

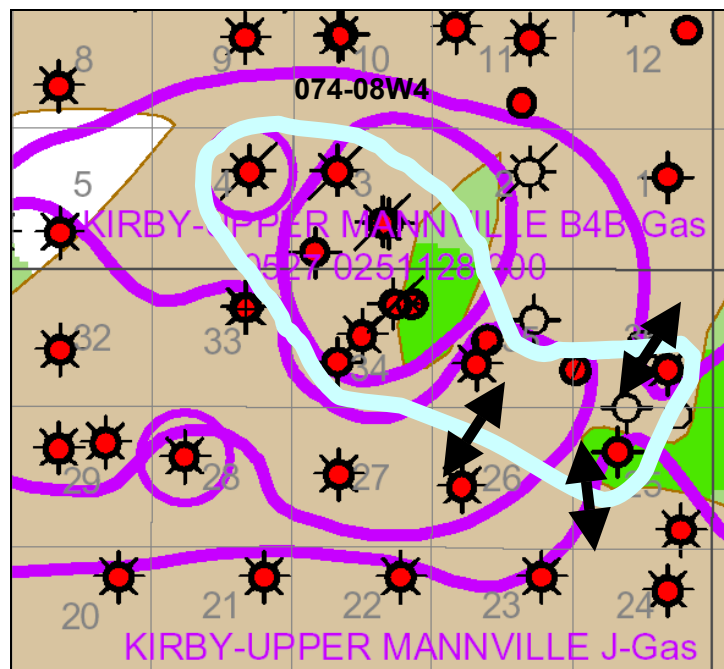
Board Staff Information Requests for ISH Energy Ltd. (ISH)

1. "ISH states that pressure and production data for the Kirby Upper Mannville J, B4B, O3O/U2U, and V2V pools support its geological interpretation. In each case, provide a detailed explanation of how the pressure and production data supports ISH's geological interpretation."

RESPONSE

Upper Mannville B4B

The RGS Upper Mannville B4B, J, U2U and V2V pools are shown in the purple outlines. Fekete's geological interpretation of the Upper Mannville B4B Pool is shown by the light blue outline. The areal extent of the pool is limited by fluid contacts and/or structure, as shown by the black arrows.



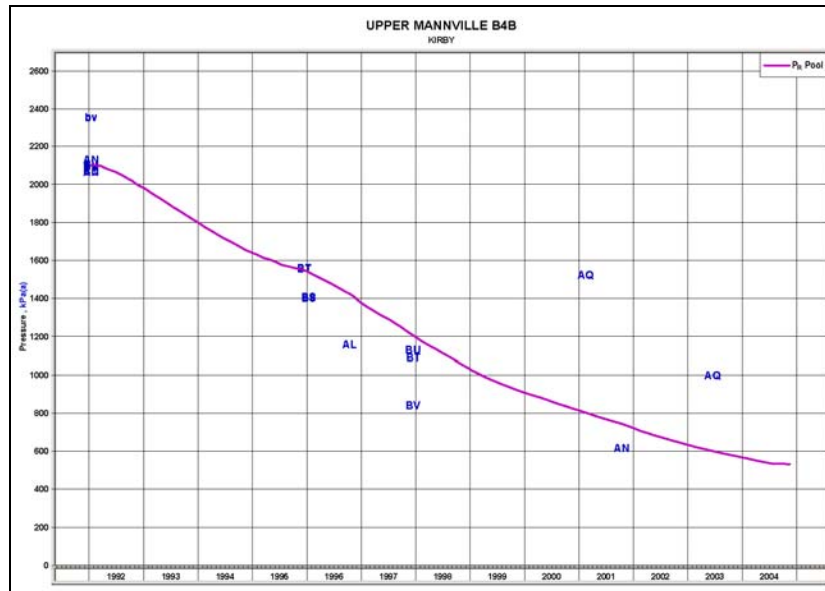
The following wells within the blue outline contain pressure and/or production data from the Wabiskaw B zone.

- 100/10-34-073-08W4/02
- 100/11-34-073-08W4/00
- 1AA/06-35-073-08W4/02
- 100/07-36-073-08W4/00
- 100/04-03-074-08W4/00
- 102/07-03-074-08W4/00
- 100/11-03-074-08W4/00
- 100/10-04-074-08W4/00

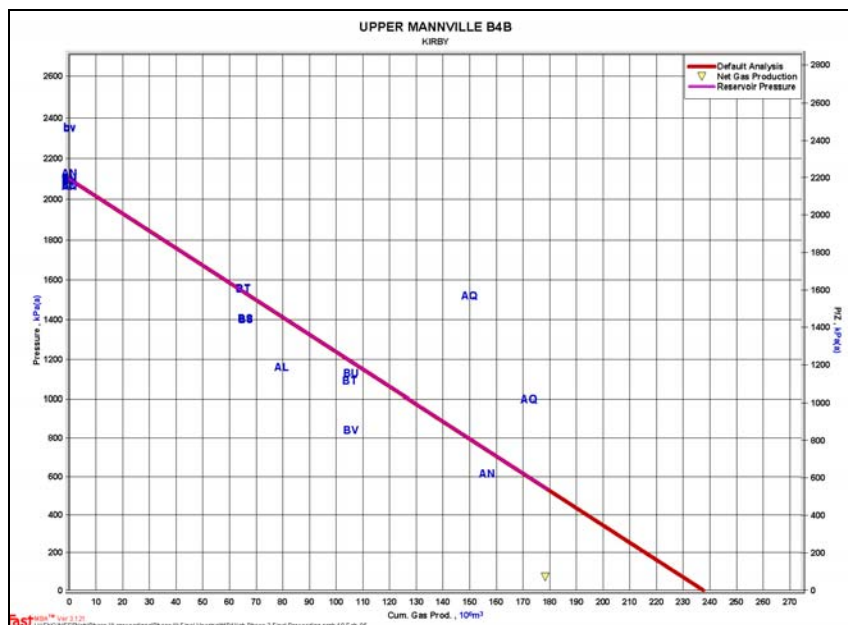
The pressure versus time plot demonstrates a common pressure trend for all but one well, which it should if the wells are in a common reservoir.

Pressure data for well 00/07-36-073-08W4 (point “AQ” on the plot) does not appear to follow the common trend. But the 00/07-36 well’s first pressure point (1522 kPaa) is a depleted pressure. It was obtained in February 2001 although the well did not come on production until October 2001.

Production from the nearest offset well, which is well 06-35-073-08W4 is the most likely cause of the depleted pressure. Fekete’s geological interpretation independently grouped well 06-35 in the B4B pool. The next closest producing well is 10-11-074-08W4, which is 4 km away.



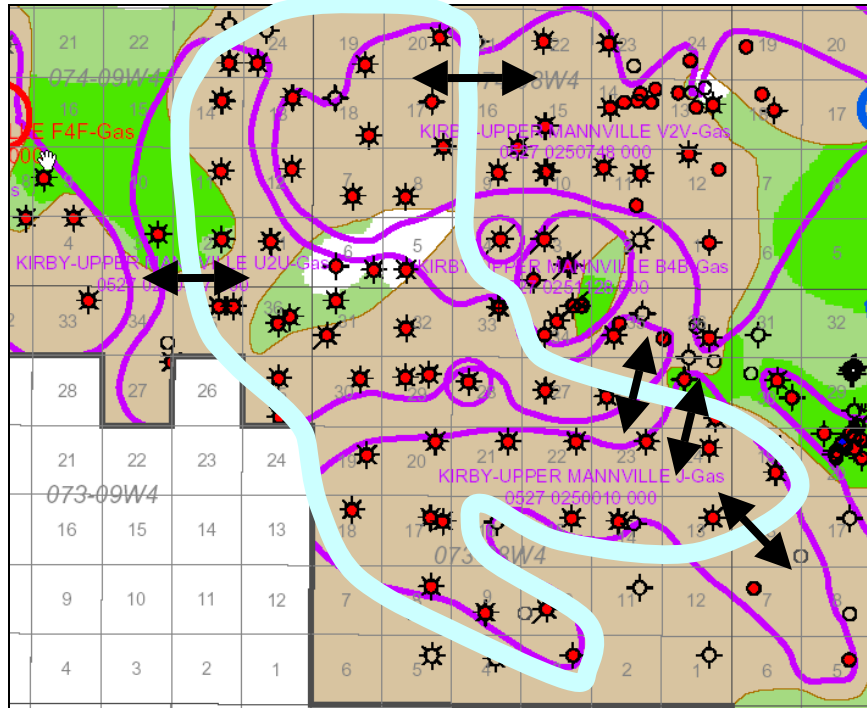
The pink line is the predicted average reservoir pressure for the pool. It is calculated from the original gas in place and the sum total well production. The original gas in place estimate comes from the material balance plot for the pool (see below).



The overall consistency of the analysis supports Fekete’s geological interpretation of the Upper Mannville B4B Pool.

Upper Mannville J & U2U

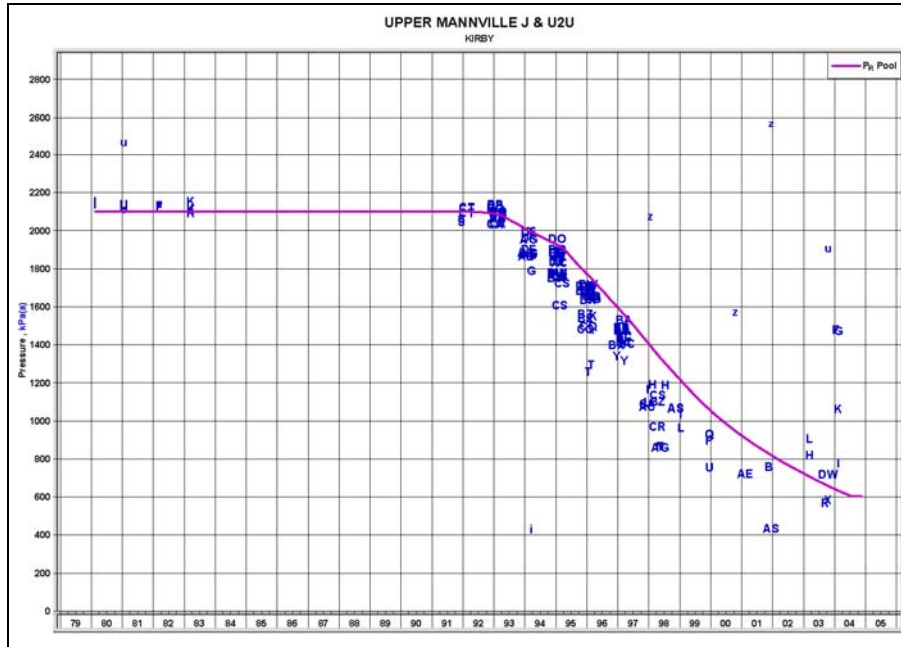
The RGS Upper Mannville J, U2U and V2V pools are shown in the purple outlines. Fekete's geological interpretation of the single Upper Mannville J & U2U Pool contains wells from all three of the RGS groupings, and is shown by the light blue outline. Fluid contacts and/or structure, as shown by the black arrows, limit the areal extent of the pool.



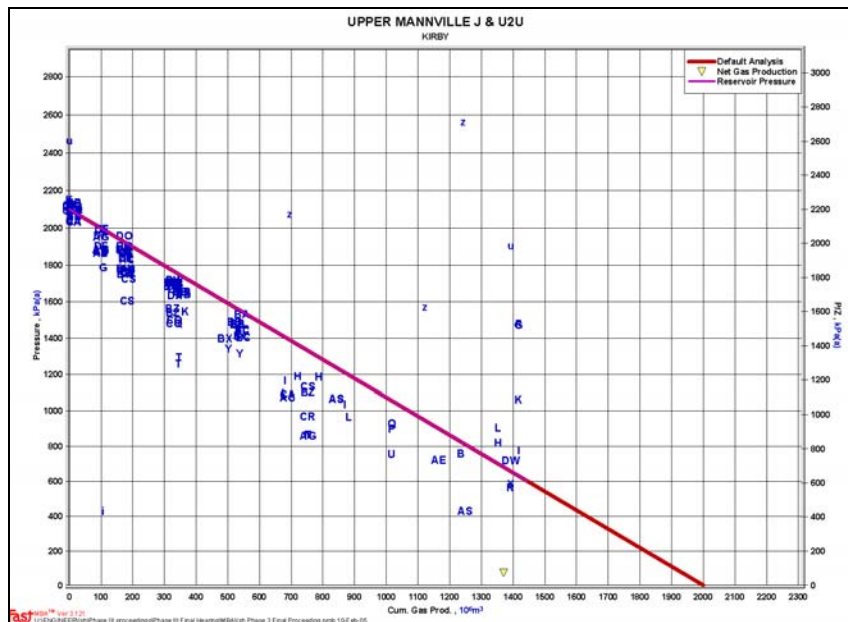
The following wells within the blue outline contain pressure and/or production data from the Wabiskaw B zone.

- 100/07-19-073-07W4/00
- 100/06-10-073-08W4/00
- 100/10-13-073-08W4/00
- 100/11-14-073-08W4/00
- 100/10-15-073-08W4/00
- 100/10-17-073-08W4/00
- 100/15-18-073-08W4/00
- 100/09-19-073-08W4/00
- 100/16-20-073-08W4/00
- 100/16-21-073-08W4/00
- 100/16-22-073-08W4/00
- 100/16-23-073-08W4/00
- 100/10-24-073-08W4/00
- 100/01-25-073-08W4/02
- 100/05-26-073-08W4/00
- 100/11-27-073-08W4/00
- 100/12-28-073-08W4/00
- 100/10-29-073-08W4/00
- 100/11-29-073-08W4/00
- 100/10-30-073-08W4/00
- 100/05-31-073-08W4/00
- 100/14-31-073-08W4/00
- 100/06-32-073-08W4/00
- 102/10-33-073-08W4/00
- 100/10-25-073-09W4/00
- 100/09-35-073-09W4/00
- 100/10-35-073-09W4/00
- 100/07-36-073-09W4/00
- 100/10-36-073-09W4/00
- 100/03-05-074-08W4/00
- 100/01-06-074-08W4/00
- 100/07-07-074-08W4/00
- 100/06-08-074-08W4/00
- 100/01-17-074-08W4/00
- 100/01-18-074-08W4/00
- 100/02-19-074-08W4/00
- 100/09-20-074-08W4/00
- 100/11-01-074-09W4/00
- 100/10-02-074-09W4/00
- 100/10-11-074-09W4/00
- 100/10-12-074-09W4/00
- 100/10-13-074-09W4/00
- 102/10-14-074-09W4/00
- 100/01-23-074-09W4/00
- 100/04-24-074-09W4/00

The pressure versus time plot demonstrates a common pressure trend for the majority of the wells, which it should if the wells are in a common reservoir. The apparent increase in pressures reported for wells 6-10, 10-13, 10-17, 5-26, and 11-29 (points f, g, k, u, and z on the plot) was not investigated. The data points may be unreliable. But if the data is correct, then pressures above the trend indicate further compartmentalization within the pool.



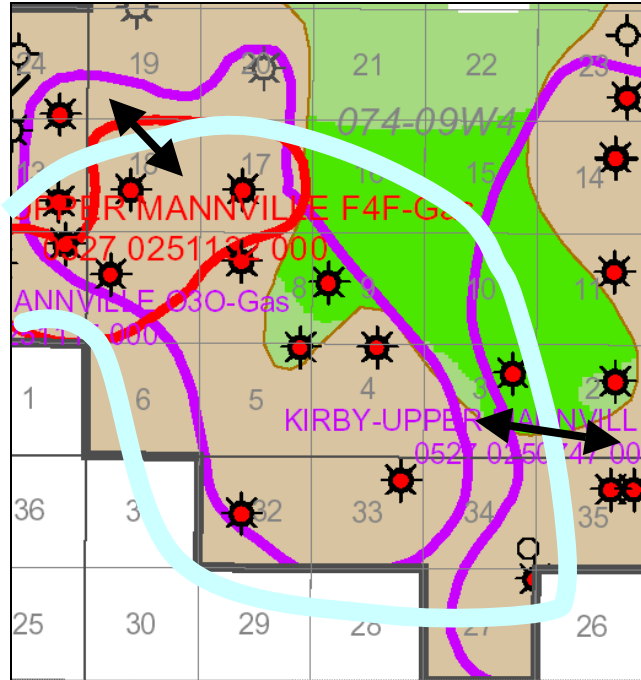
The pink line is the predicted average reservoir pressure for the pool. It is calculated from the original gas in place and the sum total well production. The original gas in place estimate comes from the material balance plot for the pool (see below).



The overall consistency of the analysis supports Fekete's geological interpretation of the Upper Mannville J & U2U Pool.

Upper Mannville O3O

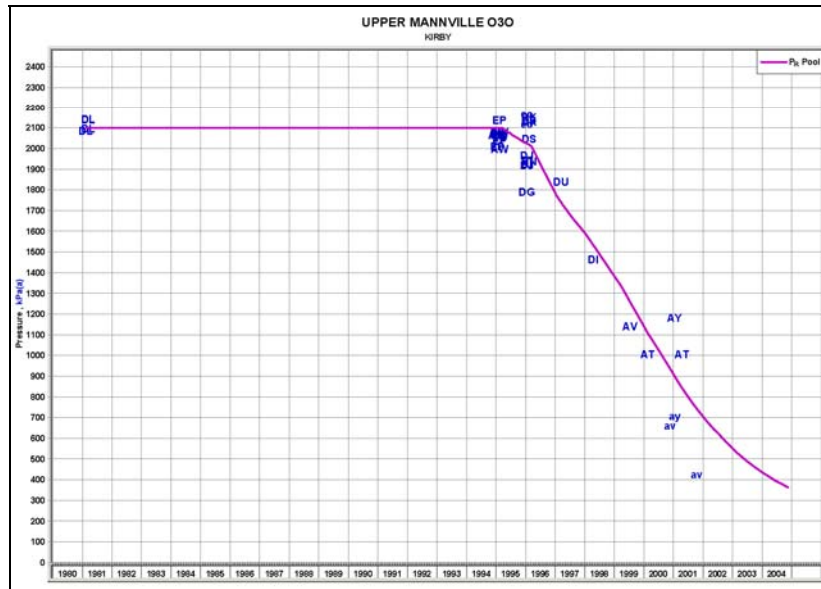
The RGS Upper Mannville O3O and U2U pools are shown in the purple outlines. Fekete's geological interpretation of the Upper Mannville O3O Pool is shown by the light blue outline. The areal extent of the pool is limited by fluid contacts and/or structure, as shown by the black arrows.



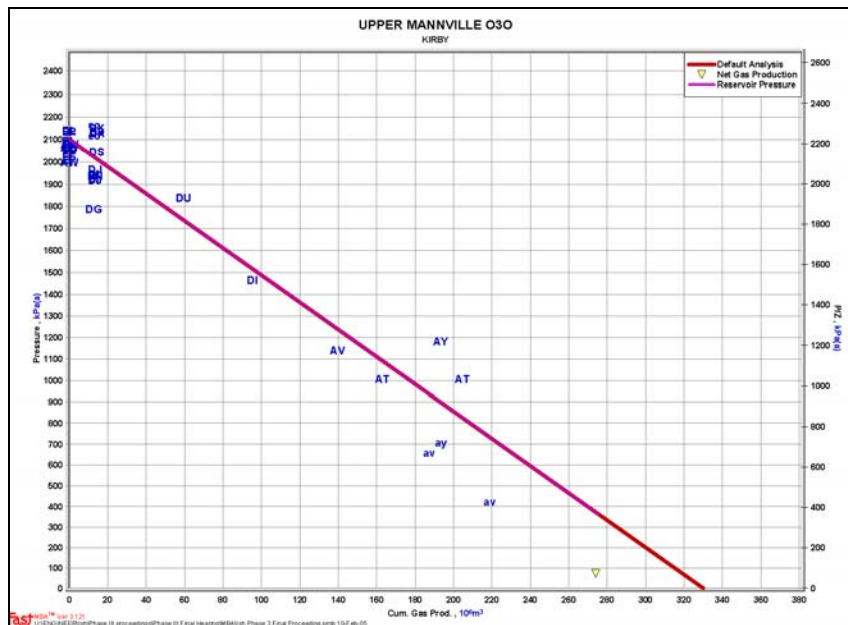
The following wells within the blue outline contain pressure and/or production data from the Wabiskaw B zone. Note that production from the Wabiskaw B is commingled with McMurray production in some of the wellbores.

- 100/16-27-073-09W4/00
- 100/06-32-073-09W4/02
- 100/16-33-073-09W4/02
- 100/01-34-073-09W4/00
- 100/09-03-074-09W4/00
- 100/15-04-074-09W4/00
- 100/16-05-074-09W4/00
- 100/12-07-074-09W4/00
- 100/11-08-074-09W4/02
- 100/12-09-074-09W4/00
- 100/06-17-074-09W4/00
- 100/06-18-074-09W4/00
- 100/16-12-074-10W4/00
- 100/02-13-074-10W4/00

The pressure versus time plot for the wells demonstrates a common pressure trend, which it should if the wells are in a common reservoir. The trend is evident despite the data scatter introduced by the commingled production from the McMurray interval.



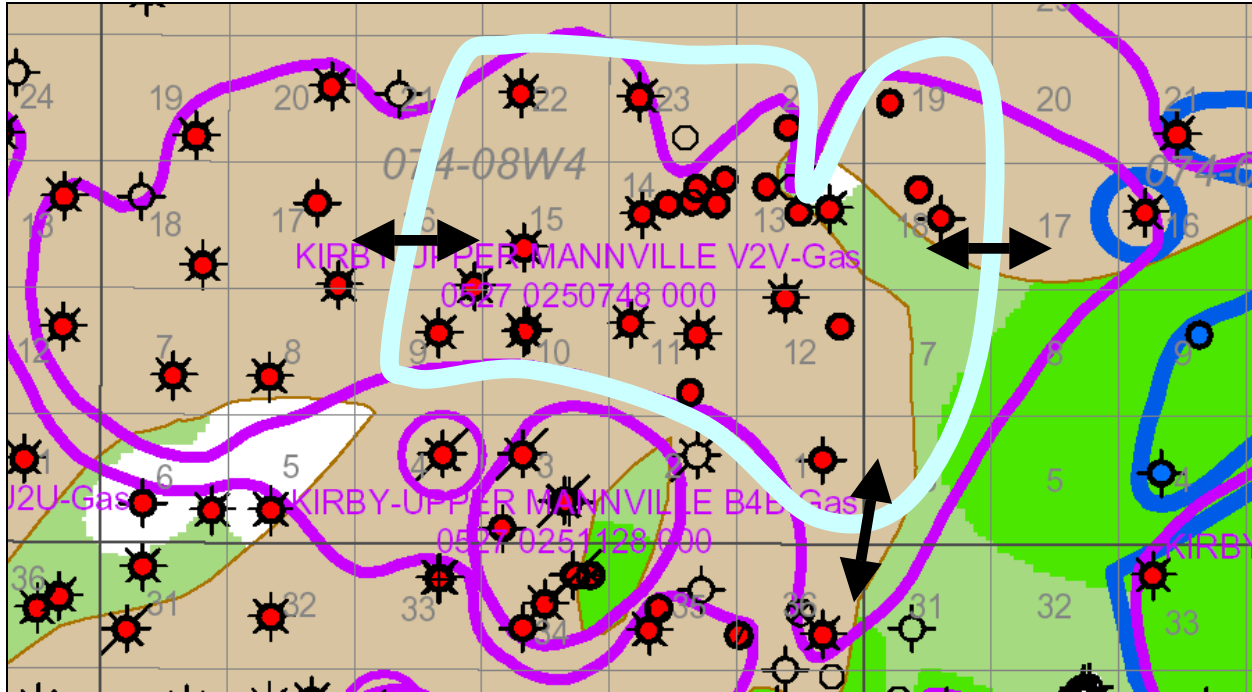
The pink line is the predicted average reservoir pressure for the pool. It is calculated from the original gas in place and the sum total well production. The original gas in place estimate comes from the material balance plot for the pool (see below).



The overall consistency of the analysis supports Fekete's geological interpretation of the Upper Mannville O30 Pool.

Upper Mannville V2V

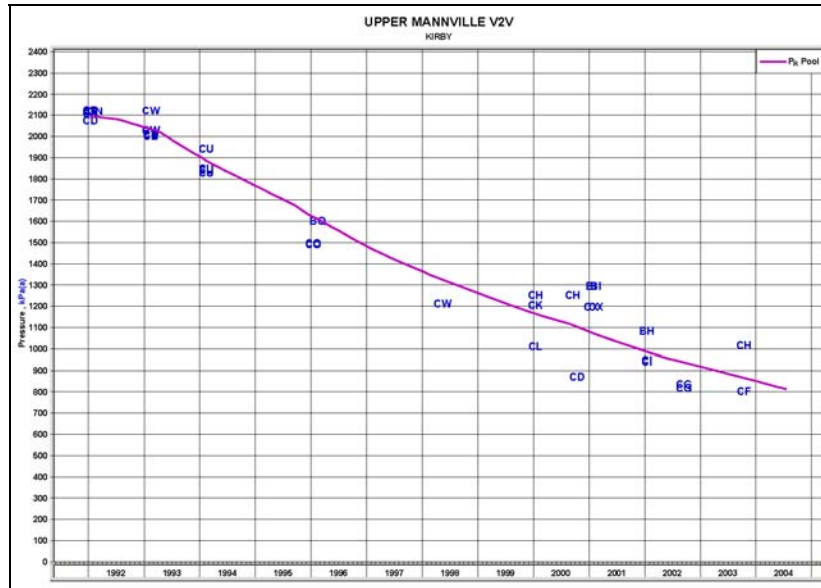
The RGS Upper Mannville V2V Pool is shown in the purple outline. Fekete's geological interpretation of the Upper Mannville V2V Pool is shown by the light blue outline. Fluid contacts and/or structure, as shown by the black arrows, limit the areal extent of the pool.



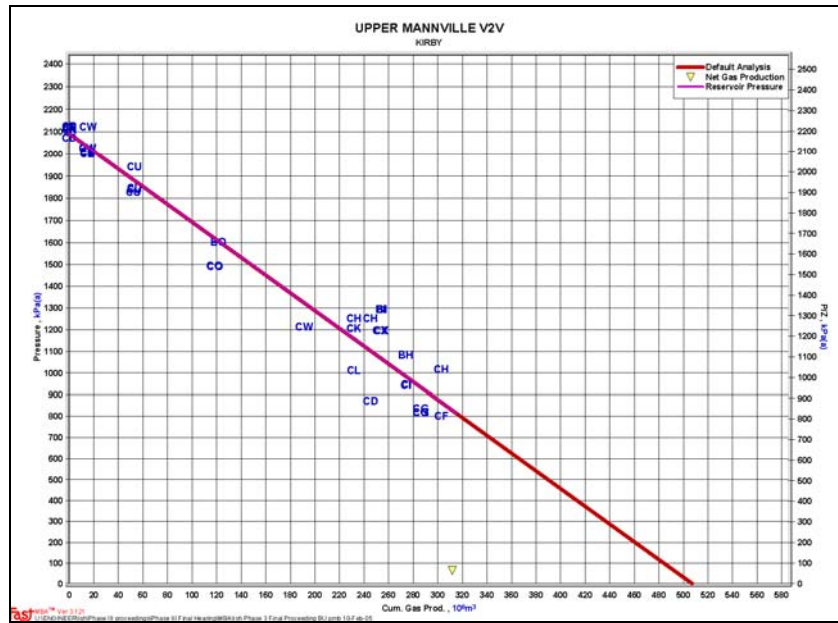
The following wells within the blue outline contain pressure and/or production data from the Wabiskaw B zone.

- 100/14-18-074-07W4/00
- 100/05-19-074-07W4/00
- 100/10-01-074-08W4/00
- 100/10-09-074-08W4/00
- 100/11-10-074-08W4/02
- 100/10-11-074-08W4/00
- 100/12-11-074-08W4/00
- 100/09-12-074-08W4/00
- 100/14-12-074-08W4/00
- 100/10-13-074-08W4/00
- 100/12-14-074-08W4/00
- 100/06-15-074-08W4/00
- 100/01-16-074-08W4/00
- 100/11-22-074-08W4/00
- 100/12-23-074-08W4/00
- 100/06-24-074-08W4/00

The pressure versus time plot for the wells demonstrates a common pressure trend, which it should if the wells are in a common reservoir.



The pink line is the predicted average reservoir pressure for the pool. It is calculated from the original gas in place and the sum total well production. The original gas in place estimate comes from the material balance plot for the pool (see below).



The overall consistency of the analysis supports Fekete's geological interpretation of the Upper Mannville V2V Pool.