

## **APPLICATION OF WIDE AZIMUTH LAND 3D-A CASE HISTORY**

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The equipments for seismic exploration upgraded steadily during recent years, the receiver channel increased from several hundreds to several thousands or even ten thousands. With this progress, land 3D wide azimuth acquisition becomes possible. Through a case history of wide azimuth seismic from northwest China, this article analyzed difference in imaging, coherence data and phase etc. for narrow/wide azimuth data. It is proved that wide azimuth has advantage in lithologic and fractured reservoir exploration.