This study was completed in two phases, outlined below. Data used in this study consists of 369 DST’s within the Phase I study area, which had pressure data of sufficient quality for pressure versus elevation and potentiometric surface analysis. The pressure recorder for these DSTs was located less than 125 m above the pick for the Lea Park Formation in a computer database. Static pressures were determined by Horner analysis on those DSTs that exhibited sufficient shut-in pressure build-ups.

For the Phase II investigation, the Phase I data was supplemented with all available pressure and recovery information in the Phase II area. A total of 152 data points occur in the Belly River in the Phase II area, of which, 43 had pressures and were located less than 125 m above the Lea Park Formation. Data from the Phase II investigation were assigned to specific stratigraphic intervals within the Belly River by the original client.

**Phase I - T. 45-60, R. 1-28 W5M** - Delineate the regional updip limits of the “Deep Basin Style” gas trap within the Belly River Formation.


Deliverables Include:

- Belly River Regional and Detailed Pressure versus Elevation Graphs
- Belly River DST Recovery Map
- Belly River Deep Basin Gas Edge Map
- Summary report complete with figures and recommendations

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