

RESUME OF

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EDUCATION: BS in Petroleum Geology, University of Southwestern Louisiana – 1984
REGISTRATION: State of Texas Professional Geoscientist License #2871
CERTIFICATION: Society of Independent Professional Earth Scientists #2584
MEMBER: Houston Geologic Society # 8332
Society of Exploration Geophysicists # 137572
Geophysical Society of Houston # 53423
PERSONAL: DOB: November 30, 1958 – Married – Two Children

QUALIFICATIONS:

Trained as a geologist and geophysicist, experienced using SMT Kingdom 2D/3D seismic interpretation software, with a working knowledge of Halliburton's Landmark/Geographix and Genetek Earthworks software. Over 22+ years experience prospecting and finding oil and gas in the Gulf Coast coast region. Experienced integrating geologic, geophysical and engineering data for prospect generation, analyzing prospect submittals and performing well-site evaluations during the drilling phase. Knowledgeable in seismic data pre-conditioning necessary to expedite a risk reduction workflow using AVO methods, Spectral Decomposition and multi-attribute analysis techniques. Familiar with the Rose and Associates prospect risk reduction methods and software. Proficient in basin analysis and seismic facies analysis to identify various depositional environments in offshore and onshore Gulf Coast region. Skilled at working within multidisciplinary teams on infill drilling or recompletion projects, including conducting due diligence for field wide reserve evaluations. Managed multi-million dollar exploration and development projects, supervised and designed land and transition zone 3D seismic surveys for deep gas and salt overhang imaging. Responsibilities included prospect generation and evaluation, 3D survey design-budgeting-finance-acquisition, including 3D operations, scheduling, project timelines, GIS database management, 3D velocity modeling supervision and 3D PSTM and PSDM seismic processing coordination with contractors. Demonstrated ability to build enterprise asset value, generate quality development and exploration prospects to drill in complex, salt deformed, structural settings. Excellent communicator with upper management, investors, financial institutions, analysts, contractors and consultants to present concise opinions and prospect recommendations.

EXPERIENCE:

Feb 2007- Present **INDEPENDENT CONSULTING GEOSCIENTIST**
Performing accelerated proof of concept engagements for Microsoft Corp and Tyan Computer Corp at client locations to evangelize Microsoft's Compute Cluster Server 2003 operating system using a desk side PC Cluster supercomputer. Showcased emerging parallelized software applications, targeting geoscience and engineering workgroups in oil and gas exploration, refining and aerospace.

**April 2006-
Dec 2006 SENIOR GEOSCIENTIST
COLDREN OIL AND GAS COMPANY LP**

Responsible for co-developing the company's geoscience risk reduction strategy using reprocessed marine seismic, AVO methods, pseudo-impedance, Spectral Decomposition and multiple seismic attributes to explore and develop offshore GOM assets covering 150 OCS blocks acquired from Noble Energy. Worked Western Region, offshore GOM shelf assets to 300 ft water depth.

**June 2005-
January 2006 CHIEF GEOLOGIST/GEOPHYSICIST
SUMMIT ENERGY COMPANY LLC**

Appointed June 1, 2005 to lead the Summit Energy Company technical team to generate prospects, to drill and promote, using a new, 110 square mile 3D survey covering the Marsh Island Refuge and Eugene Island transition zone areas. Instrumental in preplanning a proposed multi-year drilling program. Responsibilities included reporting to and executing strategic decisions by the company's Board of Directors, investor relations, day to day administration of the company's investments and strategic planning associated with implementing Summit's technical business model. Actively engaged in all geoscientific decisions and prospect interpretation decisions with staff, financial partners, and consultants.

**Jan 1997-
May 2005 GEOLOGIST / GEOPHYSICIST / MANAGING PARTNER
SUMMIT ENERGY COMPANY LLC**

Geoscientist for a privately held, independent South Louisiana based exploration and development company. As geophysical team leader, analyzed, preplanned and managed new 3D seismic acquisitions, reprocessed 2D and 3D seismic, generated and assembled ready to drill exploratory and development prospects for in-house investors and/or promotion to industry. Lead marketing team to design and execute marketing strategies for public and private presentations. Responsible for in-house investor relations, fund raising from high net worth individuals and private or public companies for drilling capital. Participated in 3D seismic processing research and co-authored papers and presentations in association with other industry scientists.

**Jan 1993 –
Dec 1996 GEOSCIENCE CONSULTANT
PETRO-DRIVE, INC. – LAFAYETTE, LA**

Responsible for analysis of bearing loads and drive records in seafloor sediments, marketing offshore caisson and minimal structure installations for major and independent clients in the GOM waters. Performed evaluations of mature producing fields and associated seismic data.

**August 1991 –
Dec 1992 CONSULTING GEOLOGIST
MAERSK ENERGY – HOUSTON, TX**

Executed and managed a deep gas exploration project for Maersk in the Oligocene Trend of South Louisiana. Provided marketing assistance to president as required. Assisted exploration manager in screening outside prospect submittals offshore/ onshore GOM and in other US basins.

Jan 1988 - INDEPENDENT CONSULTING GEOLOGIST / GEOPHYSICIST
July 1991 VARIOUS CLIENTS - HOUSTON, TEXAS

Directed the evaluation of natural gas prospect submittals for clients located onshore and offshore South Louisiana and Texas. Conducted drilling prospect and producing property due diligence, interpreted 2D and 3D seismic and built regional geologic studies in the Cretaceous and Oligocene trends. Generated geo-pressured gas prospects for sale and promotion to industry producers.

Consulting Services provided to the following Companies:

- Allied Energy, Inc.-Hou.
- Camac, Inc.-Hou.
- Cliffs Drilling Co.-Hou.
- Elsbury Production-Laf.
- Excel Resources, Inc.-Hou.
- Forest Oil Corp.-Denver/Laf.
- G-n-C Limited Partnership-Hou.
- Maersk Energy, Inc.-Hou.
- Oceanic Consultants, Inc.-Hou.
- OCS Operators, Inc.-Hou.
- Patrick Petroleum, Inc.-Hou.
- Presidio Exploration Co.-Denver

Jan 1984 – GREAT SOUTHERN OIL AND GAS COMPANY, INC.
Dec 1987 STAFF DEVELOPMENT GEOLOGIST – LAFAYETTE, LA

Responsible for salt dome geologic interpretations in South Louisiana, onshore. Reinterpreted geology on company lands, generated development-drilling prospects and performed regional field studies throughout the Gulf Coast region. Screened all prospect submittals on salt domes, supervised over 64 well-site log evaluations drilled by the company. Marketed prospects to industry companies and high net worth investors.

CONTINUING EDUCATION / PRESENTATIONS-ARTICLES

2003 SEG Recent Advances and Road Ahead Session – “Velocity Revisited: New Paradigm for Seismic Imaging and Interpretation by Dr. Wook Lee, Seislink Corp

2006 Seismic Micro Technology –Houston (Data Loading, Advanced Interpretation)

2006 SEG Continuing Education-New Orleans (Intro into Rock Physics)

2006 World Oil November 2006, Vol. 227 No. 11 – New Capability in Personal and High Performance Computing Provides Choices

2007 Seismic Micro Technology –Houston (Geologic Prospecting using Seismic Attributes, AVO Analysis for Hydrocarbon Detection)

2007 GSH-SEG Spring Symposium Technical Program “The Taner Symposium” – The Use of Seismic Attributes and AVO in Risk Assessment (Case Histories and Best Practices)

2007 Microsoft HPCPAL Training - Seattle (Windows Compute Cluster Server 2003 Operating System)

ADDENDUM
Detailed Work Description

Co-funded Reprogramming of Spectral Decomposition Software

- In April 2007, partnered with Microsoft Corporation to co-fund the re-programming of a high resolution Spectral Decomposition software application for oil and gas prospect risk reduction. It was previously used for enhanced fault prediction at the reservoir level and as a direct hydrocarbon indicator tool. The software program will be parallelized to run significantly faster on a high performance, desk side, PC cluster supercomputer workstation.

Sale of Eocene Exploration Project to Bayou Bend Petroleum Company Ltd (BBP: TSX)

- In March 2007, consulted to Summit Energy Company LLC to sell a mini-basin exploration play concept, previously originated for the company, in the Eocene (Wilcox) trend, onshore South Louisiana. Based upon the basin analysis work and resulting prospectivity, Bayou Bend Petroleum elected to purchase the exploration concept rights to this project.

Key Projects and Accomplishments for Coldren Oil and Gas Company LP (Lafayette)

- Mustang Island Block 736 exploration project mapping of structure and reservoirs for Plan of Exploration filing with Mineral Management Service. Used 3D spec and reprocessed broadband seismic, AVO compliant gathers, AVO attributes, pseudo-impedance, and Spectral Decomposition volumes to calibrate and predict Marg A gas responses conforming to the structural trap.
- High Island Block 550-551 exploration and development project mapping and DOCD filing. Designed and supervised the Prestack Time Migration reprocessing flow of a 1996 vintage, marine, 3D streamer seismic survey at WesternGeco.

Key Projects and Accomplishments for Summit Energy Company LLC (Lafayette)

- Instrumental in preplanning and executing Summit's largest exploration and development drilling project, the Marsh Island 3D program. Supervised the entire exploration project, within a wildlife refuge, which was successfully completed in August 2005. The project resulted in over 24 high value gas prospects within a new, proprietary 110 square mile 3D survey. Based upon the potential value of this project, Summit Energy Company LLC was sold in February 2007 to a public Canadian based company, Bayou Bend Petroleum Ltd for US\$29MM in cash and \$1.25MM in stock, or US\$1.550MM per 1% interest. Bayou Bend Petroleum Ltd (TSX: BBP) (formerly Kit Resources) is a publicly held Canadian company with ties to the Lundin Group of Companies based in Geneva, Switzerland.
- From 2003-2005, preplanned, nominated, bid and was awarded a 165,000 acre option to lease from the State of Louisiana, in support of a 110 square mile, proprietary 3D project, over the Marsh Island Wildlife Refuge in Iberia Parish, LA. Secured commitments totaling \$16MM in financing from high net worth investors, to participate in the 2003 State Lease sale.
- Negotiated final terms sheet for a \$15MM mezzanine type financing facility from Trust Company of the West (Los Angeles), in January 1998.

- From 1997 to 2002, conducted due diligence evaluations of multiple producing properties in data room settings. Along with a joint venture partner Sierra Mineral Resources (Houston), submitted the high bid on a \$70MM package of producing properties.
- In 1998, planned, subcontracted, supervised and sold in-house investors on a \$5,000,000, 37 square mile, 3D seismic acquisition project. Responsible for project managing the entire acquisition, processing and financial oversight of the 3D project located in South Louisiana onshore. The 3D seismic survey was acquired over the Jefferson Island salt dome, in Vermilion and Iberia Parishes, covered approximately 26,000 acres. The 3D survey was completed on time, under budget and without any lost time accidents. Crop damages and surface mitigation costs were less than \$15,000 across this highly cultivated and environmentally sensitive area.
- Solicited and helped secure Halliburton Energy Services, Inc. (Houston) to fund a \$16MM, seven (7) well drilling program at Jefferson Island after 3D seismic was acquired and PUD reserves audited. Negotiated \$3.2MM partial reimbursement of \$5MM in sunk costs for seismic acquisition at Jefferson Island.
- Evaluated, negotiated and acquired Plumb Bob field in St. Martin Parish, Louisiana from Apache Corporation (Houston).
- Engaged Waterous & Company (Houston) and preplanned all geologic exhibits for data room to sell the Plumb Bob Field and new 3D survey acquisition. Conducted all marketing presentations at Waterous office. Property sold to Goodrich Petroleum in late 2002 and a new 3D survey was shot in 2003.
- Co-developed a new technique for editing and calibrating a 3D seismic velocity field, before prestack time migration and validated the method through test processing and drilling success. Co-authored the presentation that was delivered to the 2003 SEG convention (Dallas) in the Recent Advances and the Road Ahead session, by Dr. Wook Lee of Seislink Corporation (Sugarland, TX). In 2003, Seislink Corporation applied for US and international patents.
- Helped raise \$2.3MM from industry and private investors to fund drilling of an 18,500ft deep gas prospect near Lafayette, LA. Secured farm out of key lands from Unocal Corporation. Well was operated by Zinke & Trumbo Exploration (Tulsa, OK).
- Planned and supervised multiple time and depth migration reprocessings of the Jefferson Island 3D seismic data. Achieved significant image improvement of the salt flank and calibrated the salt seismic reflections to wells that penetrated salt. The Jefferson Island 3D seismic survey was conditioned for reservoir characterization and AVO compliance.

Key Projects for Maersk Energy (Houston)

- Generated and sold an onshore 19,000ft Miogyp-Marg tex prospect in Vermilion Parish, Louisiana to Maersk Energy Houston. Consulted to Maersk Energy president Tom Collins to source outside investors to participate in drilling the well. Successfully promoted 25% working interest to Transfuel, Inc. Monitored the well while drilling and performed well site evaluation during logging phase. The well was drilled to 17,500ft or through the Miogyp section.

Key Projects as Independent Consultant 1988-'91

- Generated five (5) deep gas prospects in Avoyelles and Vermilion Parishes, Louisiana while working as a consultant. Three prospects were funded and drilled, with two (2) prospects remaining undrilled.
- Mapped proven reservoirs in East Little Cheniere field, Cameron Parish, Louisiana for Cliff's Drilling Company. Company was able to book an additional \$5MM of proved producing gas reserves as a result of this consulting work.
- Consulted to project engineer at OCS Operators, Inc (Houston) on a fast track 14-week platform refurbishment for Elf Aquitaine Operating, Inc. (Houston). Performed critical path materials procurement, redundant daily inspection and supervised load out of the 150 ton process facility deck onto a barge for High Island Block 207.
- Conducted twenty-three (23) producing property evaluations in OCS waters, Gulf of Mexico for various offshore clients.

Key Projects for Great Southern Oil and Gas Company

- Generated fourteen (14) development prospects on the following salt domes in South Louisiana, Anse la Butte, Port Barre, Section 28, and Jennings. All were drilled and completed with over 80% commercial success.
- Conducted well site log evaluations on sixty-four (64) wells throughout South Louisiana's land and transition zone areas.