

# Stay in the Zone

# HSI HORIZONTAL SOLUTIONS INTL.

## The Geosteering Experts

[www.horizontalisi.com](http://www.horizontalisi.com)

## Maximize Target Penetration – Maximize Production Complete with Confidence Avoid Costly Redrills

Horizontal Solutions International (HSI) helps you confidently increase horizontal well production, reduce uncertainty and costly redrills, ensure maximum pay zone penetration and improved completions intelligence by providing expert geonavigation and geosteering services.

Discover what the leaders in oil and gas exploration and production companies already know. Since 1995, HSI has offered premier geonavigation/geosteering services proven to maximize oil and gas production from horizontal drilling programs.

- Expert geoscience staff available up to 24/7 for geosteering guidance to keep you in-zone and respond to structural/stratigraphic changes
- True Stratigraphic Position (TSP) of your wellbore relative to your target
- Accurate apparent formation dip rate and fault cuts
- Project-based geoscience consulting focused on stratigraphic penetration, completions and well performance to help improve ongoing well and completion design
- Post-drill analysis defines stratigraphic position along the wellbore to support completion decisions and resolve well performance anomalies

### Experience and Expertise

With several decades of combined petroleum geology experience and a large geographic area of geologic expertise, HSI is fully armed to help customers convert more resources to reserves and reserves to revenues. Our staff includes some of the most seasoned professionals in the industry. With more than 100 clients across the globe and geonavigation of over 8,000 horizontal wells (over 17-million feet), HSI's experience is second to none. Our 17 years of experience and expertise, combined with our own unique LatNavNet software, allows clients to confidently track their stratigraphic position and steer to maximum pay, even in the most complex structural and stratigraphic settings.

### Proven Methods

HSI utilizes proprietary True Stratigraphic Position modeling to interpret horizontal data and provide accurate stratigraphic and structural interpretation as the well is drilling. Our geoscientists employ web-enhanced LatNavNet software and fundamental geologic interpretation techniques to confidently guide wells to achieve maximum target zone penetration. These quantitative results not only help to maximize production and revenue, but also save time, money and avoid costly errors.

### TrueTime™ Visualization

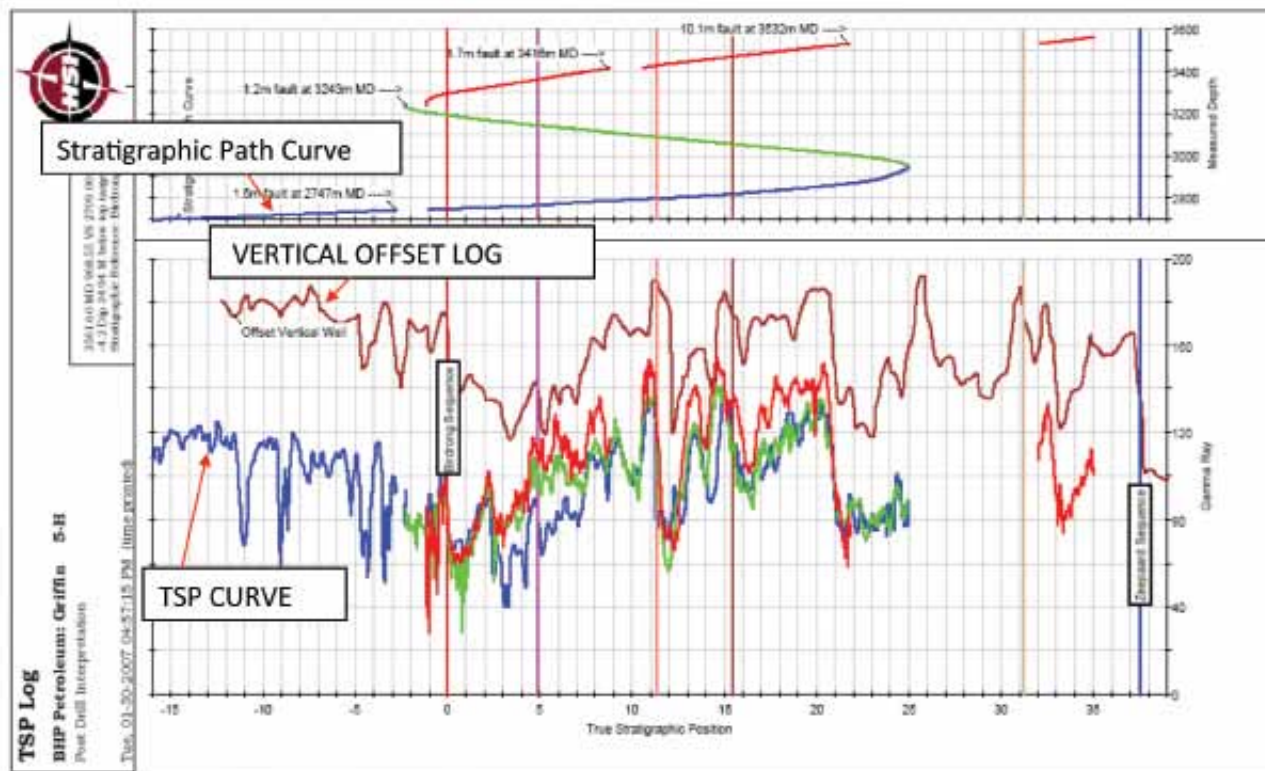
Add a layer of drilling surveillance, optimization or geosteering services through our 24/7 TrueTime Operations Center. On-demand, vendor-independent rig surveillance and drilling expertise is a reality. The net result? Safe, optimally engineered wells, reduced non-productive time, fewer redrills and increased production.



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**True Stratigraphic Position Log  
Western Australia Birdsong Sequence**



**Wellbore Plot: Vertical Section View  
Western Australia Birdsong Sequence**

