

**COMMITTEE ON NATURAL RESOURCES**  
**114<sup>th</sup> Congress Disclosure Form**  
**As required by and provided for in House Rule XI, clause 2(g)(5)**

*“Examining the Future Impacts of President Obama’s Offshore Energy Plan”*

April 15, 2015

**For Individuals:**

Name:  
Address:  
Email Address:  
Phone Number:

\* \* \* \* \*

**For Witnesses Representing Organizations:**

Name: Robert Hobbs  
Name of Organization(s) You are Representing at the Hearing:  
TGS-NOPEC Geophysical Company  
Intl. Assoc. of Geophysical Contractors (IAGC)  
National Ocean Industries Association (NOIA)

Business Address:  
TGS  
10451 Clay Road  
Houston, TX 77041

Business Email Address: [REDACTED]  
Business Phone Number: [REDACTED]

\* \* \* \* \*

**For Nongovernment Witnesses ONLY:**

1. Please attach/include current curriculum vitae or resume.  
Attached

2. Please list any federal grants or contracts (including subgrants or subcontracts) related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the source and amount of each grant or contract.

None

3. Please list any contracts or payments originating with a foreign government related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the amount and country of origin of each contract or payment.

None

## ROBERT SCOTT HOBBS



### Employment Summary

- TGS-NOPEC** – Chief Executive Officer (2008 to Present)
- Marathon Oil Company** – Manager, Worldwide Geoscience (2007 to 2008)
- Veritas DGC, Limited** – President/Managing Director (1998 to 2007)
- VICO Indonesia (Union Texas Secondee)** – Geophysical Specialist (1998)
- Union Texas Petroleum** – Senior Geophysicist (1995 to 1998)
- Exxon Exploration Co.**, Technology Department – Senior Geophysicist (1993 to 1995)
- Exxon Co. U.S.A.**, Exploration Dept., Offshore/Alaska Division – Senior Geophysicist (1989 to 1993)
- ARCO Oil and Gas Co.**, Western District – Geologist (1988)

### Education

University of Southern California, Los Angeles, California  
Master of Science degree in Geology, 1989

Baylor University, Waco, Texas  
Bachelor of Science degree in Geology, 1987  
Robert T. Hill Award for Geologic Academic Excellence, 1987

### Trade Associations

- International Association of Geophysical Contractors (IAGC)
  - Past Chairman (2015 to Present)
  - Chairman (2013 to 2015)
- National Oceans Industry Association
  - G&G Committee Chair (2015 to Present)
  - Board of Directors (2012 to Present)

### Major Positions

*COO*  
*TGS-Nopec*

Full responsibility for global operations. Company is one of the largest geophysical companies and a leading multi-client geoscience data provider in the industry. Role involves leading project development,

multi-client sales, contract sales, and operations for a company with annual sales in excess of \$500 Million USD.

***Manager, Worldwide Geoscience, Technology Services  
Marathon Oil, Houston, Texas***

Responsibility for global geoscience technology support within Marathon. This involves leadership of a team of 46 technical professionals that provides global technology support for the exploration and production departments. Services provided include seismic data processing and acquisition planning, interpretation application and database support, and reservoir characterization.

***President and Managing Director  
Veritas DGC Limited, United Kingdom***

Responsibility for the entire business of a wholly-owned subsidiary of Veritas. This \$140 Million business was responsible for all of Veritas' product lines in the Europe, Africa, Middle East, and Former Soviet Union. Approximately 620 employees are in this division. This division was active in acquiring, processing, and interpreting marine and land seismic data in addition to developing and marketing and extensive data library. This position reported to the President and COO of Veritas Geophysical Corporation, Headquartered in Houston, Texas.

***President  
Veritas Exploration Services***

Responsibility for managing and leading a worldwide division of 98 employees successful at providing industry-leading reservoir characterization and subsurface interpretation services and software. Responsible for annual revenue of \$17 Million. Built a profitable business from a money losing organization (\$4.6 million annual loss) within a nine-month period. Involved leadership of both a geophysical software business (Hampson-Russell) and subsurface consulting businesses (VES and HOT Engineering).

***Vice President, Exploration Products  
Veritas Marine Surveys***

Responsibility for project development and sales for non-exclusive interpretation and derivative products. Product responsibility included deepwater Gulf of Mexico multi-client pre-stack depth migration projects (\$56 Million in sales as of YE2002), non-exclusive reservoir characterization, and AVO products for North and South America. Primary responsibility for assessing exploration and commercial risk for data library products throughout North and South America.

***Vice President, Exploration Ventures  
Veritas Exploration Services***

Managed a team of nine geophysical and geological interpreters and data administrators. Developed and completed projects ranging from non-exclusive PSDM interpretation products, data library project development, and prospect analysis for non-exclusive project risk assessment.

***Geophysical Specialist  
Vico Indonesia (Union Texas Secondee); 1998, Jakarta Indonesia***

3D Seismic interpretation and prospecting in the Kutai Basin, Onshore Kalimantan, Indonesia (1998-present). Responsible for the generation of exploration prospects and field offset well locations on the east flank of the Sanga-Sanga Anticline.

***Senior Geophysicist***

***Union Texas Petroleum, Exploration Department; 1995 – 1998, Houston***

2D Seismic interpretation and prospecting in the Pri-Caspian Basin, Onshore Kazakhstan (1996-present): Assisted in the evaluation and farm-in to a 16,600 sq. km. exploration permit. Designed, tendered, and permitted a 1360 km 2D seismic survey to image traps under and against highly deformed salt bodies after acreage acquisition.

2D Seismic interpretation, play and prospect mapping, Pelagian Basin, Offshore Tunisia (1995-1996): Mapped and built a seriatim of prospects in a 4700 sq. km. exploration permit in the Pelagian Basin. Work included carbonate reservoir prediction utilizing post-stack and pre-stack seismic inversion techniques. This project resulted in a late 1997 – early 1998 UTP exploration well.

***Senior Geophysicist***

***Exxon Exploration Company, Technology Department - Complex Imaging and Interpretation Group; 1993-1995, Houston***

3D Structural Interpretation of subsalt opportunities, Gulf of Mexico, USA (1993-1995): Structural interpretation of 3D seismic surveys over 10 opportunities on the Louisiana shelf and slope. Mentored business unit seismic interpreters in the areas of velocity model building and 3D post-stack and 3D pre-stack depth migration over these opportunities.

2D Seismic interpretation, play and prospect mapping, Pri-Caspian Basin, Kazakhstan (1993-1994): Involved identifying and assessing in excess of 40 exploration and production opportunities in the clastic post-salt and carbonate subsalt plays of the Pri-Caspian Basin from a 2D seismic database of 12000 Km. This assessment required extensive work onsite with Kazakh National oil companies in Uralsk and Aktubinsk Kazakhstan. During final phases of the project, served as team leader of an integrated team that assessed subsalt opportunities on the eastern margin of the basin. Supervised 2D pre-stack depth migration over subsalt opportunities.

2D Seismic interpretation and play mapping, Carpathian Fold-Thrust Belt, Ukraine (1994): Interpreted 900 Km of 2D seismic and developed a regional structural framework for the Carpathian belt near the Lopushna and Borislav oil fields.

2D Seismic interpretation and prospect mapping, Offshore Nigeria (1992): Stratigraphic/Structural interpretation of 4000 Km of 2D seismic and development of amplitude anomaly opportunities in the deepwater play, Offshore Nigeria. Contributed to the acquisition of a significant interest in several concessions.

***Senior Geophysicist***

***Exxon Co., USA - Offshore/Alaska Division - Subsalt Team; 1991-1993, Houston***

2D and 3D seismic interpretation, play and prospect mapping, Gulf of Mexico Subsalt Play (1992-1993): Built the regional stratigraphic and structural framework for the subsalt play on the Louisiana shelf through the integration of log, paleo, 2D and 3D seismic data. This project established the foundation for Exxon's future efforts in subsalt opportunity acquisition.

***Geophysicist***

***Exxon Co., USA - Offshore/Alaska Division - Technology Applications Group; 1989-1992, Houston***

Gulf of Mexico Amplitude Anomaly Assessment (1990): Coordinated and conducted a project to identify, catalog and assess amplitude anomalies on the entire Gulf of Mexico slope from the company's 2D and 3D seismic database. The assessment resulted in the identification of 12 opportunities, 2 of which were ultimately acquired by the company.

Gulf of Mexico Hydrocarbon Assessment (1989-1990): Performed a basin-wide, play-based hydrocarbon assessment of the Gulf of Mexico.

***Arco Oil and Gas, Western District; 1988, Bakersfield, CA***

Summer Professional Geologist: Completed a study of the petroleum geology of a Monterey Formation field, Santa Barbara Channel, offshore California.

## **Industry Training**

Applied Seismic Interpretation (Exxon)  
Basic Well Logging (Exxon)  
Basic Clastic Facies (Exxon)  
Fundamentals of Structural Analysis (Exxon)  
Applied Subsurface Mapping  
Quantitative Structural Analysis Techniques for the Balancing and Restoration of Compressional Structures (Exxon)  
Quantitative Structural Analysis Techniques for the Balancing and Restoration of Extensional Structures (Exxon)  
Seismic Modeling for Structural Interpreters  
Structural Analysis: Compressional Tectonics (Advanced) (Exxon)  
Leadership I (Exxon)  
Carbonate Sequence Stratigraphy (AAPG)  
Deepwater Sedimentology (Exxon)  
Negotiation Skills (Veritas)  
Advanced Marketing (Veritas)  
Leadership Skills (Veritas)  
Pricing Strategies (Kellogg School of Business)  
Leadership at the Peak (Center of Creative Leadership)  
Veritas Global Leadership Program (Rice University)  
Marathon Visionary Leadership Program

## **Publications**

Hobbs, R. S., (2001) Depth Imaging in Collaborative Visualization Environments: *Sea Technology*, December 2001, *IN PRINT*

VerWest, B., Liang, J.D., Hobbs, R.S., Young, J. (2001) Multi-Directional 3D Acquisition and Processing for Subsalt Imaging: Society of Exploration Geophysicists Annual Convention, San Antonio, Texas.

Hobbs, R. S., Young, J., Ver West, B., (2001) Multi-Directional 3D Acquisition and Processing; Salt Imaging, Deepwater Gulf of Mexico: American Association of Petroleum Geologists Convention, Denver Colorado.

Hobbs, R.S. (2001) The Use of Collaborative Visualization Environments for Complex Depth Imaging: 2001 Offshore Technology Conference, Houston, Texas; OTC Paper 13009

Hobbs, R.S., Bankhead, B., (2000) Advances in Seismic Interpretation, 1990 - 2000: Premier Magazine

Talling, P.J., Lawton, T.F., Burbank, D.W., Hobbs, R.S., (1995) Evolution of latest Cretaceous-Eocene non-marine deposystems in the Axhandle piggyback basin of central Utah: *GSA Bulletin*, v. 107; no. 3; p. 297-315.

Talling, P.J., Burbank, D.W., Hobbs, R.S., Lawton, T.L., and Lund, S.P., (1994) Magnetostratigraphic chronology of Cretaceous to Eocene Thrust Belt Evolution, Central Utah: *Journal of Geology*, v. 102, p. 181-196.

Burbank, D.W., Beck, R.A., Reynolds, R.G.H., Hobbs, R.S., Tahirkheli, R.A.K., (1988) Thrusting and Gravel Progradation in foreland basins: A test of post-thrusting gravel dispersal: *Geology*, v. 16; p. 1143-1146.

Allen, P.M., Hobbs, R.S., Maier, N.D., (1988) Downstream impacts of a dam on a bedrock fluvial system, Brazos River, central Texas: *Society of Civil Engineers*.

### **Professional Societies**

American Association of Petroleum Geologists  
Society of Exploration Geophysicists  
Houston Geologic Society  
Petroleum Exploration Society of Great Britain (PESGB)  
EAGE