

## RESUME OF JACK J. GRYNBERG (July 2014)

### EDUCATION

Colorado School of Mines, Golden, Colorado

Professional Degrees:

- 1/1950-5/1952 Master of Engineering\* (Petroleum Refining (Chemical) Engineer)  
8/1952-5/1953 Completed Graduate Studies for a Doctor of Science in  
Geophysical Engineering except thesis  
1/1959-5/1959 Master of Engineering\* (Professional Degree as Petroleum  
(Production) Engineer)  
5/1976 Honorary Degree and Distinguished Achievement Medal in the  
Field of Mineral Engineering  
3/1976-3/1981 Member Board of Trustees, Colorado School of Mines, Golden,  
Colorado

\*Formerly Professional Engineer's Degree

### REGISTERED PROFESSIONAL ENGINEER

Active and in Good Standing:

Colorado	Registration No. 29586
Oklahoma	Registration No. 3663
South Dakota	Registration No. 5582
Texas	Registration No. 14578
Utah	Registration No. 9089260-2202

### PROFESSIONAL EXPERIENCE

- 2014 Chairman, President and CEO, MOST Power, LLC  
2007-Present Founder, President and CEO, MOST Ethanol Company, LLC  
2006-Present Chairman, President and CEO, Superior Energy Company, Inc.  
2005-Present President and CEO, GADECO, LLC  
1996-Present Chairman, President and CEO, RSM Production Corporation  
1990-Present President and CEO, Pricaspian Development Corporation  
1990-Present Founder of a number of oil & gas and gold ventures exploration and  
development in the former Soviet Union  
1988-Present Active in international oil and natural gas and gold in the former  
Soviet Union, Middle East, Africa, Far East and Latin America  
1985-Present President and CEO, Grynberg Production Corporation  
1980-Present Chairman and CEO, Transworld Resources Corporation  
1962-Present Independent Oil, Gas, and Mineral Operator, U.S.A.  
Domestic operations within the continental United States with  
oil and gas production and exploration in California, Colorado, Louisiana,  
Michigan, Mississippi, South Dakota, Montana, New Mexico,  
North Dakota, Oklahoma, Texas, Utah and Wyoming  
1954-Present President, Grynberg Petroleum Company and its predecessor,  
Jack Grynberg and Associates  
1976-1982 President and CEO, Olympic Uranium Company. Uranium exploration  
and development, U.S.A.

- 1974-1981 Founder, Chairman and CEO, Universal Drilling Company and Universal Drilling Services, Inc., a 6-rig drilling contractor with 10,000 to 22,000 foot rigs. Companies sold in 1981
- 1974-1981 President and CEO, Universal Drilling S.A., Panama
- 1973-1974 President, Hess Exploration Company (affiliate of Amerada Hess), beneficiary of 20% credited interest
- 1969-1976 Founder and Principal Stockholder (76%), Chairman, President and CEO, Oceanic Exploration Company, a public company engaged in off-shore and onshore oil, gas and mineral exploration and production in the following areas outside the continental United States: British North Sea, Dutch North Sea, Cameroon, Greece, Madagascar, Malaysia, Nicaragua, Peru, Timor and Taiwan. A public company whose stock was traded over the counter. Company sold in 1981.
- 1954-1962 Partner (60%-owner), Pirson-Grynberg Associates  
Through this partnership with Dr. Sylvain J. Pirson, jointly conducted 2-week intensive well log interpretation and 4-week advanced reservoir engineering courses in the U.S.A. (Austin, Texas and Denver, Colorado), Canada, Venezuela, England, France, Italy and the Middle East.
- 1954-1962 Owner, Jack Grynberg and Associates, Consulting petroleum, petrophysical, geological and geophysical engineers
- 1953-1954 Research Engineer, Research and Development Department, Continental Oil Company, Ponca City, Oklahoma

#### **PROFESSIONAL ATTAINMENTS, APPOINTMENTS AND MEMBERSHIPS**

- Patent Holder: United States Patent #4,492,862 - January 8, 1985  
"Method and Apparatus for Analyzing Components of Hydrocarbon Gases Recovered from Oil, Natural Gas and Coal Drilling Operations"  
Invented by: Jack J. Grynberg, Leonard Y. Nelson and Stephen E. Moody
- Appointments: Appointed by Colorado Governor Richard Lamm to the Board of Trustees, Colorado School of Mines, March 1975 to March 1981
- Appointed to the International Board of Advisors,  
Gubkin State Oil and Gas University, Moscow, Russia-1992
- Appointed to the Presidential Council, Colorado School of Mines, 1989-Present
- Committee on Nuclear and Alternative Energy Systems of the National Academy of Sciences and National Academy of Engineering --  
Presidential Appointments by President Gerald Ford (1974-1976) and President Jimmy Carter (1976-1980)
- Appointed by President Bill Clinton to panel consisting of chief executives of American oil and gas companies to represent the American oil and gas industry in the Russian Republic in order to enhance American-Russian oil and gas joint ventures, 1994.
- Speaking Invitations: Speaker at 6th African United Nations Oil & Gas, Trade & Finance Conference in Douala, Cameroon, October 2002

Represented the U.S. Department of Energy and U.S. Department of Commerce at 7th African United Nations Oil & Gas, Trade & Finance Conference in Luanda, Angola, and made a presentation on behalf of the U.S. Government, May 2003

Speaker at African Petroleum Forum in London, England, March 2004

Speaker at 8th African United Nations Oil & Gas, Trade & Finance Conference in Marrakech, Morocco, April 2004

Speaker at 10th Annual Latin Oil & Gas 2004 Conference in Rio de Janeiro, Brazil, June 2004

Speaker at African Petroleum Forum in Houston, Texas, April 14-15, 2005

Speaker at Africa Energy Forum 2005 in Barcelona, Spain, June 22–24, 2005

Speaker at Upstream Oil & Gas Summit at Amelia, Island, Florida, February 5–7, 2006; topic “Effective Strategies to Deal with the Top Challenges of Remote Supply Markets”

Speaker and Chairman of a Gas21 Session at Africa Energy Forum 2006 in Lille, France, June 28-30, 2006; topic “The Gas Potential of Africa”

Speaker at Tribal (American Indian) Energy in the Southwest Conference in Albuquerque, New Mexico, December 11-12, 2006

Speaker at a Gas21 Session at the Africa Energy Forum 2007 in Hamburg, Germany, June 27-29, 2007

Member of Market Watch Panel and Speaker on “African Bio-Fuels Potential” at Africa Energy Forum 2008 in Nice, France, July 2-4, 2008

Principal speaker at National Association of Royalty Owners (NARO) 28<sup>th</sup> Annual Convention on “Mismeasurement and Shortchanging of Royalty Owners by Gas Pipeline Companies and Oil Companies” in Little Rock, Arkansas, September 18-20, 2008

Speaker at Energy Freedom Summit on “Biofuels: Ethanol, Biodiesel, Methanol, Compressed Natural Gas (CNG) and Gas to Liquids (GTL)” in Chicago, Illinois, October 24-25, 2008

Chairman and Speaker on “Gas Value” and on “Trading African Biofuels,” plus gave presentation on “Biofuels: Ethanol, Biodiesel, Methanol, Compressed Natural Gas (CNG), Gas to Liquids (GTL), and Flex Fuels” at the Africa Energy Forum in Bordeaux, France, June 30-July 2, 2009

Chairman of “Investment Opportunities and Risks” Session at AfricaGAS at the Africa Energy Forum 2010 in Basel, Switzerland, June 29-July 1, 2010

Speaker at Africa Energy Forum 2011 in Paris, France, on “Natural Gas Potential of Africa,” June 13-15, 2011

Speaker at Platts 1<sup>st</sup> Annual Biofuels Conference in Amsterdam, The Netherlands, on “Advances in Biofuel Feedstocks for African Development,” June 28-29, 2012

Speaker at Merrick & Company 2<sup>nd</sup> Annual Bioprocessing Conference in Denver, Colorado, on “Cassava and Plantains-Biofuels Feedstocks for Africa,” Sept. 10, 2012

Memberships: National Society of Professional Engineers  
Society of Exploration Geophysicists (SEG)  
American Association of Petroleum Geologists (AAPG)  
American Institute of Mining and Engineers (AIME)  
Society of Petroleum Engineers (SPE) - Legion of Honor Member  
Association of International Petroleum Negotiators  
European Society of Exploration Geophysicists (ESEG)\*  
Rocky Mountain Association of Geologists (RMAG)  
American Petroleum Institute (API)\*  
Member Board of Trustees, Colorado Energy Research Institute, March 1975 to March 1981  
Honorary Consul, Republic of Panama, 1974-1986  
Member, Uranium Subpanel of Supply and Delivery Panel

**\*Member Emeritus**

**PUBLICATIONS**

“Induction Log Departure Curves for No Invasion” (Oil Base Mud or Air)

By: Jack J. Grynberg - 1953

“The Microlog - Its Application and Interpretation”

By: Jack J. Grynberg and Leendert de Witte - 1954

“Quantitative Electric Log Interpretation of “D” and “J” Sands–Denver Basin”

By: Jack J. Grynberg - 1956

““The Continuous Dipmeter”

Articles in April 1 and 22, 1957, The Oil and Gas Journal

By: Jack J. Grynberg and Morris I. Ettinger

“Log Interpretation Charts”

By: Sylvain J. Pirson and Jack J. Grynberg - 1958

“Selected Well Logging Problems for Geologists and Petroleum Engineers”

By: Sylvain J. Pirson and Jack J. Grynberg – 1958

“DST - Success or Failure?”

Article in June 22, 1959, The Oil and Gas Journal

By: Jack J. Grynberg

“Log Interpretation Manual Number 2”  
Supplement-A-Ri-Rt Conversion Charts  
Based on Lectures by Jack J. Grynberg and Sylvain J. Pirson – 1960

“Handbook of Well Log Analysis”  
McGraw-Hill - 1964  
Based on Lectures by Sylvain J. Pirson and Jack J. Grynberg

“Application of Water Resistivity Data”  
By: Jack J. Grynberg and B.L. Carlberg - 1974

Study of Nuclear and Alternative Energy Systems  
Supporting Paper 1 - 1978

“Problems of U.S. Uranium Resources and Supply to the Year 2010”  
By: The National Research Council, The National Academy of Science  
By: Leon T. Silver, Jack J. Grynberg, David S. Robertson, Joseph B. Rosenbaum  
and Arnold J. Silverman

Study of Nuclear and Alternative Energy Systems

“U.S. Energy Supply Prospects to 2010” - 1979  
By: The National Research Council, National Academy of Science  
By: Jack J. Grynberg and others.

#### **LANGUAGES**

English, French, German, Polish, Russian and Hebrew

#### **LEGISLATION**

H.R. 501 - Sections 801 and 802, “Study of Actions to Improve the Accuracy of Collection of Federal Oil, Condensate, and Natural Gas Royalties Act of 2011”  
H.R. 3534 titled “Study of Actions to Improve the Accuracy of Collection of Royalties”  
H.R. 2152 titled “Foreign Business Bribery Prohibition Act of 2009”  
GAO-10-313 Report issued March 2010, “Interior’s Oil and Gas Production Verification Efforts do not Provide Reasonable Assurance of Accurate Measurement of Production Volumes”

#### **MILITARY SERVICE**

Resistance against Nazis, 1943-1944  
Volunteer, Israel’s War of Independence, 1947-1949  
U.S. Army Corps of Engineers; U.S. Army Research and Development Command,  
Soviet Radioactive Warfare Section, and worked as a scientific spy 1956-1957  
Honorable Discharge

#### **PERSONAL**

U.S. Citizen, born January 21, 1932, Brest, Poland  
Married June 1959 to Celeste C. Bachove  
Three (3) children and three (3) grandchildren