

Curriculum Vitae

HAROLD L. IRBY

25744 N. Thurber Way
Stevenson Ranch, California
U.S.A. 91381

Tel: 1-661-287-4350

<http://www.geocities.com/irbyhl>

harold_irby@hotmail.com

<http://cid-31e07c4eb141977a.skydrive.live.com/browse.aspx/irbyhl>

CAREER SUMMARY

Harold Irby is a very experienced petroleum engineering professional with over 25 years of experience in the international oil and gas industry. He is business oriented with industry experience with major and national oil companies. He has earned **BS**, **MS** and **MBA** degrees from nationally recognized universities. His very diverse and integrated background lends itself to the creation of real economic value for his company and/or client. The many experiences with different cultures, locations, projects, responsibilities and activities allows him to meet the challenges and to accomplish the goals and objectives placed before him.

He is a competent individual, group leader and team player. He has been involved in the development, motivating and supervising national junior engineers delegated to work with him. His inter-personal skills and sense of obligation lend themselves to real economic productivity.

He has a long and excellent employment record and has exemplary references for his previous employers and other well-known individuals within the petroleum industry. Without exception, he maintains the highest ethical standards and consistently maintains strict professional and industry standards.

CAREER OBJECTIVE

To apply to the fullest economic benefit his accumulated experience in the petroleum industry for my employer's economic success whether as a full time employee or on a contract basis. To create shareholder value and to develop expertise and professionalism through personal development and efficient project management.

PROFESSIONAL EXPERIENCE / PETROLEUM INDUSTRY

Sonangol Pesquisa & Produção, Luanda, Angola

2007 - 2008

Sr. Reservoir Engineer, Team Leader Petroleum Engineering, Multi-disciplinary, Integrated Field Development

RESPONSIBILITIES

2007-2008

Senior Reservoir Engineer, Team Leader in multidisciplinary integrated team consisting of geological, geophysical, petrophysical, reservoir engineering for the re-development of numerous large offshore fields with multiple carbonate reservoirs offshore Angola, West Africa.

Development planning for new fields in Sonangol operated areas offshore Angola, West Africa.

ACCOMPLISHMENTS

2007-2008

Utilized 3D modeling packages such as Petrel and Eclipse reservoir simulation (hands on experienced) to further confirm re-development strategies to prolong the life of the fields and to increase future production.

Applied probabilistic techniques for remaining reserves determination P10, P50 and P90 and incremental economics for various re-development strategies.

Consulted with and trained national engineers in modern interpretation and engineering techniques.

Implemented project economics as a measure project ranking and for determining re-development projects to pursue.

PROJECTS/ACTIVITIES**2007-2008**

Projects consisted of several currently developed offshore fields consisting of carbonates oil reservoirs and existing surface facilities and Floating Production and Storage transportation systems.

Prepared presentations of re-development strategies for technical committee meetings with partners.

Teknica Overseas Limited, Calgary, Alberta, Canada**2006 - 2007****Reservoir Engineer****Reservoir Engineering, Multi-disciplinary, Integrated Field Study****RESPONSIBILITIES****2006-2007**

Reservoir engineer in multidisciplinary integrated team consisting of geological, geophysical, petrophysical, reservoir engineering, reservoir modeling for a full field review and development planning for a large offshore field with multiple fractured carbonate reservoirs offshore southern Gulf of Mexico for client Pemex.

ACCOMPLISHMENTS**2006-2007**

Confirmed via independent means the original oil in place and oil reserves estimates; created field development production profiles, updated pressure transient analysis and compiled 150 page reservoir engineering report.

PROJECTS/ACTIVITIES**2006-2007**

Project consisted of a field review/study of a large offshore fractured carbonate oil field.

Knowledge Reservoir / Uzma Engineering, Kuala Lumpur, Malaysia**2005 - 2006****Project Manager****Multi-disciplinary, Integrated Full Field Review****RESPONSIBILITIES****2005-2006**

Managed an integrated team consisting of geological, geophysical, petrophysical, reservoir engineering, production engineering, 3D reservoir modeling and information technology personnel for a full field review and re-development planning for (500 MM Bbl) Temana oil and gas field offshore Sarawak, Malaysia

ACCOMPLISHMENTS**2005-2006**

Re-directed project and managed to change the project's course, quality of results and acceptance by the project's client, Petronas Carigali Sdn. Bhd.

Completed numerous cost-time-resource (CTR) requirements during course of project and passed Petronas' Field Development Review Committee for project continuation and conclusion

PROJECTS/ACTIVITIES**2005-2006**

Project consisted of numerous discipline CTRs encompassing geological/geophysical field re-mapping/re-evaluation; 80+ wells petrophysical re-evaluation, material balance on key reservoirs, production enhancements and optimizations and 3D reservoir modeling

Presented monthly/quarterly project review to client's management and integrated team of discipline professionals.

Prepared weekly reports to executive management and made recommendations for project realignment and results improvement including both personnel and technical applications; held week staff meetings etc.

PARES Petroleum and Reservoir Engineering, Los Angeles, CA**2001 - 2004****Manager Petroleum Engineering****Petroleum Project Development, Economics and Planning****RESPONSIBILITIES****2001-2004**

Consultant to private investors in U. S. independent oil and gas industry in California, Nevada & Kentucky U.S.A.

ACCOMPLISHMENTS**2001-2004**

Evaluation and development of petroleum opportunities in known producing areas

Economic evaluation for private clients with substantial investment in oil and gas properties

PROJECTS/ACTIVITIES**2001-2004**

Realigned project plans for sustainable development and commensurate investor rates of returns

SAUDI ARAMCO, Dhahran, Saudi Arabia

1998 - 2001

Petroleum Engineering Specialist

**Reservoir Development Planning Division
Petroleum Engineering and Development Department**

RESPONSIBILITIES

1998-2000

Development of the semi-annual business plans oil and gas programs and associated capital budgets
Field Development Project economics for currently producing fields and future development opportunities

ACCOMPLISHMENTS

1998-2000

Significant improvement to the planning process and procedures of the planning division
Efficient organization of various department inputs to the development planning process
Response planning to OPEC's production decisions on numerous occasions

PROJECTS/ACTIVITIES

1998-2000

Business planning and development of the crude oil and gas programs for world's largest oil company
Analysis of opportunities for alternative field developments for maximum sustained profitability
Analysis of domestic gas grid and plant through puts for improved gas program planning
Attended various courses such effective business communications, petroleum engineering water flooding and creative thinking

Petronas Carigali Sdn. Bhd., Kuala Lumpur, Malaysia

1996 - 1998

Staff Engineer / Staff Petrophysicist

Development Petroleum Engineering

RESPONSIBILITIES

Due diligence, analysis and acquisition of petroleum properties, project management and efficient operations employing a multi-disciplinary team approach including exploration, economics, drilling, facilities, petrophysics, reservoir and production engineering.

ACCOMPLISHMENTS

Project bid proposals and submissions to The Ministry of Oil and Gas Industry of the Republic of Kazakhstan for the second largest oil field in Kazakhstan, Uzen; USD 3 Billion total expected project budget
Field study and redevelopment plan of a major offshore oil and gas field involving three dimensional geological and reservoir engineering aspects designed to enhance production and prolong field life from conventional and horizontal well completions
Solved significant reservoir evaluation problems with respect software and models then currently applied
Accomplished in analysis using Schlumberger's Geoframe software platform and Terrasciences' integrated geological / petrophysical system

PROJECTS/ACTIVITIES

1997

Re-evaluated an offshore Malaysia oil and gas field and planned for the re-development of remaining oil reserves to maximize recovery and for re-development of gas reserves for future expected gas demand
Planned and hosted Kazakhstan Ministry of Oil and Gas Industry delegation visit to Kuala Lumpur, Malaysia
Completed Republic of Kazakhstan bid proposal in conjunction with a major U.S. oil company partner for submission to The Ministry of Oil and Gas Industry, Almaty, Republic of Kazakhstan
Participant in Mentor / Mentee program, staff training coordinated by Staff Engineers
Attended SPE South East Asia Convention, Kuala Lumpur, Malaysia
Staff improvement activities involving training and mentoring local staff

PROJECTS/ACTIVITIES

1996

Prepared and presented Uzen field project proposal to the Ministry of Oil and Gas Industry of the Republic of Kazakhstan in Almaty, Kazakhstan

Integrated geological, petrophysical, engineering and financial analysis with respect to property evaluation for acquisition of the Uzen oil field in The Republic of Kazakhstan

Integrated geological, petrophysical, engineering analysis with respect to property evaluation and acquisitions in Sudan and the Caspian Sea, Turkmenistan

Evaluation of exploration and development wells drilled offshore Malaysia for testing, operational and development decisions

ARCO International Oil and Gas Company, Plano, Texas

1989 - 1993**Staff Petroleum Engineer****Petroleum Engineering, International Headquarters Staff**

RESPONSIBILITIES

Analyzed petroleum properties utilizing principles of exploration economics, reservoir and production engineering, and financial analysis for Net Present Value, sensitivity and investment decision criteria

Managed the bidding, evaluation, negotiation and awarding of the logging/coring service contract process for international operations with inter-departmental personnel, e.g. the legal department and operating subsidiaries, \$1MM to \$10MM range, supervised compliance of contracts and approved payments thereof

Provided engineering and financial analysis for project capital expenditures of subject sites for operations, acquisitions and divestitures in numerous international locations, \$100MM range assets

Designed and supervised petrophysical, borehole seismic and petroleum engineering data acquisition programs and subsequent evaluations upon completion of data acquisition

Petroleum engineering and financial evaluation of wells and reservoirs during operational and acquisition phases

Participated and coordinated various disciplines in field development planning, engineering and operations

Day to day international operating decisions and coordination with operating and non-operating partners

ACCOMPLISHMENTS

Key multi-disciplinary team member in the discovery of 750 million barrel oil field in Ecuador; Integrated geological / petrophysical / petroleum engineering evaluation, PW approximately \$100MM Net; compiled reservoir reports and made presentations to corporate management and partner companies

Improved bidding, awarding and contracting procedures saving \$10,000 per contract per procedure; designed information technology procedures for efficient service company bid, evaluations and compliance thereof

Investment criteria decisions for West African and Middle East property acquisitions; utilized Petro-Consultants databases, exploration economics, decline analysis, cost analysis and market evaluation

Critical engineering and economic input for project capital expenditure and production optimization

Designed cost effective well / reservoir data acquisition programs for optimum and practical evaluation to meet the needs of multi-disciplinary exploration and development project management teams

Effective monitoring of safety, quality and contractor compliance of wireline and related operations

PROJECTS/ACTIVITIES

1993

Integrated geological exploration, petrophysical, engineering and financial analysis with respect to property evaluation for open acreage in Persian Gulf region, Qatar, Dubai and other Middle East regional areas

Petrophysical evaluation of Eocene horizons in exploration wells, carbonate objectives, Dubai, U.A.E.

Coordinated exploration well evaluations and operations targeting Eocene formations in Dubai, U.A.E.

Exploration economics and engineering evaluation of prospect acquisitions in Guyana, South America

Attended SPWLA Forum on Russian log interpretation

Offshore China gas field interdisciplinary development team member, updated previous petrophysical and engineering report, reserves determination and production economics; coordinated with development geology and other petroleum reservoir engineering personnel for managerial reviews and approvals

Attended SPWLA annual symposium, Calgary, Alberta, Canada

Geological field trip with Schlumberger representatives in Nueces river valley, Texas in conjunction with Formation Micro-Scanner interpretation and dipmeter interpretation school

Studied Russian language at local community college with a Russian national instructor from Chita, Siberia

PROJECTS/ACTIVITIES

1992

Ecuador oil field discovery, fresh water clastic environment, integrated log core and drill stem test evaluation, completed reservoir report, reserves determination, reservoir simulation input to project reservoir performance and ultimate recovery

Well-site supervision and evaluation of major new oil discovery in Ecuador, Amazon jungle
 Bid tender preparation, evaluation, awarding and contracting for Ecuador, Yemen Arab Republic, interfaced with logging contractor during all phases of job preparation and field operations
 Petrophysical evaluation of exploration wells Offshore, New Zealand, clastic and tuffaceous environments
 Multi-disciplinary petroleum engineering and economic evaluation, Offshore, Nigeria properties for "farm-in"
 Edwin L. Cox School of Business, Southern Methodist University, Dallas, Texas, spring and summer semesters

PROJECTS/ACTIVITIES**1991**

Petrophysical evaluation and integrated reservoir report of minor oil discovery in Ecuador, management presentations, coordination with partner companies in their evaluations and investment criteria
 Well-site supervision and evaluation of minor oil discovery in Ecuador, Amazon jungle
 Offshore China Gas Field detailed reservoir presentation and accommodation for gas buyers in preparation for sales contract agreements
 Well-site supervision and evaluation of exploration project Offshore, Philippines
 Bid tender preparation, evaluation, awarding and contracting for Offshore Gabon and Offshore Philippines
 Prepared bid tenders, performed evaluation, contract preparation for exploration project, Western Desert, Egypt
 Petrophysical evaluation of exploration well, test recommendations and procedures, for exploration project in Syria, complex lithological reservoir sequences
 Integrated petroleum engineering / geological / petrophysical property evaluations for Syria acquisition purposes, including production forecasts, management presentations, investment decisions
 Edwin L. Cox School of Business, Southern Methodist University, Dallas, TX, spring, summer & fall semesters

PROJECTS/ACTIVITIES**1990**

Petrophysical evaluation of exploration wells Offshore Gabon, West Africa
 Integrated, multi-disciplinary reservoir studies of old field discoveries for "farm-in" purposes for Offshore Ghana, results and reports presented to GNPC (Ghana National Petroleum Corporation) management
 Consulted on field evaluations, reserve determinations as part of claims for confiscated properties by Iran
 Well-site supervision and evaluation of field delineation wells, Offshore, Hainan Island, China
 Integrated exploration and engineering analysis of Russian potential acquisition prospect:
 Company: Arkhangelskgeologica
 Basin: Khoreiverskaya (Northern Timan-Pechora)
 Area: Nentes National Area
 Edwin L. Cox School of Business, Southern Methodist University, Dallas, TX, spring, summer & fall semesters

PROJECTS/ACTIVITIES**1989**

Well-site supervision and evaluation of delineation well Offshore Hainan Island, China, Yacheng gas field, clastic environment; coordination of reservoir evaluation activities with Nan Hai West Oil Corporation, NHWOC
 Well-site supervision and evaluation of exploration wells Offshore, Ghana, West Africa, clastic environments
 Petrophysical evaluation of exploration well, Syria, carbonate depositional environments
 Bid tenders submission, evaluation of results, awarding and contract preparation for Offshore, Gabon multi-well exploration project
 Reservoir evaluation, petrophysics, reserves determination, Offshore, Ghana, for property evaluation and acquisition investment decisions
 Technical committee meetings in preparation for Ecuador exploration program, technical management designee
 Edwin L. Cox School of Business, Southern Methodist University, Dallas, Texas, Fall Semester

ARCO International Oil and Gas Company, Los Angeles, California**1984 - 1988****Staff Petrophysical Engineer****Reservoir Engineering, International Headquarters Staff****RESPONSIBILITIES**

Planned and supervised all phases of petrophysical, borehole geophysical and reservoir engineering data acquisition and subsequent petrophysical, and reservoir engineering evaluations
 Wrote analytical programs for petrophysical log / core evaluation, statistics and reservoir production analysis
 Performed contractor analysis for overseas wireline operations; interfaced with the legal and drilling departments in the preparation and awarding of service contracts
 Day to day international operating decisions and responses to operating and non-operating partners as required

ACCOMPLISHMENTS

Key team member in preparation of field reservoir report; evaluation and development plans, of an Offshore South China Sea, Yacheng Gas Field, 3 TCF discovery; performed analysis and made recommendations which realigned the project for positive economic results, \$1Billion range project

Key multi-disciplinary team member in evaluation of Middle East, West African and other international properties offered by various business entities, provided on site analysis as required

Created petrophysical evaluation programs applicable to a wide variety of petroleum reservoirs for IBM mainframe / Personal Computer interface systems

Created responsible and respected petrophysical engineering presence in international headquarters staff

PROJECTS/ACTIVITIES**1988**

Multi-disciplinary team member for evaluation of international petroleum properties offered by a major oil company based in Houston, Texas, for acquisition purposes; included review of PVT samples, BHP surveys, reservoir structural and pressure mapping and material balance calculations

Reservoir and petrophysical evaluation of tuffaceous reservoir oil discovery Offshore, New Zealand

Reservoir and petrophysical evaluation of fractured carbonate reservoir discovery Offshore, Bali, Indonesia

Petrophysical evaluation of clastic gas reservoirs, Offshore, N.W. Australia, decisions as to continued investment

Attended industry supported MWD (Measurements While Drilling) Forum, Dallas, Texas

Attended SPWLA annual symposium, San Antonio, Texas

Well-site supervision and evaluation, test recommendations for exploration wells Offshore, New Zealand

Multi-disciplinary petroleum property evaluation of existing developments in Arabian Gulf and North Sea in consideration for domestic property swaps with another major oil company

Reservoir review of Offshore N.W. Java Sea, Indonesia oil fields, reserves etc. with headquarters management

PROJECTS/ACTIVITIES**1987**

Well-site supervision, evaluation, presentations to TPAO (Turkish Petroleum) management, of exploration wells in the area of Diyarbikar, Turkey, fractured carbonate environments

Preparation of Offshore China Yacheng Gas field integrated reservoir report, presentations to CNOOC, China National Offshore Oil Corporation, management in Zhanjiang and Beijing, Peoples Republic of China

Management meetings with TPAO and international staff for exploration and development decisions

Petrophysical interpretations and subsequent oil discovery, though non commercial, in tuffaceous depositional environment Offshore New Zealand, well flowed at initial production of 1000 Bbls per day water free; presented presentations on this discovery and area exploration to corporate management

Well-site supervision and evaluation of numerous exploration wells Offshore, New Zealand, clastic and tuffaceous sedimentary environments

Reviewed San Jorge basin reservoir data from Argentina in preparation for tuffaceous reservoir evaluation

PROJECTS/ACTIVITIES**1986**

Review and presentation meetings with Nan Hai West Oil Corporation in Zhanjiang, China, for reservoir updates and new well location decisions, coordinated interpretation differences with NHWOC personnel

Reservoir description project, Zhanjiang, Peoples Republic of China, low porosity, high permeability, 3 TCF Yacheng Gas Field, integrated conventional core, wireline log and drill stem test evaluation, presentation of results to senior management of KUFPEC (Kuwait) and National Offshore Oil Corporation in Beijing, P.R.C.

Updated petrophysical evaluation programs, PETROS, on mainframe computer in Jakarta, Indonesia

Reviewed with headquarters management approvals of a North Sea field equity determination study

Petrophysical evaluation of exploration well Offshore Ireland, Celtic Sea

Continued field evaluation of major gas discovery Offshore, Bali, Indonesia, clastic environment

Well-site supervision and evaluation of Offshore Hainan Island, China, exploration well

Geological field trip, Tut Valley Turkey, in preparation for exploration activities in concession near Diyarbikar

Updated petrophysical evaluation programs, PETROS, on mainframe computer in London, England, U.K.

Petrophysical evaluations and reserves determination of onshore fields in Eastern Desert, Egypt concession

Petrophysical evaluations and reserves determination of new discovery Offshore Norway

Continued petrophysical evaluations of field development wells, Dubai, U.A.E.

Petrophysical evaluation Gulf of Suez, Egypt exploration wells during major exploration campaign

PROJECTS/ACTIVITIES**1985**

Well-site operational supervision and evaluation of continued exploration well program Offshore, Hainan Island, China, ran wireline tests to recover oil from previously overlooked zones

Attended communications seminar by outside consultants for headquarters staff groups
 Petrophysical evaluation and test recommendations for major gas discovery Offshore, Bali, Indonesia
 Petrophysical evaluation and test recommendations of major condensate discoveries Offshore Norway
 Attended pressure transient analysis training school
 Attended Schlumberger Well Evaluation Conference, Beijing, China; SPWLA annual symposium, Dallas, Texas
 Petrophysical and reservoir evaluation of exploration well in Dubai, U.A.E., carbonate deposition environments
 Well-site supervision, wireline logging, offset VSP, Gulf of Suez, Egypt, exploration project
 Reservoir evaluations of numerous North Sea discovery and field development wells for management approvals

PROJECTS/ACTIVITIES**1984**

Well-site operational supervision and evaluation of major gas discovery, Offshore Hainan Island, China; discovered a previously misinterpreted accumulation and determined reserves
 Well-site operational supervision and evaluation of exploration well in Simpson Desert, Australia
 Evaluations and recommendations for exploration wells North Sea ongoing exploration / development activities Dubai, U.A.E. developed well diagnosed correctly after serious production problems and misinterpretations
 Well site evaluations of additional exploration wells, Offshore Hainan Island, China, as part of ongoing regional exploration program
 Petrophysical and reservoir evaluation of gas condensate field in Dubai, U.A.E., fractured anticline, dual porosity reservoir system
 Petrophysical evaluations, reserves determination, development planning of a major field development N.W. Java Sea, Indonesia, clastic environments

Halliburton Energy Services, Houston, Texas**1983 - 1984****Assistant Manager Evaluation Engineering****United States, International Division****RESPONSIBILITIES**

Managed international headquarters staff of 20 personnel providing evaluation and interpretation services for a diverse client base both domestically and internationally
 Developed petrophysical and reservoir engineering interpretation techniques and marketed these services and recommended solutions to clients as a result of the analysis for both open hole and cased hole applications

ACCOMPLISHMENTS

Provided value added services for clients operating in the United States, diagnosed production problems and increased production stream and revenues for specific clients in South Central Texas
 Consulted with Petro Canada's operating subsidiary in Barbados B.W.I. in field development and complex reservoir evaluation
 Organized department according to company wide needs and assigned personnel accordingly

PROJECTS/ACTIVITIES**1983 - 1984**

Developed production logging analytical interpretation programs using industry-accepted standards
 Acted as liaison with research and development groups with respect to applicable and marketable services
 Presented client training seminars and provided log interpretation consulting services for numerous clients

Schlumberger Inland Services, Aberdeen, Scotland, U.K.**1982 - 1983****Senior Petrophysicist****U. K. North Sea, United Kingdom Onshore****RESPONSIBILITIES**

Provided open and cased hole, log interpretation, log analysis services to a diverse client base operating in the U.K. North Sea, Ireland, U.K. Onshore and other international areas, e.g. Malacca Straits, Malaysia, operated by U.K. based petroleum exploration and production companies
 Trained new log analyst and field engineers in current and new log interpretation products and services that included Nuclear Magnetic Resonance and Gamma Ray Spectroscopy
 Interfaced with client company's engineering, exploration and management personnel with respect to interpretations, field and computing center log analysis quality

ACCOMPLISHMENTS

Integrated computed log services such as VOLAN using Dual Water interpretation concepts
 Became proficient in application of computed log interpretation services such as GLOBAL and CORIBAND ¹
 Interpretation development of new measurement systems such as Nuclear Magnetic Resonance, NMR
 Service to major clients included Total, BP, Britoil, and Shell where excellent rapport was developed

PROJECTS/ACTIVITIES**1982 - 1983**

Completed production log analysis computed services campaign for Beryl field Offshore North Sea
 Attended various training seminars in division headquarters, London, England
 Contributed to Schlumberger Well Evaluation Developments WEC, Well Evaluation Conference
 Trained with other analyst in VSP services and interpretations; Dipmeter computation and analysis

Schlumberger Offshore Services, Houston, Texas**1981 - 1982****Petrophysicist****Gulf of Mexico, U.S.A. East Coast Offshore****RESPONSIBILITIES**

Provided open and cased hole petrophysical, log interpretation and computing center log analysis services to a diverse client base operating in the U.S. Gulf of Mexico and U.S. East Coast Offshore areas
 Implemented new computer systems and evaluated new operational and evaluation procedures and software; trained log data processors and other support personnel
 Interfaced with client company's engineering, exploration and management personnel with respect to log interpretations, field and computing center log analysis quality

ACCOMPLISHMENTS

Acquired proficiency in conventional well log interpretation, e.g. VOLAN and SARABAND ² and Dipmeter
 Assigned as computing center's primary cased hole applications analyst, e.g. TDT, Cased Reservoir Analysis, NODAL-IPR-PRODUCIBILITY, and time lapse reservoir monitoring analysis using pulsed neutron logging
 Attended Technology of Artificial Lift Methods School conducted by Kermit Brown

PROJECTS/ACTIVITIES**1981 - 1982**

Presented well and reservoir evaluations to clients and conducted client training seminars
 Upgraded computing center's hard ware, e.g. DEC VAX 11/780 and software releases
 Solved numerous problems for client's through superior analysis, interpretation and client consultation

Schlumberger Offshore Services, Davisville, Rhode Island**1978 - 1980****General Field Engineer****U.S.A. East Coast Offshore****RESPONSIBILITIES**

Managed field crew and over \$1MM of equipment for assigned clients U.S.A. East Coast Offshore
 Provided well logging, borehole seismic and perforating services for assigned clients operating Offshore U.S.A. East Coast, clients primarily were Exxon U.S.A., Texaco and Connoco

ACCOMPLISHMENTS

Established new operations district in Davisville, Rhode Island, U.S.A. with \$3 to \$5 MM/Mo. revenues
 Wrote well evaluation paper that improved operational and reservoir evaluation procedures; created additional revenues and provided more reliable exploration well decisions

PROJECTS/ACTIVITIES**1978 - 1980**

Provided field operational services from spud to abandonment on numerous well projects for major clients in a remote operating environment

¹ Trademarks of Schlumberger

² lbib

Created a functional district in a relatively remote location with respect to its division headquarters

Schlumberger Offshore Services, Morgan City, Louisiana

1974 - 1977

Senior Field Engineer

U.S.A. Gulf of Mexico Offshore

RESPONSIBILITIES

Managed crews and over \$1 Million equipment in Gulf of Mexico well logging, borehole seismic, cased hole services and perforating operations

Trained new field engineers, crew operators and coordination of client relations and service quality

ACCOMPLISHMENTS

Improved client relations and service quality within a diverse client base

Progressed through the ranks of Trainee Field Engineer, Field Engineer and Senior Field Engineer

PROJECTS/ACTIVITIES

1974 - 1977

Numerous field operations during a time of unprecedented exploration and development activity in the Offshore Gulf of Mexico area

In charge of district during absence of managers on numerous occasions

EDUCATION

Master of Business Administration		
Southern Methodist University, Dallas, Texas		1992
Master of Science in Physics		
Georgia Institute of Technology, Atlanta, Georgia		1974
Bachelor of Science <i>magna cum laude</i>		
Georgia Southern University, Statesboro, Georgia		1972

PETROLEUM ENGINEERING / FINANCIAL ANALYTICAL SKILLS ³

Project Economics	Material Balance	Petrophysics
Pressure Transient Analysis	Exploration Economics	Production Economic Analysis
Nodal Analysis	Economic Modeling	Oil, Gas & Condensate Reserves
Integrated Reservoir Management	Completion Design	Production Log Analysis
Water Flooding	Development Planning	Decline Curve Analysis
Capital Asset Pricing Model	Risk Analysis	Financial Accounting Analysis
Statistics	Entity Cash Flow	Investment Portfolio Allocation

BUSINESS EDUCATIONAL CURRICULUM

Economics For Business Decisions	Legal Environment of Business	International Marketing
Financial And Managerial Accounting	Management Control Systems	Corporate Finance
Individual & Organizational Behavior	Managing Information Technology	Management of Enterprise
Income Tax And Business Decisions	Fundamentals of Marketing	Investment Management
Financial Intermediaries & Markets	International Financial Management	Russian Language

COMPUTER SKILLS ⁴

Crystal Ball	@Risk	Paradigm Geophysical	Petrel (Schlumberger)
MS Excel	MS Access	MS Word	MS Project
UNIX	FORTRAN	Visual Basic	MS Power Point
GeoQuest - GeoFrame	ELAN	PETROLOG	HTML
Eclipse 2004, 2006	C++	Visual Basic	MBAL

INTERNATIONAL LOCATIONS / AREAS / WORK ASSIGNMENTS

Zhanjiang, Peoples Republic of China	Paris, France	Barbados, British West Indies
Manila, Philippines	Quito, Ecuador	London, England, U.K.
Beijing, Peoples Republic of China	Sydney, Australia	Aberdeen, Scotland, U.K.
New Plymouth, New Zealand	Cairo, Egypt	Accra, Ghana, West Africa
Hong Kong, Hong Kong	Jakarta, Indonesia	Diyarbikar, Turkey
Ankara, Turkey	Almaty, Kazakstan	Kuala Lumpur, Malaysia
Dhahran, Saudi Arabia	Paraiso, Mexico	Miri, Sarawak, Malaysia
Luanda, Angola		

³ N.B. skills include but are not limited to these

⁴ Ibid
