• MET Survey Example for Exploration
Exploration Example Maps

- The following maps demonstrate how a MET survey can identify exploration well locations.
- The Canadian township example had limited drilling at the time of the survey (1997).
- Please note that industry drilled these locations WITHOUT knowledge or use of MET data.
- Conversely, MET recommendations were based ONLY on MET data.
- In principle, MET data should be used in conjunction with other available survey data such as seismic, etc.

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The following three maps show different views of the Canadian township, T1-R10-W2.

The First map is our original survey map produced in 1997. It shows our MET survey data and pre-survey wells.

The Second map shows our MET data and up-to-date drilling results as of 2012.

The Third map shows our MET data and up-to-date drilling with the production bubbled to scale. The map is color coded to show pre-drilling, MET recommended drilling and Non-MET recommended drilling.
Original %PS Survey Map

This map shows the results from the MET survey completed in 1997.

Areas in red have the highest MET values, and are considered areas of interest.

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Survey Area with Updated Wells

This map shows the survey area with updated drilling (2012).

Notice the drilling in the southeast corner is also where we have the highest %PS values.
Survey Area with Production Bubble

This map shows the survey area with production bubbled to scale.

This map is color coded to represent recommended and non-recommended locations. Blue wells are recommended.
Summary of T1 R10 W2 Township Survey

- The areas of highest MET Values were in sections 1-3 and 10-12. These sections produced 65% of the oil from the township.
- IOP of MET recommended locations was 200 BOPD while IOP from non recommended locations was 131 BOPD (52% greater).
- Of the top 10 producing wells, 9 were at MET recommended locations.
- 8 of the 9 wells with IOP greater than 200 BOPD were MET recommended locations while only 2 of 6 wells with less than IOP of 100 BOPD were MET recommended.