



The Source for Critical Information and Insight™

AccuMap Well Holding & Spacing (WHS)

Webinar

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March 2009



Agenda & Objectives for Today's Webinar

- Introduction to Well Holding and Spacing
- AccuMap's New Well Holding and Spacing Module
- Demo
 - Target Areas
 - Map Features
 - Inspecting and the Data Card
 - Querying
 - Reports
- Additional Resources and Contacts
- Questions



Introduction to Well Holding & Spacing

- **What is Well Holding and Spacing?**

Well spacing regulations define the number of subsurface drainage locations necessary to maximize oil or gas recovery from a specific pool. This is determined from engineering analysis of reservoir rock characteristics, fluid properties, and production behaviour. Accordingly, the number of subsurface drainage locations varies from pool to pool throughout Alberta.

- **Why is a Well Holding and Spacing application needed?**

ERCB regulations define baseline well spacing for **oil** as one well per quarter section per pool and for **gas** as one well per section per pool. An application to the ERCB is required if additional producing wells beyond the defined baseline are necessary to recover the resource. The application provides an applicant with an opportunity to supply evidence supporting a change from the referenced baseline and permits potentially affected subsurface parties to understand and comment on potential impacts.



AccuMap: Well Holding & Spacing

- **DATA:**

- Encompasses all types of Spacing Orders in Alberta: Spacings, Holdings, Units, and Blocks
- Access to over 2501 Spacing Unit Orders in Alberta, and 15,562 appendices (and growing!)
- Data attributes available (but are not limited to):
 - Appendices
 - Buffer
 - Inter-well Distance
 - Target Area
 - Well Density & Well Exemptions
 - Amended/Previous SU Orders
 - Field & Pool
 - Effective Date
 - Land Descriptions & Zone Descriptions
 - Company Names (Holdings/Units only)

- **FUNCTION:**

- Query by Well Density, Formation, Company, etc.
- Access data cards with mini-maps
- Link to Field data
- Mapping



AccuMap: Well Holding & Spacing

- **Demo**
 - Standard Target Areas
 - Map Features
 - Inspecting and the Data Card
 - Querying
 - Reports



Things to Remember!

- **Why** Well Holding & Spacing (WHS) in AccuMap?
 - Comprehensive and integrated reference source for Well Holdings and Spacing information.
- **Who** should consider using AccuMap's WHS?
 - Applicable for anyone in the E&P group responsible for getting WHS information compiled and submitted to the ERCB.
- **How** can IHS AccuMap WHS help you?
 - Create successful Spacing Order applications by finding out what has already been approved in your area of interest.
 - Create Maps for areas of interest to aid in the application process.
 - Gather your information directly from your desktop to save time.
 - Reduce risk of penalties.



Benefits of WHS in AccuMap

• Benefits

- **Data:** ALL actively approved spacing orders are available regardless of the effective date.
- **Integration with other datasets:** Turn on other data layers (e.g. wells, land, pipelines etc.) to see how this data relates to the spacing data
- **Mapping:** Create and Print custom maps showing all data you require in your AOI
- **Query:** Query on spacing number, land description, field, substance, formation, as well as on many other attributes such as target Areas, well density, buffer distance, and much more!
- **Reports:** Easily print search results. WHS report is simple and provides a nicely laid out report with mini-map and data details



Additional Resources

- **Links for more Information**

[AB Gov WHS](#)

[WHS PP](#)

Documentation

[Product Information Sheet](#)

[Explanations and 'How to'](#)

- **Contacts**

Sales: 1-877-495-4473

Support: 403-770-4500 or support.cdn@ihs.com



Additional Resources

**Thank You for your Time
Questions?**