

PROFESSIONAL SERVICES

To advertise in Professional Services, contact jpt_ads@spe.org or call +1.972.952.9351. For more information about advertising in *JPT*, go to Advertising Information on www.spe.org/jpt.

ARGENTINA

GCA

Gaffney, Cline & Associates

Technical and Management Advisers to the International Petroleum Industry

Gaffney, Cline & Associates Ltd.

Avenida Pte. Roque Saenz Peña 917
piso 2, Of. 1, C1035AAE
Capital Federal, Buenos Aires
Rep. Argentina
Tel: (54-11) 4394-1007
Fax: (54-11) 4326-0442
Email: gcaba@gaffney-cline.com
Also: UK, USA, Singapore, Australia and Russia
www.gaffney-cline.com

ASIA PACIFIC

Ryder Scott Company Petroleum Consultants

Est. 1937 • Worldwide Reserves Studies
Geoscience • Engineering • Economics
1100 Louisiana, Suite 3800, Houston, TX 77002-5218
Phone: 713-651-9191 Fax: 713-651-0849
Web Site: www.ryderscott.com
E-Mail: info@ryderscott.com

Changing Your Address?

Let SPE know. +1.972.952.9393

AUSTRALIA

NETHERLAND, SEWELL & ASSOCIATES, INC.

Worldwide Petroleum Consultants

Engineering • Geology • Geophysics • Petrophysics

• Argentina	• Kazakhstan
• Australia	• Mexico
• Bolivia	• Norway
• Brazil	• Papua New Guinea
• Canada	• Russia
• China	• Trinidad
• Egypt	• United Kingdom
• Equatorial Guinea	• United States
• Indonesia	• Venezuela

Dallas: (214) 969-5401 • Houston: (713) 654-4950
e-mail: nsai@nsai-petro.com
www.netherlandsewell.com
Because there is a difference.

SPE Training Marketplace

Does your company offer upstream oil and gas courses?

For listing information:
Call +1.972.952.9393 • Email: trainingmkt@spe.org

OPES International

The Resources and Experience for all

- Reservoir Engineering
- Production Engineering
- Geology
- Economics

Septimus Roe Square, Level 7,
256 Adelaide Terrace, Perth, Western Australia 6000
Tel: (618) 9221 3909 Fax: (618) 9221 2517
www.opes.com.au

SPE E&P Consultants Directory Online

Consultants—List your services now!

- Gain global exposure to potential E&P customers

Need a consultant? Search the directory for free!

- Find experts to help solve your most difficult challenges

Connect with consulting services here.

Find listing fees and consultants at
www.spe.org/consultant

CANADA

ADVANCED GEOTECHNOLOGY Petroleum Geomechanics Solutions

• Wellbore Stability • Sand Production • Hydraulic Fracturing
• Casing & Caprock Integrity • Naturally Fractured Reservoirs
• Compaction • Permafrost • Waste Disposal • Reservoir
Monitoring • Testing • STABView & ROCKSBank Software
1100, 333-5th Ave SW, Calgary, Alberta, CANADA T2P 3B6
tel: 1(403)693-7530 fax: 1(403)693-7541
info@advgeotech.com www.advgeotech.com

ROBERTO AGUILERA, Ph.D. SERVIPETROL LTD.

International Petroleum Consultants
Independent Oil and Gas Producers

Naturally Fractured Reservoirs
Log Interpretation
Well Test Analysis
Performance Forecasts
Economics
Numerical Simulation
Petroleum Short Courses

E-mail: aguilera@servipetrol.com
903-19th Avenue SW, Suite 502
Calgary, Canada T2P 3T7
Phone: (403) 266-2535 Fax: (403) 264-8297
<http://www.servipetrol.com>

AJM Petroleum Consultants

Evaluations that stand the test of time

- Corporate Reserves
- Acquisitions and Divestitures
- Special Reserves

www.ajma.net

Suite 1400, 734 - 7 Avenue SW
Calgary Alberta CANADA T2P 3P8
p. 403.232.6600 f. 403.265.0862
e. ajma@ajma.net

SPE Distance Learning...

Register online at www.SPE.org
or call +1.972.952.9393.

DEGOLYER AND MACNAUGHTON

WORLDWIDE PETROLEUM CONSULTANTS

5001 Spring Valley Rd., Ste. 800 East, Dallas, TX 75244
Tel: 214-368-6391 Fax: 214-369-4061
Calgary Office
311-6th Avenue SW, Suite 1430
Calgary, Alberta, Canada T2P 3H2
Tel: 403-266-8680 Fax: 403-266-1887
Email: degolyercal@demac.com
www.demac.com
DALLAS HOUSTON CALGARY MOSCOW

FEKETE

Independent International
Petroleum Consultants

- Reserves Evaluation
- Production Optimization
- Reservoir Engineering
- Pipeline Optimization
- Well Testing
- Simulation
- CBM Studies
- Software
- Geology
- Training

Toll Free: 1.800.625.2488 Phone: 403.213.4200
Email: fast@fekete.com Fax: 403.213.4298

fekete.com

GLJ Petroleum Consultants

Professional Engineering and Geological
Services to the Canadian and International Oil
and Gas Industry since 1972

Reserve Determinations & Economic Analyses
Reservoir Engineering & Geological Appraisals
Exploration Prospect Reviews
Surface Mineable Oil Sands Evaluations
Resource Supply & Ultimate Potential Studies
Securities Commissions Reporting
Corporate Advisory & Technical Support

Bus: (403) 266-9500 Internet: www.GLJPC.com
Fax: (403) 262-1855 Email: info@GLJPC.com
4100, 400 - 3rd Avenue S.W., Calgary, Canada T2P 4H2

McDaniel & Associates Consultants Ltd.

World Leaders in Petroleum
Consulting since 1955

Domestic & International Specialists in:

Reserve Evaluations Geological Studies
Acquisitions/Divestitures Reservoir Engineering

Phone: (403) 262-5506
Fax: (403) 233-2744

Calgary Alberta Canada

Website: www.mcdan.com
Email: mcdaniel@mcdan.com

NETHERLAND, SEWELL & ASSOCIATES, INC.

Worldwide Petroleum Consultants

Engineering • Geology • Geophysics • Petrophysics

• Argentina	• Kazakhstan
• Australia	• Mexico
• Bolivia	• Norway
• Brazil	• Papua New Guinea
• Canada	• Russia
• China	• Trinidad
• Egypt	• United Kingdom
• Equatorial Guinea	• United States
• Indonesia	• Venezuela

Dallas: (214) 969-5401 • Houston: (713) 654-4950
e-mail: nsai@nsai-petro.com
www.netherlandsewell.com
Because there is a difference.

PetroStudies Consultants Inc.

Reservoir Engineering & Simulation Specialists
Exodus & Exotherm Experts

www.petrostudies.com

Ph: (403) 265-9722 / Fax: (403) 265-8842

PHH PETROLEUM CONSULTANTS LTD.

RESERVOIR ENGINEERING
RESERVOIR SIMULATION
GAS RESERVE AND DELIVERABILITY STUDIES
RESERVOIR PERFORMANCE REVIEWS
SOFTWARE DEVELOPMENT
Suite 240, 1121 Centre Street N.W.
Calgary, Alberta, Canada, T2E 7K6
Phone: (403) 232-6822 Fax: (403) 232-6764 Email: phhpc@telus.net

RPS-APA

- Integrated Petroleum Studies
- Unconventional Reservoir Development
- Frontier Developments
- Production & Well Engineering
- Reservoir Engineering
- Seismic — Site Investigation & Survey
- Geotechnical Consulting

Petroleum Engineering 403.265.7226
Seismic/Geotechnical 403.263.0449
www.rpsgroup.com www.apa-inc.com

RPS Energy Canada

Ryder Scott Company Petroleum Consultants

*Est. 1937 • Worldwide Reserves Studies
Geoscience • Engineering • Economics*

Houston • Calgary • Denver

1100 Louisiana, Suite 3800, Houston, TX 77002-5218
Phone: 713-651-9191 Fax: 713-651-0849

1200, 530 - 8th Ave. S.W., Calgary, Alberta T2P 3S8
Phone: 403-262-2799 Fax: 403-262-2790

621 17th St., Suite 1550, Denver, CO 80293
Phone: 303-623-9147 Fax: 303-623-4258

Web Site: www.ryderscott.com
E-Mail: info@ryderscott.com

Sproule

Worldwide Petroleum Consultants

Reserves and Resource Evaluation Specialists

Calgary, Alberta, Canada
(403) 294-5500
1-877-777-6135

Website: www.sproule.com
E-Mail: info@sproule.com

Teknica Overseas Ltd.

Specializing in Integrated Reservoir Studies
Established in 1972 with experience in over 50 countries

- Geophysical Interpretation
- Reservoir Engineering
- Seismic Processing
- Reservoir Simulation
- Geological Studies
- Enhanced Oil Recovery
- Geostatistics
- Production Engineering
- Petrophysical Studies
- Software Development
- Reservoir Characterization
- Technology Transfer
- Database Development

Suite 2200, 605 - 5th Avenue S.W.
Calgary, Alberta, Canada T2P 3H5
Phone: (403) 269-4386 • Fax: (403) 266-4395
Email: teknicat@teknicatld.com • Web:
www.teknicatld.com

CENTRAL EUROPE

Ryder Scott Company Petroleum Consultants

Est. 1937 • Worldwide Reserves Studies

1100 Louisiana, Suite 3800, Houston, TX 77002-5218
Phone: 713-651-9191 Fax: 713-651-0849
4 Park Place, London, SW1A 1LP, U.K.
Phone: 44 (0)207-898-9340

Web Site: www.ryderscott.com • E-Mail: info@ryderscott.com

Sharpen your Competitive Edge with SPE's Distance Learning...

Save time and money online,
self-paced courses, accessible
worldwide.

For additional information about
courses, or to register, visit
www.SPE.org or call +1.972.952.9393.

CHINA

EAST WEST Consultants Ltd.

Oilfield specialists providing and introducing
products, services, and personnel
Offshore and Onshore China

Rm. 3916 Shing Choi House, Tin Shing Court, Tin Shui Wai, NT, Hong Kong
Tel: (852) 6054.4809 Fax: (852) 2254.3369
e-mail: info@eastwestconsultantsltd.com

www.eastwestconsultantsltd.com

Sharing Experiences Around the World and Around the Clock...

SPE TIGs...

Join one of 26 discipline-specific
Technical Interest Groups
(TIGs) to access technology and
create a network of colleagues.

Register online at www.SPE.org or call
+1.972.952.9393.

INDONESIA

OPES International

The Resources and Experience for all

- Reservoir Engineering
- Production Engineering
- Geology
- Economics

Septimus Roe Square, Level 7,
256 Adelaide Terrace, Perth, Western Australia 6000
Tel: (618) 9221 3909 Fax: (618) 9221 2517

www.opes.com.au

Changing Your Address?

Let SPE know. +1.972.952.9393

KUWAIT

International Reservoir Technologies, Inc.

INTEGRATED RESERVOIR STUDIES

*Seismic Interpretation & Modeling
Stratigraphy & Petrophysics
Reservoir Simulation
Enhanced Oil Recovery Studies
Well Test Design & Analysis
Well Completion Optimization*

300 Union Blvd., Suite 400
Lakewood, CO 80228

PH: (303) 279-0877 Fax: (303) 279-0936

LIBYA

Ryder Scott Company Petroleum Consultants

*Est. 1937 • Worldwide Reserves Studies
Geoscience • Engineering • Economics*

1100 Louisiana, Suite 3800, Houston, TX 77002-5218
Phone: 713-651-9191 Fax: 713-651-0849
Web Site: www.ryderscott.com
E-Mail: info@ryderscott.com

NORWAY

PERA

Curtis H. Whitson
& Associates

EOS Fluid Characterization Studies
Petroleum Streams Management

Design & Analysis of PVT Data
Compositional Simulation Expertise
Gas Condensate Specialists

Granåsvei 1, 3rd Floor • 7048 Trondheim Norway
Phone 47 7384 8080 / Fax 47 7384 8081
whitson@pera.no / www.pera.no

RUSSIA

- the leading Russian oil & gas recruitment company
- recruitment services for all disciplines
- permanent and contract personnel

anchor
ENERGY SERVICES

21/3 Stanislavskogo St., phone: (495) 540-41-00
Moscow, 109004, Russia e-mail: energy@anchor.ru
www.anchorenergy.com

DEGOLYER AND MACNAUGHTON

WORLDWIDE PETROLEUM CONSULTANTS

5001 Spring Valley Rd., Ste. 800 East, Dallas, TX 75244
Tel: 214-368-6391 Fax: 214-369-4061

Moscow Office
8 B Mozhaisky Val, 5th Floor
121151 Moscow, Russia

Tel: 7495-660-7273 Fax: 7495-660-7276

Email: degolyermos@demac.com
www.demac.com

DALLAS HOUSTON CALGARY MOSCOW

GCA

Gaffney, Cline & Associates

Technical and Management Advisers to the International Petroleum Industry

Gaffney, Cline & Associates Ltd.

8th Floor, Radisson SAS Slavyanskaya Business Centre
2 Europe Square, Moscow 121059
Russian Federation
Telephone: +7 095 941 87 10
Fax: +7 095 941 87 11

Also: UK, USA, Singapore, Argentina and Australia

www.gaffney-cline.com

Stuart Wright Pte Ltd

Leading Well Engineering & Service Provider in:-

Well Design
Well Assurance Reviews (HPHT)
Well Control Incident Investigation
Mechanical Component Failure Investigation & Analysis
Well Engineering Training
Personnel Secondment
Drilling Project Management

No.1 Scotts Road
#18-06 Shaw Centre
Singapore 228208

Tel: 65-63039988

Fax: 65-63039989

Email: admin@stuartwright.com.sg

Website: www.stuartwright.com.sg

PETROLEUM DEVELOPMENT CONSULTANTS

International Petroleum Consultants

Reservoir Studies • Field Development
Expert Witness Services • Due Diligence

Stanhope House
4-8 Highgate High Street
London N6 5JL, UK

Tel: +44 20 8347 3498

Fax: +44 20 8347 3499

Email: info@pdc.uk.com

www.pdc.uk.com

SERVING THE OIL AND GAS INDUSTRY FOR
OVER 50 YEARS

MILLER AND LENTS, LTD.

INTERNATIONAL OIL AND GAS CONSULTANTS

Specializing in All Phases of Reserves Evaluations,
Including Petroleum Economics,
Reservoir Engineering, Geology, and Petrophysics

Two Houston Center
909 Fannin St., Ste. 1300
Houston, TX 77010

Phone: (713) 651-9455

Fax: (713) 654-9914

e-mail: mail@millerandlents.com

Web pages: <http://www.millerandlents.com>

Ryder Scott Company Petroleum Consultants

*Est. 1937 • Worldwide Reserves Studies
Geoscience • Engineering • Economics*

1100 Louisiana, Suite 3800, Houston, TX 77002-5218

Phone: 713-651-9191 Fax: 713-651-0849

Web Site: www.ryderscott.com

E-Mail: info@ryderscott.com

Changing Your Address?

Let SPE know. +1.972.952.9393

UNITED KINGDOM

BEICIP-FRANLAB

The IFP Consultancy

(Institut Français du Pétrole)

THINK Beicip-Franlab for:

- Reservoir characterization, simulation and management
- E & P advanced technologies and methods
- Experienced multidisciplinary teams
- 40 years of worldwide expertise
- Software solutions for E & P

Head offices in Rueil-Malmaison

PO Box 213-92502 Rueil-Malmaison Cedex (France)

Tel: 33(1)47088000

Fax: 33(1)47088108

E-mail: info.dep@beicip.fr

www.beicip.com

Ryder Scott Company Petroleum Consultants

Est. 1937 • Worldwide Reserves Studies

1100 Louisiana, Suite 3800, Houston, TX 77002-5218

Phone: 713-651-9191 Fax: 713-651-0849

4 Park Place, London, SW1A 1LP, U.K.

Phone: 44 (0)207-898-9340

Web Site: www.ryderscott.com • E-Mail: info@ryderscott.com

TRACS International

Training and Consultancy Services to the Petroleum Industry

- Reserves Audits
- Asset Value Assurance
- Business Consultancy
- Acquisition and Disposition
- Reservoir Studies
- Training

Falcon House
Union Grove Lane
Aberdeen, AB10 6XU

44 Quarry Street
Guildford
Surrey, GU1 3XQ

Tel: +44 1224 321213

Tel: +44 1483 452522

Fax: +44 1224 321213

Fax: +44 1483 598010

www.tracs.com

TRACS International

Training and Consultancy Services to the Petroleum Industry

- Reserves Audits
- Asset Value Assurance
- Business Consultancy
- Acquisition and Disposition
- Reservoir Studies
- Training

Office 50, Dmitrovsky Proezd 10/3
125422 Moscow

Tel: +7 495 775 6116

Fax: +7 495 775 6116

www.tracs.com

GCA

Gaffney, Cline & Associates

Technical and Management Advisers to the International Petroleum Industry

Gaffney, Cline & Associates Ltd.

Bentley Hall, Blacknest
Alton, Hampshire, GU34 4PU
UK

Tel: +44 (0) 1420 525366

Fax: +44 (0) 1420 525367

Email: gcauk@gaffney-cline.com

Also: USA, Singapore, Russia, Argentina and Australia

www.gaffney-cline.com

UNITED STATES

Acute Technological Services, LLC

**Welding Engineering
Research and Development
Worldwide Welding Services**

11925 Brittmoore Park Drive
Houston, Texas 77041
713-983-9353

www.acutetechserv.com

SINGAPORE

GCA

Gaffney, Cline & Associates

Technical and Management Advisers to the International Petroleum Industry

Gaffney, Cline & Associates Pte. Ltd.

80 Anson Road, #31-01C

Fuji Xerox Towers

Singapore 079907

Tel: 65 6225-6951

Fax: 65 6224-0842

Email: gcas@gaffney-cline.com

Also: Sydney, Australia

Tel: (61-2) 9955-6157

Fax: (61-2) 9955-0624

Email: gcasyd@gaffney-cline.com

Also: UK, USA, Russia and Argentina

www.gaffney-cline.com

NETHERLAND, SEWELL & ASSOCIATES, INC.

Worldwide Petroleum Consultants

Engineering • Geology • Geophysics • Petrophysics

- Argentina
- Australia
- Bolivia
- Brazil
- Canada
- China
- Egypt
- Equatorial Guinea
- Indonesia
- Kazakhstan
- Mexico
- Norway
- Papua New Guinea
- Russia
- Trinidad
- United Kingdom
- United States
- Venezuela

Dallas: (214) 969-5401 • Houston: (713) 654-4950

e-mail: nsai@nsai-petro.com

www.netherlandsewell.com

Because there is a difference.

R&D Providers Directory

Connecting companies who need R&D

For listing information:

Call +1.972.952.9393 • Email: rdprov@spe.org

Advanced Resources International

*Petroleum Engineering
Geology/Geophysics
Strategic/Economic Analysis*

Office Locations:

Houston: 713/780-0815

Denver: 303/295-2722

Washington, DC: 703/528-8420

Email: info@adv-res.com

Website: www.adv-res.com

SPE Distance Learning...

Register online at www.SPE.org
or call +1.972.952.9393.

APEX

PETROLEUM ENGINEERING

Drilling / Completion / Operations Engineering

Hydraulic Fracture Design & Real-Time Execution

Reservoir Studies / Completion Optimization

Horizontal Well Completions / Reservoir Simulation

2 Inverness Drive East, Ste. 201, Englewood, Colorado 80112
303-779-2520 • email: apexpe@apexpe.com • www.apexpe.com

AVASTHI

Worldwide petroleum engineering, geosciences, technology, operations and management consulting

P.O. Box 60497, Houston, TX 77205-0497 USA
Phone: 281-359-2674 • Fax: 281-754-4969
E-mail: avas@att.net • Voicemail: 281-754-4969

BEICIP-FRANLAB

The IFP Consultancy
(Institut Français du Pétrole)

THINK Beicip-Franlab for:

- Reservoir characterization, simulation and management
- E & P advanced technologies and methods
- Experienced multidisciplinary teams
- 40 years of worldwide expertise
- Software solutions for E & P

Head offices in Rueil-Malmaison
PO Box 213-92502 Rueil-Malmaison Cedex (France)
Tel: 33(1)47088000 Fax: 33(1)47088108
E-mail: info.dep@beicip.fr www.beicip.com

BLACKMIDAS

Reservoir Simulation & Evaluation Technology

Reservoir Engineering, Characterization, Reserve Determinations,
Phase Behavior Studies, Gas Condensate Studies, Gas Storage
Field Re/Development Studies, Enhanced Oil Recovery
Economic/Risk Analysis, Expert Witness

(Houston) 1-713-984-8855, Fax 1-713-984-1793
www.blackmidas.com or email rs-etc@blackmidas.com

Cawley Gillespie

Petroleum Consultants
Integrated Engineering & Geology

<p>Ft. Worth 306 W. 7th Street Suite 302 Fort Worth, TX 76102 Phone: (817) 336-2461 Fax: (817) 877-3728</p> <p style="text-align: right;"><i>Email: info@cgaus.com Website: www.cgaus.com</i></p>	<p>Houston 1000 Louisiana Street Suite 625 Houston, TX 77002 Phone: (713) 651-9944 Fax: (713) 651-9980</p>
---	---

WILLIAM M. COBB & ASSOCIATES, INC.

— WORLDWIDE PETROLEUM CONSULTANTS —

*Waterflood & EOR Studies, Geosciences, Training,
Reserves & Property Valuation, Expert Witness*

12770 Coit Road, Suite 907, Dallas, TX 75251
Phone (972) 385-0354 FAX (972) 788-5165
www.wmcoobb.com E-mail: office@wmcoobb.com

COUTRET AND ASSOCIATES, INC.

Petroleum Reservoir Engineers

Property Evaluation, Reservoir Engineering
Fluid Injection, Property Management

401 Edwards Street, Suite 810 Shreveport, LA 71101
Phone (318) 221-0482 Fax (318) 221-3202
coutret@coutret.com/www.coutret.com

RALPH E. DAVIS ASSOCIATES, INC.

International Consultants — Petroleum and Natural Gas
www.ralphedavis.com

Reserve Evaluation • Reservoir Studies • Geologic Studies
Coaled Methane Development • Property Acquisition and Sales • Expert Witness

1717 St. James Place, Suite 460 - Houston, TX 77056
Tel: 713-622-8955 Fax: 713-626-3664
Proudly serving the industry for over 80 years.

DEGOLYER AND MACNAUGHTON

WORLDWIDE PETROLEUM CONSULTANTS

5001 Spring Valley Rd., Ste. 800 East, Dallas, TX 75244
Tel: 214-368-6391 Fax: 214-369-4061
Houston Office
5151 San Felipe, Ste. 950, Houston, TX 77056
Tel: 713-273-8300 Fax: 713-784-1972
Email: degolyer@demac.com
www.demac.com

DALLAS HOUSTON CALGARY MOSCOW

DRILLING-PROSPECTS.COM

Visit Us Online:
www.drilling-prospects.com

EDINGER ENGINEERING INC.

PETROLEUM ENGINEERS

Property Valuation
Management & Operations
Secondary Recovery—Reservoir Studies
Estate & Trust Appraisals
Hightower Bldg., Oklahoma City, OK 73102
(405) 232-6315 fax: (405) 232-8136

M.J. ENGLAND, P.E.

CONSULTING PETROLEUM ENGINEER

Reserve Reports Estate Appraisals
Fair Market Value Expert Witness

621 17th Street, Suite 1500
Denver, CO 80293-1503
Telephone: 303/298-0860
Facsimile: 303/298-0861

Fairchild & Stan

PETROLEUM AND ENVIRONMENTAL ENGINEERING CONSULTANTS

1011 Highway 6 South Suite 304
Houston, Texas 77077-1036
Tel: (281) 497-8990 Fax: (281) 497-8368
Email: faw@fawinc.com
www.fawinc.com

FESCO, Ltd.

P-V-T Laboratory • Hydrocarbon Laboratory

- Pressure Transient Analyses
- Reservoir Fluid Sampling and Analyses
- Dew Point Determinations

361.661.7000 Ext. 201
email: wayne.shoemake@fescoinc.com
www.fescoinc.com

FORREST A. GARB & ASSOCIATES, INC.

International Petroleum Consultants

Reservoir Engineering	Expert Witness
Economic Evaluation	Reservoir Simulation
Geologic Studies	Due Diligence
Forensic Engineering	Technical Staffing

5310 Harvest Hill Road, Suite 275
Dallas, Texas 75230-5805
Tel: 972-788-1110 Fax: 972-991-3160
Email: forgarb@forgarb.com
Web pages: www.forgarb.com

GCA

Gaffney, Cline & Associates

Technical and Management Advisers to the
International Petroleum Industry

1360 Post Oak Blvd. Suite 2500
Houston, Texas 77056
Tel: (713) 850-9955 Fax: (713) 850-9966

Also: UK, Singapore, Russia, Argentina and Australia
www.gaffney-cline.com

H.J. Gruy and Associates, Inc.

Worldwide Petroleum Engineering and Geoscience

Reserve Determinations	Market Valuations
Geologic Studies	Expert Testimony
Petrophysical Analysis	Arbitration
Seismic Interpretation	Commercial Models
Reservoir Simulation	Risk Analysis
Stochastic Evaluations	Acquisition Screening

HAAS PETROLEUM ENGINEERING SERVICES, INC.

Robert W. Haas, P.E., President

Three Allen Center 333 Clay Street, Suite 3850 Houston, Texas 77002 TEL: (713) 739-1000 FAX: (713) 739-6112 hougry@hjrgruy.com	Plaza of the Americas Bldg. 600 N. Pearl Street, Suite 2230, LB 150 Dallas, Texas 75201 TEL: (214) 720-1900 FAX: (214) 720-1913 dalgruy@hjrgruy.com
---	---

2100 Ross Ave., Suite 1450 Dallas, TX 75201
Office (214) 754-7090 Fax (214) 754-7092
Email: haas@haasengineering.com
www.haasengineering.com

T. Scott Hickman & Associates, Inc.

Consulting Petroleum Engineers
Experienced Throughout U.S.A.

Due Diligence Reserve Evaluation Reservoir Studies	Prospect Screening Property Acquisition Litigation
--	--

505 N. Big Spring, Suite 105
TEL (432) 683-4391
Energy Square Bldg. Midland, TX 79701
www.tshickman.com FAX (432) 683-7303
Email: tshickman@tshickman.com

Huddleston & Co., Inc.

Domestic and International
Petroleum & Geological Engineers

1221 McKinney, Suite 3700
Houston, TX 77010
Ph: (713) 209-1100 Fax: (713) 209-1104
e-mail: info@HuddlestonCo.com

Integrated Well Flow Solutions

Domestic and International Petroleum Consulting

- Production Well Flow Modelling and Design
- Integrated Field Production Modelling and Optimization
- Production Modelling Software training courses
- Petroleum Software Evaluation/Selection

161 Littleton Dr., Suite 1, Austin, TX 78737
Phone: 1-512-363-0822 • Fax: 1-512-535-0064
e-mail: info@inwellfosol.com • web-site: www.inwellfosol.com

International Reservoir Technologies, Inc.

INTEGRATED RESERVOIR STUDIES

*Seismic Interpretation & Modeling
Stratigraphy & Petrophysics
Reservoir Simulation
Enhanced Oil Recovery Studies
Well Test Design & Analysis
Well Completion Optimization*

300 Union Blvd., Suite 400
Lakewood, CO 80228
PH: (303) 279-0877 Fax: (303) 279-0936

IPR GROUP OF COMPANIES

(Improved Petroleum Recovery)

- Oil and Gas Exploration and Production
- Integrated Technologies for Reservoir Management and Field Development
- Oilfield Services and EOR Applications
- Technology Transfer

600 East Las Colinas Blvd., #800, Irving, TX USA 75039-5601
Phone: (972) 257-1900; FAX: (972) 910-9259
E-Mail: ipr@iprgoc.com
www.iprgoc.com

London
(44) (207) 887-1303
(44) (207) 887-6100
iprgroup.uk@iprgoc.com

Cairo
Phone: (20) (2) 358-3235
Fax: (20) (2) 380-1717
ipr@iprcairo.com

LONQUIST & CO. LLC

Petroleum Engineers • Energy Advisors

www.lonquist.com

- Reservoir Engineering
- Reserve Determinations
- Economic Evaluations
- Underground Storage Engineering
- Salt Cavern Engineering
- Supply Studies
- Merger & Acquisition Support
- Mineral and Royalty Management
- Regulatory Filings and Testimony

Austin Office

Barton Oaks Plaza I, Suite 435
901 South Mopac Expressway
Austin, Texas 78746
Tel: 512.732.9812
Fax: 512.732.9816

Houston Office

1001 McKinney
Suite 1720
Houston, Texas 77002
Tel: 713.559.9950
Fax: 713.559.9959

MK Tech Solutions, Inc.

EOR Evaluation and Simulations, Gas and Air Injection, Miscible, Thermal, Surfactant Enhanced Waterflooding
12843 Covey Lane, Houston, TX 77099
Ph: 281-564-8851, Fax: 281-564-8821
www.MKTechsolutions.com

NECI

Northeastern Energy Consulting, Inc.

ENGINEERING SERVICES

Well Operations • Drilling Supervision • Reserve Appraisals
Pittsburgh, PA (724) 444-0875

iReservoir.com, Inc.

Geophysics Geologic Modeling
Petrophysics Reservoir Simulation

iReservoir.com provides world class 3D reservoir characterization and simulation studies along with secure Web hosting of dynamic results for oil and gas companies using state-of-the-art geoscience and engineering technology.

1490 W. Canal Court, Suite 2000 Ph. 303-713-1112
Littleton, CO 80120-5643 Fax. 303-713-1113

E-Mail: meng@iReservoir.com

www.iReservoir.com

MHA Petroleum Consultants

Worldwide Petroleum Consultants

- Integrated Geology & Engineering Studies
- Reservoir Engineering & Simulation
- Reserves Valuation / Risk Analysis
- Acquisition and Disposition
- Litigation / Arbitration Support
- Training

14142 Denver West Parkway, Suite 190
Lakewood, Colorado 80401
Phone: (303) 277-0270 Fax: (303) 277-0267
Website: mhausa.com

NETHERLAND, SEWELL & ASSOCIATES, INC.

Worldwide Petroleum Consultants

Engineering • Geology • Geophysics • Petrophysics

- Argentina
- Australia
- Bolivia
- Brazil
- Canada
- China
- Egypt
- Equatorial Guinea
- Indonesia
- Kazakhstan
- Mexico
- Norway
- Papua New Guinea
- Russia
- Trinidad
- United Kingdom
- United States
- Venezuela

Dallas: (214) 969-5401 • Houston: (713) 654-4950

e-mail: nsai@nsai-petro.com

www.netherlandsewell.com

Because there is a difference.

KMS Technologies

Custom borehole systems & permanent sensors
Technology development / transfer / evaluation
Petrophysics & Geophysics consultancy

Tel: 713.532.8144
or 281.293.8144
Fax: 832.204.8418

KJT Enterprises Inc.
6420 Richmond Ave., Suite 610
Houston, TX 77057
USA

www.KMSTechnologies.com

Mannon Associates Petroleum Consultants

1045 Via Tranquilla
Santa Barbara, CA 93110
E-Mail: mannon@cox.net
(805) 682-8480
(805) 687-7787 (Fax)

- Economic Valuation
- Expert Testimony
- Reservoir Engineering
- Geology
- Petroleum Software

NITEC LLC

International Petroleum Consultants

Improve
and
Accelerate

Data Integration
Reservoir characterization
Numerical simulation
Economic decisions

Fracture Characterization • Property Modeling
Black Oil/Compositional/Thermal Reservoir Simulation
Gas Storage • CBM • Surface Network Modeling

475 17th Street, Suite 1400 Ph. (303) 292-9595
Denver, Colorado 80202 Fax (303) 292-9585

www.NITECLLC.com

LEE KEELING AND ASSOCIATES, INC. International Petroleum Consultants

Economic Evaluations Reservoir Engineering
Reserve Estimates Secondary Recovery
Reservoir Simulation Gas Storage
Expert Witness S.E.C. Appraisals

Tulsa Office
Suite 3500
15 East 5th Street
Tulsa, OK 74103-4350
Phone: (918) 587-5521
Fax: (918) 587-2881

Houston Office
Suite 3790
601 Jefferson Ave.
Houston, TX 77002
Phone: (713) 651-8006
Fax: (281) 754-4934

www.lkaengineers.com
e-mail: keeling@lkaengineers.com

Subscribe to

SPE Journal

Call +1.972.952.9393 or subscribe
online at www.SPE.org.

Marshall Miller & Associates, Inc.

International Petroleum Engineers
Specializing in
Oil & Gas Evaluations
Coalbed Methane Assessments
Reservoir Analysis & Project Economics

corp@mma1.com • (276)322-5467

Office Locations: VA • WV • KY
NC • PA • KS • LA • TN • affiliated
Office Location: Shanxi Province, PRC

www.mma1.com

D.F. NORTH AND ASSOCIATES, INC. PETROLEUM AND NATURAL GAS CONSULTANTS

- Reserve Appraisals • Prospect Evaluations
- Economic/Risk Analysis • Gas/LPG Storage Studies
- Pipeline Design • Expert Witness • Computer Software

DFNAA@PRODIGY.NET
P.O. Box 7335 Off. (281) 298-1167
The Woodlands, Texas 77387 Res. (281) 367-1767

LARANCE ENGINEERING COMPANY LANE OPERATING COMPANY

Consulting Petroleum Engineers
Reserv. Eva., Sec. Recovery, Unitiz.
Drilling & Completion Supervision
Property Management

719 Scott Ave., Suite 420
Wichita Falls, TX 76301 940/322-0744

LaRoche Petroleum Consultants, Ltd. 25 Years of Quality Service

Global Petroleum Engineering, Geological,
and Geophysical Services

4600 Greenville Ave. www.larocheltd.com
Suite 160 Phone: 214-363-3337
Dallas, TX 75206 Fax: 214-363-1608

SPE TIGs... 26 discipline-specific Technical Interest Groups (TIGs) to share experiences around the world and around the clock.

www.SPE.org +1.972.952.9393

SERVING THE OIL AND GAS INDUSTRY FOR
OVER 50 YEARS

MILLER AND LENTS, LTD.

INTERNATIONAL OIL AND GAS CONSULTANTS

Specializing in All Phases of Reserves Evaluations,
Including Petroleum Economics,
Reservoir Engineering, Geology, and Petrophysics

Two Houston Center Phone: (713) 651-9455
909 Fannin St., Ste. 1300 Fax: (713) 654-9914
Houston, TX 77010 e-mail: mail@millerandlents.com

Web pages: <http://www.millerandlents.com>

Hydraulic Fracturing Technologies

NSI
Design/Evaluation/Optimization
On-Site Consultation
Training
Laboratory Services
Industry Leading Software

Houston, Texas Tulsa, Oklahoma
(281) 367-7353 (918) 496-2071
FAX: (281) 364-1360 info@nsitech.com

R&D Providers Directory

Connecting companies who need R&D

For listing information:

Call +1.972.952.9393 • Email: rdprov@spe.org

PetroTel

Leaders in Oil and Gas Technology

World Class Multinational Experience

- Enhanced Oil Recovery
- Reserve & Resource Evaluation
- Field Development Plans
- Geological Modeling & Petrophysics
- Seismic Interpretation, AVO & DHI
- Electric Power Facility Optimization

5240 Tennyson Parkway, Suite 207
Plano, TX 75024, USA
Phone: 972-473-2767 Fax: 972-473-2667
Email: petrotel@petrotel.com
www.petrotel.com

PLATT, SPARKS & ASSOCIATES CONSULTING PETROLEUM ENGINEERS, INC.

www.PlattSparks.com

- Reservoir Engineering
- Reservoir Simulation
- Reservoir Characterization
- Oil and Gas Reserves Evaluation
- Fair Market Value and Acquisition Valuation
- Enhanced Oil Recovery
- Economic Evaluation
- Oil and Gas Production
- Gas Storage Design and Screening
- Regulatory Filings and Database Acquisition
- Expert Petroleum Engineering Testimony

AUSTIN OFFICE
925-A Capital of Texas Highway S.
Austin, Texas 78746 U.S.A.
Telephone: (512) 327-6930
Facsimile: (512) 327-7069
Experts@PlattSparks.com

MIDLAND OFFICE
800 North Marientfield, Ste. 100
Midland, Texas 79701 U.S.A.
Telephone: (432) 687-1939
Facsimile: (432) 687-1930
Dsparks@DiscoveryOperating.com

PRA

Petrotechnical Resources of Alaska, LLC
Alaska's Oil and Gas Consultants
Geology, Geophysics, and Engineering
www.Petroak.com

3601 C Street (907) 272-1232 voice
Suite 822 (907) 272-1344 fax
Anchorage, AK 99503

STOP Sucker Rod Failures, enjoy 100% PUMP EFFICIENCY

Adam Praisnar, Jr.

Professional Petroleum Engineer—Texas
Midland, Texas

432-570-6514 Fax 432-685-3806

The only thing that prevents perfect subsurface pump performance is Gas Interference. Pump failures, fluid pound, and rod failures are all products of Gas Interference. I have long successful experience solving for Gas Interference and eliminating these subsurface problems.

First Try Everytime

QUESTA ENGINEERING CORPORATION A Norwest Company

INTERNATIONAL PETROLEUM CONSULTING

Reservoir Engineering • Economic Risk
Analysis • Mature Fields • Oil Shale
CBM • IOR/EOR

Depend on the Experts

www.questa.com • 1-866-277-1629

ROCKY MOUNTAIN OILFIELD TESTING CENTER (RMOTC)

Let us partner with you to test your technology real time in an operating field:

- Drilling
- Production (cased/open hole)
- Reservoir Stimulation
- Geophysics/geosciences
- Alternative energy
- Oilfield Remediation

907 N. Poplar St., Suite 150
Casper Wyoming 82601
307 233-4800
www.rmotc.doe.gov

Subscribe to

SPE Reservoir Evaluation & Engineering

Call +1.972.952.9393 or subscribe
online at www.SPE.org.

RPS-APA*

- Integrated Petroleum Studies
- Unconventional Reservoir Development
- Frontier Developments
- Production & Well Engineering
- Reservoir Engineering
- Seismic — Site Investigation & Survey
- Geotechnical Consulting

Petroleum Engineering 888.622.1519
Seismic/Geotechnical 281.877.9400
www.rpsgroup.com www.apa-inc.com

RPS Energy*

*Previously APA Petroleum Engineering Inc.
*In States where licensed

Ryder Scott Company Petroleum Consultants

Est. 1937 • Worldwide Reserves Studies
Geoscience • Engineering • Economics

Houston • Calgary • Denver

1100 Louisiana, Suite 3800, Houston, TX 77002-5218
Phone: 713-651-9191 Fax: 713-651-0849

1200, 530 - 8th Ave. S.W., Calgary, Alberta T2P 3S8

Phone: 403-262-2799 Fax: 403-262-2790

621 17th St., Suite 1550, Denver, CO 80293
Phone: 303-623-9147 Fax: 303-623-4258

Web Site: www.ryderscott.com
E-Mail: info@ryderscott.com

Data & Consulting Services (DCS)

US unconventional gas reserves certification for

- Acquisition and divestiture
- Regulatory requirements
- Reserves-based financing
- Investment decisions

dscreserves@slb.com
www.slb.com/dscreserves

Schlumberger

06-0C-018

SCOTIA

The Scotia Group, Inc.
25+ Years of Service

Reservoir Engineering Reservoir Simulation
Strategic Studies Enhanced Recovery
Reserves Evaluations Geological Analysis
Geocell Models M&A Evaluations

Suite 1150, 4849 Greenville Avenue
Dallas, Texas 75206

Tel 214-987-1042 Fax 214-987-1047

E-mail dallas@scotia-group.com

Home Page: www.scotia-group.com

HOUSTON

Tel 281-448-6188 Fax 281-448-6189

E-mail houston@scotia-group.com

Subscribe to

SPE Drilling & Completion

Call +1.972.952.9393 or subscribe
online at www.SPE.org.

SI INTERNATIONAL

Innovative Solutions for Complex Reservoirs

- Integrated Reservoir Characterization
- Reservoir Simulation & Reserves Evaluation
- Thermal Recovery Studies
- Advanced Petrophysical Analysis
- 3D Seismic Interpretation
- Stratigraphy / Core Description

Denver
(303) 271-1478

Bakersfield
(661) 325-0038

kevin.beacom@si-intl.com alan.burzlaff@si-intl.com

www.SI-Intl.com

SiteLark

Services – Tools – Training

- Waterflood Evaluation
- Secondary and Tertiary Recovery
- Reservoir Simulation and Engineering
- Engineering Software Development

Contact: www.sitelark.com

14001 N. Dallas Pkwy

Suite 1200

Dallas, TX 75240

Telephone: 972-818-7450

E-mail: dbiswas@sitelark.com

Sproule

Worldwide Petroleum Consultants

Reserves and Resource Evaluation Specialists

Calgary, Alberta, Canada

(403) 294-5500

1-877-777-6135

Website: www.sproule.com

E-mail: info@sproule.com

STEPHENS ENGINEERING

Consulting Petroleum Engineers & Geologists

Waterflood—Evaluations

Field Supervision

Cost Estimates—Design—Installation

Reservoir Studies—Simulations

Lease Operations by Stephens & Johnson Operating Co.
P.O. Box 2249 (940) 723-2166
Wichita Falls, Texas 76307 Fax: (940) 723-8113

Changing Your Address?

Keep your *JPT* coming every month.
Please let us know your new address.
Call +1.800.456.6863 or +1.972.952.9393.
E-mail: service@spe.org

THE STRICKLAND GROUP

Voice 817-338-0800

www.tsg.net

Over 25 years experience offering
comprehensive reservoir engineering
consulting services to the oil and gas
industry and legal community worldwide

SURTEK

Chemical Flooding Technology

Design and Field Implementation
Evaluation – Simulation – Operations

EXPERIENCE:

232 man-years, 304 clients, 20 countries

SURTEK DESIGNED FIELD PROJECTS:

Alkaline-Surfactant-Polymer	14
Alkaline-Polymer	5
Surfactant-Polymer	28
Mobility Control Polymer	8

FUTURE FIELD PROJECTS:

Yours

1511 Washington Ave., Golden, CO 80401
(303)278-0877, fax (303)278-2245
www.surtek.com — email: surtek@surtek.com

W.D. Von Gonten & Co.

**Petroleum Engineering
Domestic and International**

808 Travis, Suite 812 Tel: (713) 224-6333
Houston, TX 77002 Fax: (713) 224-6330
email: bill@wdvgco.com

WELL COMPLETION TECHNOLOGY

William K. (Bill) Ott, P.E.

- Sand Control • Well Completion • Stimulation
- Formation Damage Control • Cementing
- Technical Schools • Equipment Trading • Consulting

7903 Alamar Drive Tel: 281-859-6464
Houston, TX 77095-2840 Fax: 281-855-3004
USA E-mail: info@wcthou.com

Changing Your Address?

Let SPE know. +1.972.952.9393

VENEZUELA

International Reservoir Technologies, Inc.

INTEGRATED RESERVOIR STUDIES

*Seismic Interpretation & Modeling
Stratigraphy & Petrophysics
Reservoir Simulation
Enhanced Oil Recovery Studies
Well Test Design & Analysis
Well Completion Optimization*

300 Union Blvd., Suite 400
Lakewood, CO 80228
PH: (303) 279-0877 Fax: (303) 279-0936

NETHERLAND, SEWELL & ASSOCIATES, INC.

Worldwide Petroleum Consultants
Engineering • Geology • Geophysics • Petrophysics

- Argentina
- Australia
- Bolivia
- Brazil
- Canada
- China
- Egypt
- Equatorial Guinea
- Indonesia
- Kazakhstan
- Mexico
- Norway
- Papua New Guinea
- Russia
- Trinidad
- United Kingdom
- United States
- Venezuela

Dallas: (214) 969-5401 • Houston: (713) 654-4950
e-mail: nsai@nsai-petro.com
www.netherlandsewell.com
Because there is a difference.

Subscribe to

SPE Production & Operations

Call +1.972.952.9393 or subscribe
online at www.SPE.org.

WEST AFRICA

Ryder Scott Company Petroleum Consultants

Est. 1937 • Worldwide Reserves Studies
Geoscience • Engineering • Economics
1100 Louisiana, Suite 3800, Houston, TX 77002-5218
Phone: 713-651-9191 Fax: 713-651-0849
Web Site: www.ryderscott.com
E-Mail: info@ryderscott.com

Sharpen your Competitive Edge with SPE's Distance Learning...

Save time and money online,
self-paced courses, accessible
worldwide.

For additional information about
courses, or to register, visit
www.SPE.org or call +1.972.952.9393.

Register now!

Society of Petroleum Engineers

Petroleum Professional Certification Program

The SPE certification program is designed to provide
E&P professionals an opportunity to

- Validate technical knowledge and skills
- Show a commitment to professionalism
- Obtain a recognized credential
- Achieve employer and peer recognition

Register now for upcoming review study courses and exams, and download
the exam study guide at www.spe.org/certification.

Become an SPE certified petroleum professional!

Future dates:

Review Study Course	Exam
22-24 January 2008 Millennium Hotel Abu Dhabi, UAE	May 2008 Abu Dhabi, UAE

