

WE WORK



WORLDWIDE PETROLEUM EXPLORATION AND ENGINEERING SERVICES



Advanced Resources International

Advanced Resources International

is a leading independent consulting firm providing technical and strategic services to the international energy industry.

Since 1991, we have added value to hundreds of oil and gas exploration and production projects in the U.S. and in over 30 countries, from Australia to Zimbabwe.

Our integrated approach combines geology and geophysics, petroleum engineering, and strategic and economic analysis.

As well as conventional oil & gas reservoirs, Advanced Resources specializes in emerging “unconventional” resources, such as coalbed methane, tight gas, gas shale, and enhanced oil recovery.

Our environmental capabilities span capturing greenhouse gas emissions at coal mines, sequestering CO₂ in geologic strata, produced water management, and managing land access and development restrictions.

Helping our clients advance their competitive position and manage their resource endowment is our foremost concern.

We provide assistance to:

- ◆ Major and independent oil & gas firms
- ◆ Coal and power producers
- ◆ Government agencies and ministries
- ◆ R&D consortia
- ◆ Financial and legal firms



HERE
there is VALUE

EXPLORATION SERVICES

Generating Value

Locating, high-grading, and testing new sources of oil & gas — particularly “unconventional” coalbed methane, tight sands, gas shale, and other challenging reservoirs.

Advanced Resources provides integrated exploration services, from national or regional basin assessments to detailed prospect analysis. Our Clients gain advantage from our leads, data bases, and unparalleled understanding of unconventional resources. Our services include:

- ◆ Geology & geophysics to locate high-permeability “fairways”
- ◆ Basin evaluation for resource appraisal and high-grading
- ◆ Prospect definition and analysis
- ◆ Coring and testing strategies
- ◆ Training

A photograph of an oil well structure in the background, with several large black pipes in the foreground, all set against a dark blue background. The text 'HERE there is A MISSION' is overlaid on the image.

HERE there is A MISSION

ENGINEERING SERVICES

A Guiding Mission

Maximizing recovery efficiency via the application of advanced technologies. Getting the most from challenging but increasingly vital unconventional reservoirs.

Advanced Resources provides the full range of engineering services, from reservoir simulation for field evaluation and design, to production operations, well-site analysis and supervision, and training. Our services include:

- ◆ Advanced drilling, completion, and stimulation technologies for low-permeability formations
- ◆ Numerical simulation for accurate reservoir modeling, reserves, and field optimization
- ◆ Advanced COMET3 simulator, used by over 30 petroleum producers
- ◆ Enhanced oil recovery
- ◆ Feasibility studies and pilot project design/implementation
- ◆ Underground gas storage design & operation



HERE
there is A CHALLENGE

E&P ENVIRONMENTAL SERVICES

Meeting the Challenge

Develop oil and gas resources while protecting the environment — and enhancing your bottom line.

Advanced Resources leads in applying new solutions for mitigating greenhouse gases and other environmental issues, while profitably developing oil and gas resources. Our areas of expertise include coal mine methane capture, the emerging field of CO₂ sequestration, and advanced GIS systems for land access management.

- ◆ Geologic CO₂ sequestration in oil fields (EOR), coal seams (ECBM), as well as other formations
- ◆ Coal mine methane capture for profitable GHG reduction with CBM production
- ◆ Strategic planning to minimize environmental exposure (lease stipulations and conditions of approval)
- ◆ Produced water management



HERE
there is OPPORTUNITY

STRATEGIC SERVICES

Create Opportunity

What are the strategic trends impacting your business? How will you recognize and profit from them?

Headquartered near Washington, D.C., and with regional offices in Houston and Denver, Advanced Resources bases its strategic practice on a strong technical foundation. Our experts help shape business and R&D strategies, offer policy makers options for strengthening the industry, and provide analysis and expert testimony impacting oil & gas regulation.

- ◆ E&P business unit support
- ◆ Corporate benchmarking
- ◆ International oil & gas management and regulation support
- ◆ Policy options for maximizing oil & gas development
- ◆ Expert witness testimony
- ◆ Research & development investment planning

If you are looking for
a resourceful firm
to add value to
your next project,
then start

HERE



Advanced Resources International

HERE you can FIND US

CORPORATE HEADQUARTERS

WASHINGTON, D.C.

4501 Fairfax Drive, Suite 910
Arlington, Virginia 222031659
1.703.528.8420 phone
1.703.528.0439 fax

REGIONAL OFFICES

HOUSTON

11490 Westheimer Rd, Suite 520
Houston, TX 77077-6841
1.281.558.9200 phone
1.281.558.9202 fax

TENNESSEE

603 W. Main Street, Suite 906
Knoxville, TN 37902-2613
1.865.541.4690 phone
1.865.541.4688 fax

CINCINNATI, OH

1282 Secretariat Court
Batavia, OH 45103
Phone: (513) 460-0360
scarpentef@adv-res.com

www.adv-res.com