

Reprocessed Seismic Lines (BMR)

The Bureau of Mineral Resources (BMR) has reprocessed certain seismic lines originally acquired by Hematite Petroleum Party in the course of their HB-75A survey conducted in 1975 in the Bass Basin. Copies of these lines were released to Weaver Oil and Gas Corporation at the BMR Symposium held in Canberra in November 1984. These lines are not enclosed in this report due to the terms under which they were given to Weaver.

The reprocessing was done by GSI in Perth, Western Australia, in 1983. It consists of using a sliding gate AGC program to enhance the deep reflection. Some of the seismic lines were also restacked and migrated.

Seismic line HB-75A-218 is a northeast trending line through the Chat prospect and the Squid structural feature.

Seismic line HB-75A-222 is also a northeast trending line. It goes through the "222" lead, followed by a major structural feature on trend with the Chat Prospect and the Durroon #1 well, then the "81-21" prospect and a new lead called "227" which is down-thrown and to the northeast of the "81-21" prospect.

Seismic line HB-75A-227 is a northeast trending line which ties together the reprocessed HB-75A-218 and HB-75A-222 lines. This reprocessed line shows the "227" lead as a southeast dipping tilted fault blocks. This lead is very similar to the "A-4", "A-6" and "81-21" prospects identified in this area of the Bass Basin.

Seismic line HB-75A-230 is a northwest trending line which also ties together the reprocessed HB-75A-218 and HB-75A-222 lines. It does not display any lead or prospect.