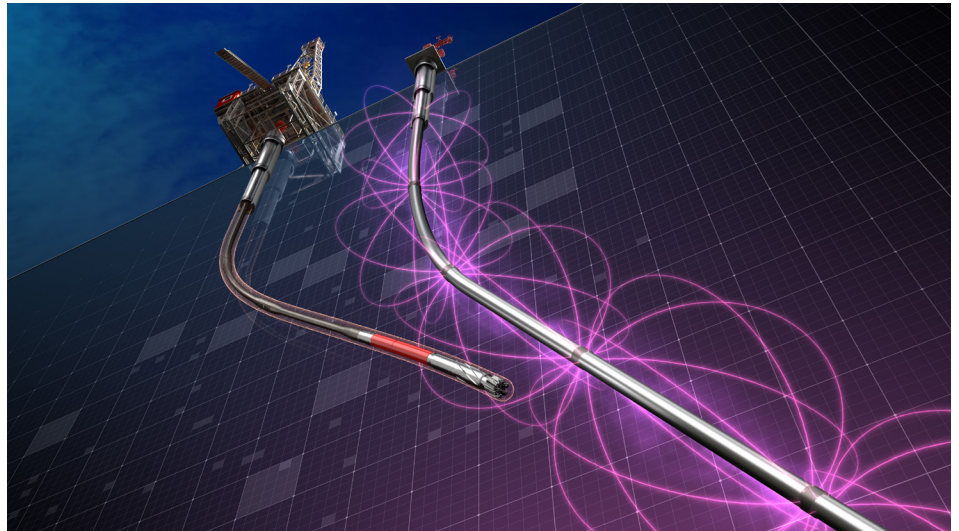
Locating wells from remnant magnetic fields

BENEFITS

- Save time by running passive and active magnetic ranging on a single wireline run
- Reduce implementation cost
- Mitigate uncertainty from compounding MWD errors
- When run with the GuideStar™ service:
 - » Enhance the resolution of MWD surveys
 - » Increase precision of magnetic pole detection

FEATURES

- Run in conjunction with active magnetic ranging solutions
- Can run with the RangeStar™ Well Intercept Service, MWD tools, or wireline
- Perform 100% analysis remotely



RangeStar™ Passive Well Tracking Service

Overview

The RangeStar™ Passive Well Tracking Service utilizes the remnant magnetic fields on target well tubulars in order to provide a distance and direction between wellbores. The service provides a less invasive solution compared to alternative Active Magnetic Ranging techniques.

The service can be run with standard measurement-while-drilling (MWD) tools, or with GuideStar™ definitive survey measurement service from Halliburton, to ensure the drilling does not stop. If higher density data is required, a dedicated wireline logging run can also be preformed.

The RangeStar Passive Well Tracking Service does not require access to the target well, can be used in conjunction with Active Magnetic Ranging systems or as a stand-alone system, and can be preformed onsite or remotely.



Applications

- Anti-collision
- Extend distances between active magnetic ranging runs
- Ranging in applications not feasible for active ranging technologies
- Steering around a fish

Technical specifications

DATA ACQUISITION METHOD*	WELLSPOT	MWD/GUIDESTAR
Nominal tool OD	2.0 in. (50.8 mm)	
Maximum temperature	392°F (200°C)	For details, see Sperry Drilling services or third-party MWD documentation
Pressure	25,000 psi (132.37 MPa)	
Detection range	Varies based on the target pipe or casing condition, length, weight, and the geometry of the wellbores	

* RangeStar™ Passive Well Tracking Service data is also available with wireline runs.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.

H010874 06/26 © 2026 Halliburton. All Rights Reserved.