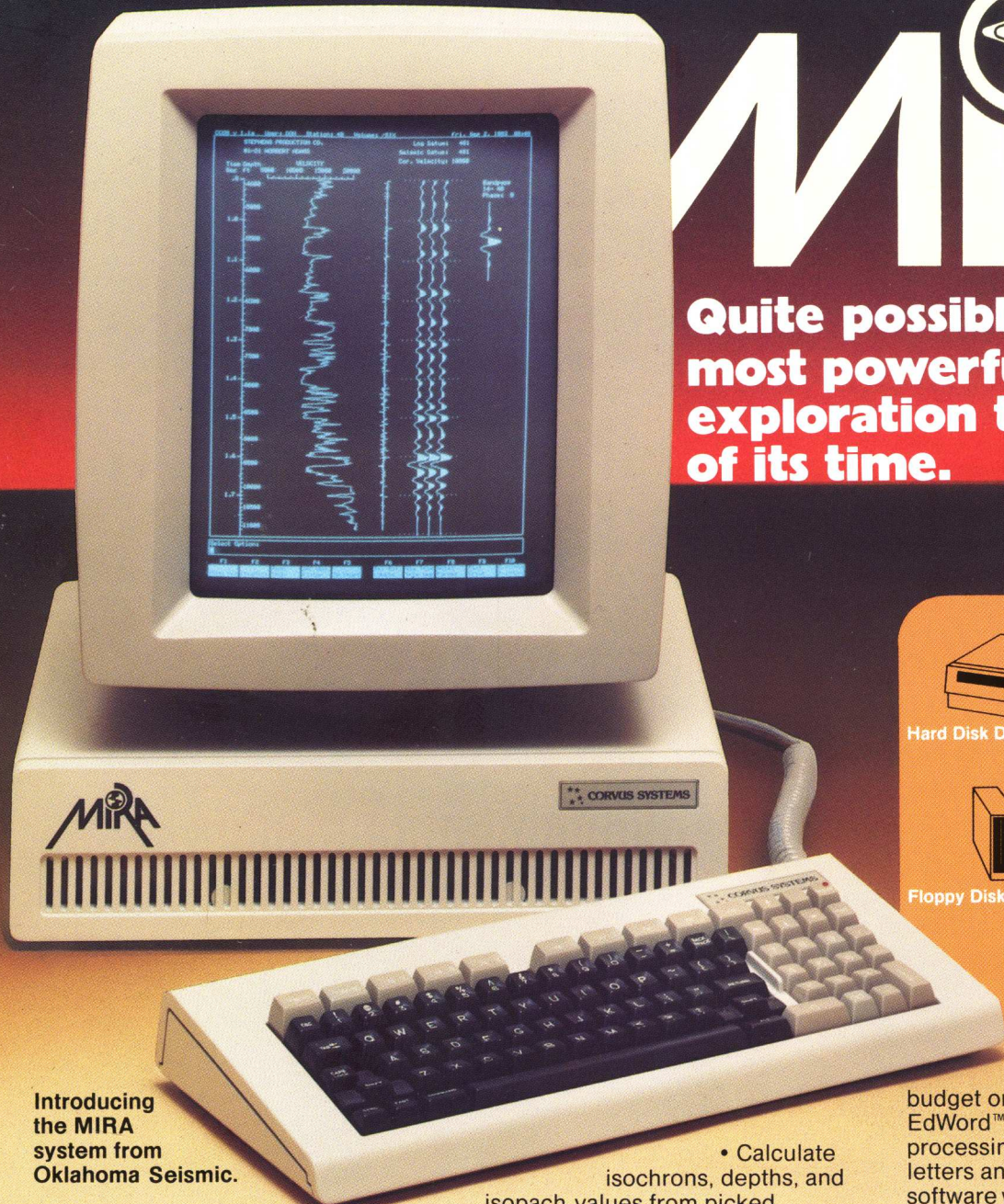
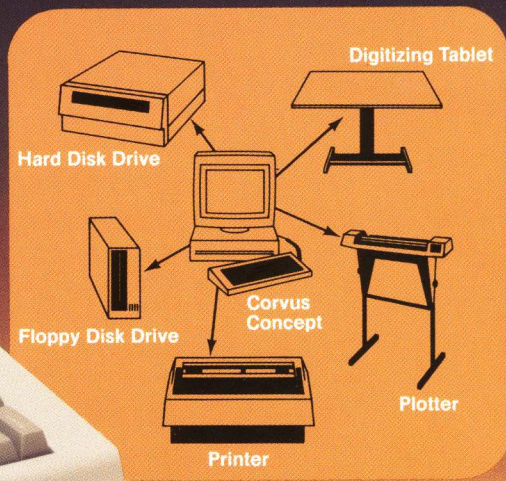


MIRA

Quite possibly the most powerful exploration tool of its time.



The MIRA System



Introducing the MIRA system from Oklahoma Seismic.

MIRA is a micro-processor based system designed specifically for the exploration department. It consists of a Corvus Concept computer with 512K of memory, and expandable hard disk storage.

The MIRA system has all the equipment and software your exploration department needs to:

- Digitize and edit well logs, seismic models, and stacked seismic sections.
- Generate synthetic seismograms.
- Do normal incident one and two-dimensional modeling.
- Store and access portions of stacked seismic sections with the ability to pick, scale and plot.
- Flatten two-dimensional models or stacked seismic data to a specified horizon.

- Calculate isochrons, depths, and isopach values from picked seismic horizons.

- Access Oklahoma Seismic Corporation's library of edited and digitized sonic logs.

MIRA grows when you do.

By utilizing the Corvus Omninet™ as many as 63 stations can be networked together in a single MIRA system, allowing a small department to expand without having to buy a new system. Adding a new station is as easy as connecting a stereo speaker.

MIRA does more.

Available with each MIRA system is additional software that makes the everyday departmental chores easier. For example, Corvus LogiCalc™ makes spreadsheets and budgets a snap, allowing you to enter new figures and recalculate an entire

budget or AFE with the push of a key. EdWord™ is an excellent word processing program for generating letters and contracts. Terminal software will allow the microprocessor to communicate with any other computer system.

To find out more about MIRA and for a price quote on a MIRA system designed for your exploration department, call our toll free number, 1-800-522-9049.



Oklahoma Seismic Corporation

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(405) 843-8490

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MIRA SOFTWARE

- All programs are fully interactive
- FUNCTION KEY commands
- Graphics output to printer or pen plotter
- Sharing of programs among users

WELL LOG DIGITIZATION

- Input from either digitizer or keyboard
- Automatic save feature prevents data loss
- Digitize and store up to 9 log curves per well
- Graphically display logs on the screen
- Edit previously digitized logs
- Generate quality check plots

SYNTHETIC SEISMOGRAM

- Display at any plot scale
- Bandpass, Klauder, Ricker and User wavelets
- Phase changes in any increment
- Time variant filtering
- Apply AGC of specified window length
- Increase/Decrease trace amplitude
- Change zone thickness and/or velocities
- Print time-depth charts in depth or time
- Annotate formation tops
- Display seismic trace from SEG Y stacked tapes
- Unique REDO/UNDO feature for preserving changes

TWO-DIMENSIONAL MODELING

- Vertical Incidence Modeling
- Input from either digitizer or keyboard
- Display horizons in depth or time
- Display seismic response at any plot scale
- Filtering as described above
- Apply AGC and trace scaling
- Print all digitized values, velocity-density pairs
- Vertical and lateral velocity and density interpolation
- Interactively add, delete or change events and parameters
- HIDE/UNHIDE feature for events

SHOW SECTION

- Display stacked seismic data at any horizontal and vertical scale
- Pick and edit seismic horizons on the screen
- Flatten seismic section on any picked horizon
- Calculate and print isochrons, isopachs, times and depths
- Input velocity function from keyboard for any shotpoint
- Velocity may be input as RMS, Interval, Average or T/D pairs

- Display sections in normal or reverse polarity
- Filter sections interactively
- Window data interactively and enlarge or reduce to any scale
- Apply AGC and trace scaling
- Read/Write data from floppy, hard disk or optional DATA BANK

PROFILE

- Digitize horizons from stacked seismic sections
- Redisplay picked horizons at any scale
- Calculate and print isochrons, isopachs, times and depths
- Interactively edit or add horizons to existing data files
- Display and/or plot events at original scale for overlays

TERMINAL

- Communication with most Mini or Mainframe computers
- Text and binary file transmission
- Emulation of Tektronix graphics terminals
- Communication with MIRA systems in other offices

FUTURE SOFTWARE DEVELOPMENT

- WELL LOG ANALYSIS PACKAGE
- DATA ACQUISITION PARAMETER DESIGN
- SEISMIC DATA ATTRIBUTE ANALYSIS

MIRA HARDWARE

Basic Configuration

- Corvus Concept with 512k RAM
- 20 Megabyte Corvus Winchester hard disk drive
- 5¼" Corvus 720k DS/DD Floppy diskette drive
- Integral Data Systems Prism132 printer
- Videx Parallel/Serial I/O board
- Quadram Microfazer 64k print buffer

Additional Available Hardware

- Houston Instrument DMP-41 pen plotter — HI PLOT CODE
- Houston Instrument CPS-19 pen plotter — PTC6 CONTROLLER
- Houston Instrument 38 x 50 digitizing tablet
- Attached Processor with 1 Megabyte memory, 12 megahertz clock, Floating Point Hardware
- 8" Corvus 1mb DS/DD Floppy diskette drive
- Corvus Ominet — local area network
- Corvus Network Utility Server
- Corvus Data Bank 100/200 mb Cartridge System.



Oklahoma Seismic Corporation