



AGENDA REPORT

Meeting Date: January 22, 2009
Item Number: F-12
To: Honorable Mayor & City Council
From: Ara Maloyan, Deputy City Engineer
Subject: APPROVAL OF AN AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS AND DONALD D. CLARKE, CONSULTING PETROLEUM GEOLOGIST, FOR OIL RELATED CONSULTANT SERVICES; AND

APPROVAL OF A PURCHASE ORDER IN THE AMOUNT OF \$ 35,000 FOR THESE SERVICES

Attachments: 1. Agreement
2. Summary of Experience and Credentials

RECOMMENDATION

Staff recommends that the City Council move to approve an agreement between the City of Beverly Hills and Donald Clarke, Consulting Petroleum Geologist, in the amount of \$35,000 for oil consultant services and issuance of a purchase order in the amount of \$ 35,000.

INTRODUCTION

On August 4, 1987, the City of Beverly Hills entered into an agreement with Jack C. West for oil consulting services. Mr. West served the City of Beverly Hills in the capacity of a Petroleum Geologist for 21 years, until he sadly passed away last year. Consequently, it is necessary to retain another consultant to perform these services.

DISCUSSION

The scope of work required to be performed by Mr. Clarke is itemized as follows.

1. Process applications received from oil well drilling permits to ensure that they are submitted in the form and content required by the City's Municipal Code Sections 10-5-303 and 10-5-306.
2. Upon request, where it appears pertinent to the City's interests, verify the truth and accuracy of information contained in applications submitted to the City for oil well drilling permits.

3. Review and evaluate applications for oil well drilling permits and for extensions of time for commencement permits of drilling operations, and recommend to the City whether the application should be granted. Particular attention is to be given to the proposed subsurface well corridor and to potential subsidence effects, if any.
4. Monitor oil production records and, upon request, verify their accuracy.
5. Monitor and verify proper royalty payments due to the City under terms of the Veneco Lease covering certain City-owned land.
6. Semi-annually review the periodic reports of the oil operators and other available data relating to subsidence and submit a report and recommendation to the City.
7. Perform such special services on assigned projects as may be requested by the City Manager, or a designated representative.

Staff evaluated the proposal received from Mr. Donald Clarke against the required scope of work and has determined after reviewing background, credentials, experience, and the familiarity of the consultant with the subsurface geology of the Beverly Hills area, that Mr. Donald Clarke is well qualified to perform the work required .

It is therefore recommended that the City enter into an agreement with Mr. Donald Clarke for consulting petroleum geologist services in the performance of the required scope of work for an hourly fee of \$125.00 and a mileage charge of \$0.55 per mile, with a not to exceed yearly fee of \$35,000. After the termination date, the agreement shall continue on a year to year basis, unless terminated by either party upon 30 days written notice.

FISCAL IMPACT

Funds for this project are provided as follows:

DEPT	FUND	ACCOUNT	FUNDING SOURCE	AMOUNT
35	01	73122	General Funds	\$ 35,000.00



Scott Miller
Finance Approval



David Gustavson
Approved By

AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS
AND DONALD D. CLARKE, CONSULTING PETROLEUM
GEOLOGIST, FOR OIL RELATED CONSULTANT SERVICES

NAME OF CONSULTANT: Donald D. Clarke

RESPONSIBLE PRINCIPAL
OF CONSULTANT: Donald D. Clarke

CONSULTANT'S ADDRESS: 5838 Graywood Avenue
Lakewood, California 90712

CITY'S ADDRESS: City of Beverly Hills
345 N. Foothill Road
Beverly Hills, CA 90210
Attention: Ara Maloyan, Deputy City
Engineer

COMMENCEMENT DATE: January 23, 2009

TERMINATION DATE: January 21, 2010 unless extended pursuant
to Section 2 of the Agreement

CONSIDERATION: Not to exceed \$35,000 per year,
based on the rates set forth in Exhibit B-1

AGREEMENT BETWEEN THE CITY OF BEVERLY HILLS
AND DONALD D. CLARKE, CONSULTING PETROLEUM
GEOLOGIST, FOR OIL RELATED CONSULTANT SERVICES

THIS AGREEMENT is made by and between the City of Beverly Hills (hereinafter called "CITY"), and Donald D. Clarke, (hereinafter called "CONSULTANT").

RECITALS

A. CITY desires to have certain services provided (the "services") as set forth in Exhibit A, attached hereto and incorporated herein.

B. CONSULTANT represents that it is qualified and able to perform the services.

NOW, THEREFORE, the parties agree as follows:

Section 1. CONSULTANT's Services. CONSULTANT shall perform the services described in Exhibit A in a manner satisfactory to CITY and consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions.

Section 2. Time of Performance. CONSULTANT shall perform the services on or by the Termination Date set forth above. After the Termination Date, the Agreement shall continue on a year-to-year basis unless terminated in writing by either party upon 30 days' written notice or in accordance with the termination provisions of Section 11.

Section 3. Compensation. CITY agrees to compensate CONSULTANT, and CONSULTANT agrees to accept in full satisfaction for the services required by this Agreement the Consideration set forth above and more particularly described in Exhibit B-1, attached hereto and incorporated herein. Said Consideration shall constitute reimbursement of CONSULTANT's fee for the services as well as the actual cost of any equipment, materials, and supplies necessary to provide the services (including all labor, materials, delivery, tax, assembly, and installation, as applicable). CITY shall pay CONSULTANT said Consideration in accordance with the schedule of payment set forth in Exhibit B-2, attached hereto and incorporated herein.

Section 4. Independent Contractor. CONSULTANT is and shall at all times remain, as to CITY, a wholly independent contractor. Neither CITY nor any of its agents shall have control over the conduct of CONSULTANT or any of CONSULTANT's employees, except as herein set forth. CONSULTANT shall not, at any time, or in any manner, represent that it or any of its agents or employees are in any manner agents or employees of CITY.

Section 5. Assignment. CONSULTANT shall not assign or attempt to assign any portion of this Agreement without the prior written approval of CITY.

Section 6. Responsible Principal(s)

(a) CONSULTANT's Responsible Principal set forth above shall be principally responsible for CONSULTANT's obligations under this Agreement and shall serve as principal liaison between CITY and CONSULTANT. Designation of another Responsible by CONSULTANT shall not be made without prior written consent of CITY.

(b) CITY's Responsible Principal shall be the City Manager or his designee set forth above who shall administer the terms of the Agreement on behalf of CITY.

Section 7. Personnel. CONSULTANT represents that it has, or shall secure at its own expense, all personnel required to perform CONSULTANT's services under this Agreement. All personnel engaged in the work shall be qualified to perform such services.

Section 8. Interests of CONSULTANT. CONSULTANT affirms that it presently has no interest and shall not have any interest, direct or indirect, which would conflict in any manner with the performance of the services contemplated by this Agreement. No person having any such interest shall be employed by or be associated with CONSULTANT.

Section 9. Affidavit. CONSULTANT represents that it is not required by law to maintain workers' compensation insurance coverage and shall sign an affidavit to this effect, attached hereto as Exhibit C.

Section 10. Indemnification. CONSULTANT agrees to indemnify, hold harmless and defend CITY, City Council and each member thereof, and every officer, employee and agent of CITY, from any claim, liability or financial loss (including, without limitation, attorneys fees and costs) arising from any intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of CONSULTANT or any person employed by CONSULTANT in the performance of this Agreement.

Section 11. Termination.

(a) CITY may cancel this Agreement at any time upon five (5) days written notice to CONSULTANT. CONSULTANT agrees to cease all work under this Agreement on or before the effective date of such notice.

(b) In the event of termination or cancellation of this Agreement by CITY, due to no fault or failure of performance by CONSULTANT, CONSULTANT shall be paid full compensation for all services performed by CONSULTANT, in an amount to be determined as follows: For work done in accordance with all of the terms and provisions of this Agreement, CONSULTANT shall be paid an amount equal to the amount of services performed prior to the effective date of termination or cancellation; provided, in no event shall the amount of money paid under the foregoing provisions of this paragraph exceed the amount which would be paid CONSULTANT for the full performance of the services required by this Agreement.

Section 12. CITY's Responsibility. CITY shall provide CONSULTANT with all pertinent data, documents, and other requested information as is available for the proper performance of CONSULTANT's services.

Section 13. Information and Documents. All data, information, documents and drawings prepared for CITY and required to be furnished to CITY in connection with this Agreement shall become the property of CITY, and CITY may use all or any portion of the work submitted by CONSULTANT and compensated by CITY pursuant to this Agreement as CITY deems appropriate.

Section 14. Changes in the Scope of Work. The CITY shall have the right to order, in writing, changes in the scope of work or the services to be performed. Any changes in the scope of work requested by CONSULTANT must be made in writing and approved by both parties.

Section 15. Notice. Any notice required to be given to CONSULTANT shall be deemed duly and properly given upon delivery, if sent to CONSULTANT postage prepaid to the CONSULTANT's address set forth above or personally delivered to CONSULTANT at such address or other address specified to CITY in writing by CONSULTANT.

Any notice required to be given to CITY shall be deemed duly and properly given upon delivery, if sent to CITY postage prepaid to CITY's address set forth above or personally delivered to CITY at such address or other address specified to CONSULTANT in writing by CITY.

Section 16. Attorney's Fees. In the event of litigation between the parties arising out of or connected with this Agreement, the prevailing party in such litigation shall be entitled to recover, in addition to any other amounts, reasonable attorney's fees and costs of such litigation.

Section 17. Entire Agreement. This Agreement represents the entire integrated agreement between CITY and CONSULTANT, and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by a written instrument signed by both CITY and CONSULTANT.

Section 18. Governing Law. The interpretation and implementation of this Agreement shall be governed by the domestic law of the State of California.

Section 19. Severability. Invalidation of any provision contained herein or the application thereof to any person or entity by judgment or court order shall in no way affect any of the other covenants, conditions, restrictions, or provisions hereof, or the application thereof to any other person or entity, and the same shall remain in full force and effect.

EXECUTED the ____ day of _____ 200__, at Beverly Hills, California.

CITY OF BEVERLY HILLS
A Municipal Corporation

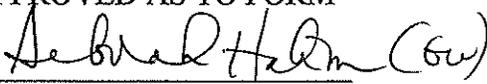
BARRY BRUCKER
Mayor of the City of Beverly Hills, California

ATTEST:

_____(SEAL)
BYRON POPE
City Clerk

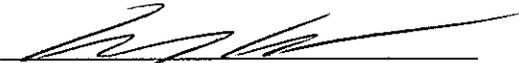
CONSULTANT:

DONALD D. CLARKE
Sole Proprietor

APPROVED AS TO FORM

LAURENCE S. WIENER
City Attorney

APPROVED AS TO CONTENT:

RODERICK J. WOOD
City Manager


DAVID D. GUSTAVSON
Director of Public Works & Transportation


KARL KIRKMAN
Risk Manager

EXHIBIT A
SCOPE OF SERVICES

CONSULTANT shall perform the following services:

1. Process applications for oil well drilling permits to insure that they are submitted in the form and with the content required by CITY's Municipal Code.
2. Upon request, where it appears pertinent to CITY's interests, verify the truth and accuracy of information contained in applications to CITY for oil well drilling permits.
3. Review and evaluate applications for oil well drilling permits and for extensions of time for commencement of drilling operations, and recommend to CITY whether the application should be granted. Particular attention is to be given to the proposed subsurface well corridor and to potential subsidence effects.
4. Monitor oil production records and, upon request, verify their accuracy.
5. Monitor and verify proper royalty payments due to CITY under terms of the Veneco Lease covering certain CITY-owned land
6. Semi-annual review of the periodic reports of the oil operators and other available data relating to subsidence and submit a report and recommendations to CITY.
7. Perform such special services on assigned projects as may be requested by City Manager or a designated representative.

EXHIBIT B-1

SCHEDULE OF RATES

CITY shall pay CONSULTANT for the satisfactory performance of the services set forth in Exhibit A of this Agreement at the rate of One Hundred Twenty Five Dollars (\$125.00) per hour, up to an amount not to exceed Thirty-Five Thousand Dollars (\$35,000.00) annually, including reimbursement for directly associated expenses including, but not limited to: telephone, mileage (at the current Internal Revenue Service optional standard mileage rate), photostat, duplication maps, drafting, and, with prior written approval, extraordinary stenographic services, if required.

EXHIBIT B-2

Schedule of Payment

CONSULTANT shall submit an itemized statement to CITY for its services performed in the prior month, which shall include documentation setting forth in detail a description of the hours of service and the services rendered. CITY shall pay CONSULTANT the amount of such billing within thirty (30) days of receipt of same.



EXHIBIT C
Department of Public Works & Transportation
WORKERS' COMPENSATION STATEMENT

Fiscal Year 2008-2009
July 1, 2008 to June 30, 2009

(For Contractor not Subject to California Worker's Compensation Laws)

I, Don Clarke, certify that in the performance of my agreement with the City of Beverly Hills, shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California.

I agree that should I become subject to the Worker's Compensation Laws of California during the term of the agreement, I will notify the City of Beverly Hills and I will comply with those laws immediately.

VENDOR USE ONLY:

Donald D. Clarke
(NAME AS IT APPEARS ON CONTRACT)

VENDOR NUMBER

(SIGNATORY'S PRINTED NAME)

567-212-9934
(TELEPHONE NUMBER)

[Handwritten Signature]
(SIGNATURE)

January 9, 2009
(DATE SIGNED)

REVIEWED/APPROVED BY:

Risk Management Division

Date Signed

**RESUME OF
DONALD DEAN CLARKE**

5838 Graywood Ave.
Lakewood, CA 90712-1128
Home; (562) 867-7888: work;(562) 212-9934

POSITION: **Consultant**, Clients include: Tidelands Oil Production Company, Vintage Petroleum, Signal Hill Petroleum and Terralog. Property evaluations, well correlations and map making

Geology Instructor, University of Southern California, Viterbi School of Engineering. Teach graduate class in Petroleum geology.

**BUSINESS
EXPERIENCE:**

Thirty-four years experience in petroleum geology and reservoir engineering. Work includes structure, fault surface, and isochore map construction; electric log analysis, oil/water contact determination, geophysical interpretation, in-zone well placement, wildcat exploration, reservoir characterization, sand volume determination (net pay), reservoir modeling, ground elevation stability and modeling, and geological field mapping. High technology computer techniques have been developed and used. Most of this work involved working with and coordinating teams of professionals.

EDUCATION: B.S. Geology, 1972, California State University Northridge
33 units graduate work in geology in the Joint Masters Consortium, CSUN, CSULA, and CSULB.

**WORK
EXPERIENCE:**

CITY OF LONG BEACH - Department of Oil Properties, Long Beach, California

1981-2004

Division Engineer: Lead a professional geological staff and direct the activities of sub-professional assistants. Co-chair the Geologic Team through which the activities of nine geologists are directed for the Long Beach Unit. Served as a member of the Voidage Task Force in an effort to successfully balance injection and production. Served as the lead and coordinator and co-author for the DOE cost share proposals. Against great odds we won two of the three proposals that were submitted. This brought ten million dollars into the unit! Currently serve on the technical steering committees for the DOE sponsored

projects. Served as a member of the Logging Cost Reduction Task Force. Primary responsibilities include the monitoring of and control of oil field induced subsidence. Activities include conducting semi-annual elevation surveys and producing reports on the surveys, coordinating with the field contractors the necessary actions to reduce or eliminate negative ground movement.

Work closely with the reservoir section and the field contractors to provide geological support to the reservoir engineers. This work includes map making (structure, fault surface, isochore, net-pay) log correlation and analysis and reservoir characterization.

Geological work is provided for the Wilmington Oil Field, the Long Beach Oil Field, Recreation Park Oil Field, City-Wasem Lease, the Seal Beach Oil Field and the Airport Oil Field. I serve as the Cities representative to the Petroleum Technology Transfer Council an organization that is federally and state funded with the purpose of encouraging oil development in California.

Non-petroleum work includes geohazards, fault hazards and seismicity in Long Beach. Within the City of Long Beach, I work closely with the Planning and Building Department, the City Engineers, the harbor Department, the Redevelopment Agency, the City Council and the Health Department.

Senior Geologist: Lead a professional staff of two geologists and directed the activities of the Geological and Geological Data Subcommittees of the Equity Committee of the Long Beach Unit. Directed geological activities of geologists from State Lands Commission, THUMS, and occasionally ARCO. As Chair of the Long Beach Unit Computer Mapping Committee, I oversaw computer mapping in the Unit. Instrumental in the selection and implementation of computer hardware and software purchased by the Long Beach Unit. Performed difficult geologic work that includes subsurface geological studies designed to determine the structural and stratigraphic relationships and reservoir rock properties so that field development can be optimized and Unit participation can be determined. Primary petroleum work assignments include Long Beach Unit, Non-LBU Wilmington Oil Field, Long Beach Oil Field, Recreation Park Oil Field, City-Wasem Field, and the Airport Oil Field. Primary non-petroleum work assignments include fault hazards in Long Beach, Light Rail project, subsidence abatement and public relations.

1990-2004

Geology Instructor, Compton Community College. Teach freshman and sophomore geoscience classes.

Attachment #2

1974-1981

STATE LANDS COMMISSION, Long Beach, California

Senior Geologist: Made subsurface geological studies and prepared geological reports on the Long Beach Unit. Represented the State Lands Commission at Unit management, engineering and geologic meetings. Provided the reservoir staff and management with geological assistance on difficult technical problems. Planned, organized and directed the work of sub-professional assistants engaged in the work of data preparation and drafting. Served as a member of the Long Beach Unit Geology and Sand Volume Subcommittees.

Associate Mineral Resources Engineer: Independently performed difficult engineering and geologic work. Made subsurface geological studies designed to determine conformance with oil operation requirements. Made oil field operations inspections. Prepared and reviewed reports on the possible productivity of State owned lands. Performed engineering calculations including the computation of changes in the State's participation in oil field Unit operations. Prepared and interpreted geologic and engineering reports, maps, property descriptions and statistical data relating to oil operations. Planned, organized and directed the work of sub-professional assistants engaged in the work of data preparation. Furnished assistance on difficult technical problems. Responsible for the development of highly specialized information relating to the production of oil. Represented the State Lands Commission at Unit management, engineering and geologic meetings. Prepared geologic and engineering articles for publication concerning subjects related to oil. Acting section head for geology, Served as a member of the Long Beach Unit Geology and Sand Volume Subcommittee.

Energy and Mineral Resources Engineer, Range B: Performed intermediate engineering and geologic work of average difficulty on a semi-independent basis. Interpreted and constructed geological and engineering maps and graphic statistical data. Assisted reservoir engineers and senior geologists calculate oil and gas reserves and perform the engineering analyses necessary to make proposals to drill new wells. Reviewed environmental impact statements. Prepared geologic and engineering reports, maps, cross-sections, graphs and other data relating to oil. Prepared subsidence maps, cross-sections, and graphs.

Energy and Mineral Resources Engineer, Range A: Assisted engineers of higher level by performing less responsible

engineering work. Prepared reports on lands under applicable for offshore oil extraction leases, and determination of oil reserves. Collected statistical data and prepared maps, graphs, and reports.

CAREER

ACHIEVEMENTS: California Registered Geologist #3583
Developed computer mapping procedures for LBU Equity determination
Chairman, LBU Equity Geologic Subcommittee
Chairman, LBU Equity Geologic Data Subcommittee
Chairman, LBU Equity Sand Volume Subcommittee
Chairman, LBU Computer Committee
Co-chairman, LBU Geologic Committee
Chairman, AAPG House of Delegates
Member AAPG Advisory Council
President, Pacific Section AAPG
General Chairman, 1993 Pacific Section AAPG Annual Meeting in Long Beach.
Co-Chairman, 1998 Cordilleran Section of the Geologic Society of America annual meeting in Long Beach.
Co-Chairman of the joint annual meeting of the Western Region of the Society of Petroleum Engineers and the Pacific Section of the American Association of Petroleum Geologists in Long Beach in the year 2000.
President, Los Angeles Basin Geologic Society, 1997-
PTTC Steering Committee
DOE Class projects Steering Committees (both near-term and mid-term)

COMMUNITY SERVICES:

Curriculum Review Board for the Earth Science Department at CSU Northridge.
Science Advisory Board at Milliken High School in Long Beach.
Youth Motivation Task Force; Give motivational talks to middle school and high school students.
Lectures; give talks on geology to local community organizations, e.g. Long Beach Women's Club, Realators associations, Desk and Derrick Club, scouting groups, elementary schools, senior groups, docent groups and rock clubs.
Community outreach; Through the COMET program teach high school teachers and students about petroleum geology.
Facility tours; Conduct oil island and facility tours for visiting international dignitaries and scientists, universities, civic groups, and professional associations

PROFESSIONAL AFFILIATIONS:

American Association of Petroleum Geologists, delegate, and HOD Constitution Committee

Geological Society of America
Society of Petroleum Engineers
American Geophysical Union
American Association for the Advancement of Science
Pacific Section SEPM
Los Angeles Basin Geologic Society, past-president

- PUBLICATIONS:** Clarke, D. D., 1992, The Gridded Fault Surface, in Computer Modeling of Geologic Surfaces and Volumes, David Hamilton and Thomas Jones editors: Tulsa, AAPG, p141-160
- Clarke, D.D., and C. P. Henderson ed., 1987, Computer Mapping for Petroleum Geologists, Pacific Sec. AAPG, 201p.
- Clarke, D. D., and C. P. Henderson, 1987, Notes on Gridding, in Computer Mapping for Petroleum Geologists, Pac. Sec. AAPG, p. 46-53
- Clarke, D. D., C. P. Henderson, 1987, Specialized Applications For Advanced Software Mapping Packages, in Computer Mapping for Petroleum Geologists, Pac. Sec. AAPG, p. 125-171
- Clarke, D. D., C. P. Henderson eds., 1987, Geologic Field Guide to the Long Beach Area, Pac. Sec. AAPG, 159p.
- Clarke, D. D., 1987, The Structure of the Wilmington Oil Field, in Geologic Field Guide to the Long Beach Area, Pac. Sec. AAPG, p.43-56
- Clarke, D. D., 1987, Geologic Hazards in the Long Beach Area, in Geologic Field guide to the Long Beach Area, Pac. Sec. AAPG, p. 81-98
- Berman, B., D. D. Clarke, 1987, THUMS Oil Operations, in Geologic Field Guide to the Long Beach Area, Pac. Sec. AAPG, p. 99-128
- Clarke, D. D., C. P. Henderson, and R. Strehle, 1987 Road Log to the Long Beach Area, in Geologic Field Guide to the Long Beach Area, Pac, AAPG, p, 135-159
- Clarke, D. D., 1993, Timing and Movement on Growth Faults in the Wilmington Oil Field - A Computer Aided Mapping Study, Pac. Sec. AAPG
- Colazas, X. C., R. Strehle, D. D. Clarke, 1993, History of Development of the Wilmington Oil Field, Pac. Sec. AAPG

Otott, George Jr., B. Runge, D. D. Clarke, G. Woodling, 1993, Reservoir Description Needs for Layered Waterflood Surveillance, Long Beach Unit, Wilmington Field, 1993, Pac. Sec. AAPG

Clarke, D. D., 1991, Detailed Layer Studies in the East Wilmington Oil Field, Pac. Sec. AAPG

Clarke, D. D., 1989, A Difficult Equity Net Pay Determination by Computer, Pac. Sec. AAPG

Colazas, X. C., D. D. Clarke, J. H. Robinson, D. D. Moreno, 1980, Computer Sand Volume Determinations in the Long Beach Unit of the Wilmington Oil Field, Pac. Sec. AAPG, 25p.

Clarke, D. D., and C. P. Henderson, 1986, Creative Use of Computer Software Greatly Improves Geological Results, Pac. Sec. AAPG

Clarke, D. D., and C. P. Henderson, 1984, The Structural Evolution of the Wilmington Oil Field, Pac. Sec. AAPG

Henderson, C. P., D. D. Clarke, L. C. Ames, 1984, The Stratigraphy of the Wilmington Oil Field, Pac. Sec. AAPG

Search Results for Professional Geologists and Geophysicists

This information is updated Monday through Friday - Last updated: Dec-29-2008

To see all the information for a licensee, click on the highlighted name. This will also include disciplinary actions if any are present.

Name	Type	Number	Status	Address	City	Zip	County
<u>CLARKE DONALD DEAN</u>	GEO	3583	CLEAR	5838 GRAYWOOD AVENUE	LAKEWOOD	90712	LOS ANGELES

Record 1

[First](#) [Previous](#)

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Mr. Donald D. Clarke

Present Title, Birth Year

Consulting Geologist

Born 1949 in Los Angeles, California

Academic Degrees

1972

B.S., Geology, California State University, Northridge

1972-1974

Graduate work at CSUN, CSU Long Beach and CSU Los Angeles

Experience

2005-present

Consulting Geologist, clients include Tidelands Oil Production Company, Signal Hill Petroleum, Vintage, Terralog...

2004-present

Petroleum Geology Instructor at the University of Southern California

1990-2004

Geology Instructor at Compton Community College

1981-2004

Department of Oil Properties, City of Long Beach, Senior Geologist to Division Engineer

1974-1981

California State Lands Commission, Energy and Minerals Resources Engineer to Senior Geologist

AAPG Activities

AAPG Membership Recruitment Committee 07/01/08 -

AAPG Past Officer 07/01/2006 06/30/2009

HoD At Large Member 07/01/2006 06/30/2009

DEG Charter Member 07/01/1993 06/30/2009

Preservation of Geoscience Data 07/01/2007 06/30/2010 Committee Manager

Public Outreach 07/01/2007 06/30/2010 Committee Manager

Youth Educational Activities 07/01/2007 06/30/2010 Committee Manager

100 Anniversary 07/01/2006 06/30/2009 Committee Manager

Astrogeology 07/01/2006 06/30/2009 Committee Manager

History of Petroleum Geology 07/01/2006 06/30/2009 Committee Manager

HoD Delegate 07/01/1997 06/30/2009 L A Basin

Section Officer - Pacific 07/01/2007 06/30/2008 President Elect

Committee Chairman 07/01/2006 06/30/2008 Outreach & Sections Comm Coord 06-07,
Outreach Comm Mgr

07-08

Membership Recruitment 07/01/2005 06/30/2008

Geo Tours Ad Hoc 07/01/2006 06/30/2007 Committee Coordinator

Sections 07/01/2006 06/30/2007 Committee Coordinator - Outreach & Sections

Resource Evaluation 07/01/2006 06/30/2007 Committee Coordinator (Outreach &
Sections)

Advisory Council, AAPG 07/01/2006 06/30/2007 HoD Past Chair

DEG Committee Chairman 07/01/2005 06/30/2007 Annual Meeting 2007

Graduated Dues Ad Hoc 07/01/2005 10/15/2006 Vice Chair 05-06

Committee Vice Chairman 07/01/2005 06/30/2006 Graduated Dues Ad Hoc

Sections 07/01/2005 06/30/2006 Ex Comm Liaison

HoD Committee 07/01/2005 06/30/2006 Newsletter

Professional Women in Earth Sciences Ad Hoc 07/01/2005 06/30/2006 Ex Comm
Liaison 05-06

HoD Chairman 07/01/2005 06/30/2006 Chairman of the House

Astrogeology 07/01/2005 06/30/2006 Ex Comm Liaison

Ballot 07/01/2005 06/30/2006 Ex Comm Liaison

Annual Conference and Exhibits (ACE) 07/01/2005 06/30/2006 Ex Comm Liaison

Reservoir Development 07/01/2005 06/30/2006 Ex Comm Liaison

Student Chapters 07/01/2005 06/30/2006 Ex Comm Liaison

Student Expo 07/01/2005 06/30/2006 Ex Comm Liaison

Visiting Geoscientist Program 07/01/2005 06/30/2006 Ex Comm Liaison

AAPG Chairman House of Delegates 07/01/2005 06/30/2006

Public Outreach 07/01/2001 06/30/2006

HoD Chairman-Elect 07/01/2004 06/30/2005

HoD Committee 07/01/2004 06/30/2005 Newsletter ex-officio

Domestic Sections Ad Hoc 07/01/2004 06/30/2005 Chair 04-05

Membership Enhancement & Dev Ad Hoc 07/01/2003 06/30/2005 Pacific -

Committee Chairman 07/01/2002 06/30/2005 GeoTours Ad Hoc 02-04, Domestic Sections Ad Hoc 04-05

HoD Committee Chairman 07/01/2002 06/30/2004 Resolutions -

Geo Tours Ad Hoc 07/01/2002 06/30/2004 Chair 02-04 -

DEG Advisory Board 07/01/2001 06/30/2004 Pacific Section -

Reservoir Development 07/01/1998 06/30/2004 Vice Chair 99-02 -

Advisory Council, AAPG 07/01/2001 06/30/2003 Pacific Section -

AAPG President's Summit on Energy, Washington DC, 2002

Committee Vice Chairman 07/01/1999 06/30/2002 Reservoir Development -

Society President 07/01/1999 06/30/2002 Los Angeles Basin Geol. Soc. -

HoD Committee 07/01/1999 06/30/2001 Honors & Awards 99-00 - Credential 0

AAPG Officer Candidate 07/01/1999 06/30/2001 Treas 99-00/HOD Chair 00-01 -

Budget Review-merge w/Finance 2000 07/01/1999 06/30/2000 -

Society President 07/01/1996 06/30/1998 Los Angeles Basin Geol. Soc. -

HoD Delegate 07/01/1992 06/30/1995 Const & Bylws Com 94-95 -

HoD Delegate 07/01/1988 06/30/1991 -

Affiliated and Associated Societies and Sections and major offices held

President, Pacific Section AAPG 07/01/2008 - 06/30/2009

President-Elect, Pacific Section AAPG 07/01/2007 - 06/30/2008

President, Los Angeles Basin Geological Society 07/01/1999 - 06/30/2002

AAPG Honors and Awards

2008

AAPG Certificate of Merit for DEG work

2007

Elected to the Russian Academy of Natural Sciences, US Section

2006

HoD House Recognition of Service Award

2005

AAPG Certificate of Merit for work on the Domestic Sections Ad Hoc Committee

2004

AAPG Certificate of Merit for work on the Geo Tours Ad Hoc Committee

DEG Public Outreach Award

2003

PSAAPG Honorary Life Membership Award (highest PSAAPG award)

2002

AAPG Distinguished Service Award

2000

Los Angeles Basin SPE Section Service Award for the first joint PSAAPG/WRSPE meeting

Publications

Over 100 public lectures

Over 60 published papers and abstracts

3 published Geological guidebooks and several informal guidebooks

National Research Council Committee on the Preservation of Geoscience Data and Collections. The findings were published in October 2002 as "Geoscience Data and Collections, Natural Resources in Peril."

One brief screen credited appearance in the Swiss movie "A Crude Awakening", 2007

- D. D. and others, eds., Old Oil Fields and New Life: A Visit to the Giants of the Los Angeles Basin, Guidebook 74, Division of Environmental Geosciences, American Association of Petroleum Geologists, Pacific Section, American Association of Petroleum Geologists, Western Region, Society of Petroleum Engineers, p. 17-22.
- Otott, G. E., Clarke, D. D., and Buikema, T. A., 1996, The Long Beach Unit 3-D Survey, *in* Clarke, D. D. and others, eds., Old Oil Fields and New Life: A Visit to the Giants of the Los Angeles Basin, Guidebook 74, Division of Environmental Geosciences, American Association of Petroleum Geologists, Pacific Section, American Association of Petroleum Geologists, Western Region, Society of Petroleum Engineers, p. 51-56.
- Phillips, C. C., Clarke, D. D. and An, L. Y., 1996, Give New Life To Aging Fields, *in* The American Oil and Gas Reporter, September, 1996, National Publishers Group Inc., Wichita, KS, p. 107-115.

1995

- Moos, D., Phillips, C. C., Hooks, A., Tagbor, K., and Clarke, D. D., 1995, Direct Detection of Hydrocarbons by Acoustic Logging in the Wilmington Field, CA, Abs. Pacific Section, American Association of Petroleum Geologists, San Francisco, CA.
- Phillips, C. C., Henry, M. J., Clarke, D. D., Strehle, R. W. and Lee, C., 1995, Application of Advanced Reservoir Characterization to Increase the Efficiency of a Thermal Steam Drive in the Wilmington Oil Field, California, Abs. Pacific Section, American Association of Petroleum Geologists, San Francisco, CA.
- Ward, M. D., Clarke, D. D., and Adams, H. G., 1995, A Finite Element Method To Restore a Folded and Faulted Gridded Surface, Abs. Pacific Section, American Association of Petroleum Geologists, San Francisco, CA.

1994

None. Work was done on three Department of Energy cost share proposals.

1993

- Clarke, D. D., 1993, Timing and Movement on Growth Faults in the Wilmington Oil Field - A Computer-Aided Mapping Study, Abs., Pacific Section, American Association of Petroleum Geologists.
- Colazas, X. C., Strehle, R. W., and Clarke, D. D., 1993, History of Development of the Wilmington Oil Field, Abs., Pacific Section, American Association of Petroleum Geologists.
- Otott, G. E., Runge, R., Clarke, D. D., and Woodling, G., 1993, Reservoir Description Needs for Layered Waterflood Surveillance, Long Beach Unit, Wilmington Field, Abs., Pacific Section, American Association of Petroleum Geologists.

1993-1997 Publications

1997

- Clarke, D. D., and Phillips, C. C., 1997, Horizontal Drilling for Thermal Recovery in the Wilmington Field, California, *in* The Class Act, United States Department of Energy, National Petroleum Technology Office, v.3/2, p. 1-3.
- Clarke, D. D., Phillips, C. C., and An, L. Y., 1997, Horizontal Wells in a Clastic Oil Field with Intraformational Compaction, Abs., American Association of Petroleum Geologists, Dallas, TX.
- Clarke, D. D., and Phillips, C. C., 1997, Tertiary Development of Heavy Oil Sands Through Thermal Recovery in the Wilmington Oil Field, California: An Update and Some New Challenges, Pacific Section, American Association of Petroleum Geologists, Bakersfield, CA.
- An, L. Y., Ershaghi, I., Phillips, C. C., and Clarke, D. D., 1997, The Sealing Properties of Boundary Faults in Fault Block II, Wilmington Oil Field, California, Abs., American Association of Petroleum Geologists, Dallas, TX.
- Pacht, J. A., Otott, G. E., Roth, S., Clarke, D. D., and Pickard, J., 1997, New Oil from an Oil Field? – Preliminary Results from Re-interpretation of the Long Beach Unit of the Wilmington Oilfield Using Recently Acquired 3D Seismic Data, Abs., American Association of Petroleum Geologists, Dallas, TX.
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1996

- Clarke, D. D., 1996, Old Oil Fields and New Life: A Visit to the Giants of the Los Angeles Basin: Road Log, *in* Abbott, P. L. and Cooper, J. D., 1996, Field Conference Guidebook and volume 1996, Guidebook 73, Pacific Section, American Association of Petroleum Geologists, San Diego, CA, p.409-430.
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- Clarke, D. D., Phillips, C. C., Henry, M. J., Strehle, R. W., An, L. Y., 1996, Tertiary Development of Heavy Oil Sands Through Thermal Stimulation in the Wilmington Oil Field, California: A Geological Perspective, Abs., American Association of Petroleum Geologists, San Diego, CA.
- Moos, D., Walker, F. S., and Clarke, D. D., 1996, Sonic Logging to Detect Bypassed Hydrocarbons in the Wilmington Oil Field, CA, *in* Clarke, D. D. and others, eds., Old Oil Fields and New Life: A Visit to the Giants of the Los Angeles Basin, Guidebook 74, Division of Environmental Geosciences, American Association of Petroleum Geologists, Pacific Section, American Association of Petroleum Geologists, Western Region, Society of Petroleum Engineers, p. 57-64.
- Otott, G. E. and Clarke, D. D., 1996, History of the Wilmington Oil Field - 1986-1996, *in* Clarke,