

CURRICULUM VITA (ET STUDIORM)

Personal Data

NAME: Ahmed Abdelaziz Ibrahim

MARITAL STATUS: Married

DATE OF BIRTH: October-21st, 1972

Military Service: Done

CITIZENSHIP: Sudanese

Telephone: +249-122450233



Objective

To obtain a challenging and creative position as an Oil field Engineer, that will allow me to provide a meaningful contribution to the Organization, utilizing my acquired knowledge and skills in the field of Oil Drilling Engineering.

Education

Bachelor Degree in Petroleum Engineering, Sudan University of Science & Technology, Khartoum, Sudan, 5 years, graduated: June-6, 1996

Master of Engineering, China University of Geosciences, Wuhan, China, 4 Years, graduated: June – 2002.

PHD, China University of Geosciences, Wuhan, China, 3 Years, June – 2005.

Work Experience & Training Courses

August-2005 to present:

Assistant professor at Sudan University of Science and Technology – Faculty Petroleum Engineering and Technology.

September-2001 to October-2003:

- ✓ Rig Manager at No.1 Drilling Company-LiaoHe Petroleum Exploration Bureau.

January to March 2002

✓ Technical Assistant (Drilling Technology and Rig Maintenance) No.1 Drilling Company of LiaoHe Petroleum Exploration Bureau: As under training in Oil and Gas Training Institute in the field of Drilling and Rig maintenance. During my training, I have involved in Technical and Methods of Deviation Control Mechanism, While Drilling Measurements and Automated Steering.

July to September 2000

✓ Technical Assistant (Drilling Technology and Rig Maintenance) No.1 Drilling Company of LiaoHe Petroleum Exploration Bureau: As under training in Oil and Gas Training Institute in the field of Drilling and Rig maintenance. During my training, I have involved in A Comprehensives Drilling Planning/Actual Optimizing Mathematical Models.

July-2000

✓ During Field attachment (30 days) at China National Petroleum Operation Company-Research Center Beijing-China, I have worked under the supervision of a Senior Drilling Engineer.

April-1998:

✓ Teaching Assistant (Drilling Technology and Rig Maintenance) Sudan University of Science And Technology, Sudan: As under training in Oil and Gas Training Institute in the field of Drilling and Rig maintenance. During my training, I have studied the following basic Drilling courses:

- Introduction to Petro-industry (one week), Rig and its components (one week), Introduction to drilling operations (two weeks), H₂S awareness (one week), Safety at Rig (one week), Mechanical maintenance of Rig components (two weeks), Assistant Driller Plant (two week), Drilling Operations (two week).

- During Field attachment (45 days) at Heglig oil field, I have worked with Schlumberger Directional Drillers and Fishing Engineers.
- During Field attachment (30 days) at Unity oil field, I have worked with State Company (Canadian) under the supervision of a Senior Drilling Engineer.

Seminars

✓ **Geotechnique drilling engineering technology, China**

I have attended One week Seminars on skills in supervision and introduction to ISO-9000 at Geotechnique engineering, China. During these seminars, I have attended several lectures of experienced personnel's and the complex to analyze and planning the oil and gas exploration and field development.

Publications

First Author:

1. "New Trajectory Control Directional MWD Accuracy Prediction and Wellbore Positioning Method", published in the American Journal of Applied Science (AJAS), Official Publication of The American Network for Scientific Information (ANSI-USA), 2005, Vol. 2, No. 3, PP: 711-718.

2. "Trajectory Control: Directional MWD Inversely New Wellbore Positioning Accuracy Prediction Method", published in the China University of Geosciences Journal, December-2004, Vol. 15, No. 4, PP: 425-433.

3. "Sudan Unity Oil Field Formation Force and Bit Profile Effects on The Well Trajectory", published in the Journal of Applied Science (PJAS), Official Publication of The Asian Network for Scientific Information (Pakistan), January-March Issue, 2004, Vol. 4, No. 1, PP: 58-63.

4. "Drilling Mechanics: Consequences and Relevance of Drill String Vibration on Wellbore Stability", published in the Journal of Applied Science (PJAS), Official Publication of The Asian Network for Scientific Information (Pakistan), January-March Issue, 2004, Vol. 4, No. 1, PP: 106-109.

5. “Experimental Study Optimizing Hole Cleaning-Cutting Transport in Oil Drilling Engineering”, published in the China University of Geosciences Journal, June-2003, Vol. 14, No. 2, PP: 182-189.

6. “A High Mathematical Model Optimizing Cuttings Transport in Oil Drilling Engineering”, published in the China University of Geosciences Journal, September-2001, Vol. 12, No. 3. pp. 276-278.

7. “Application Study of Bit Selection, Bit Weight and Rotary Speed in Sudan”, published in the Proceedings of Applications and Development of Geo-drilling and Tunneling Technology in Resource, Environmental and Construction Conference, May-2001, pp. 198-201.

Second Author

1. “Optimization of Field Development Scheduling East Unity Oil Field, Sudan”, published in the American Journal of Environmental Sciences (AJES), Official Publication of The American Network for Scientific Information (New York-USA), 2005, Vol. 1, No. 1, PP: 29-33.

2. “Optimization of the Production Scheme in East Unity Oilfield (Sudan) Using Reservoir Simulation Study”, published in the China University of Geosciences Journal, June-2004, Vol. 15, No. 3. pp. 51-56.

3. “Development Plan of East Unity Oil Field, Sudan, Using Reservoir Simulation Study”, published in the China University of Geosciences Journal, September-2002, Vol. 13, No. 3. pp. 248-251.

Computer Skills

COMPUTER LANGUAGE: Basics of C-language.

SOFTWARE: Most of the drilling technical programs (LandMark, Moher, Well Designer and Planer and 3D3Planner, etc...), Golden software (Surfer & Grapher), Photoshop, Corel draw, 3D designing programs, MS-Word, MS-Excel, MS-PowerPoint, and Windows 95/98/2000/XP.

Languages

ENGLISH: Speaking, Writing and Reading (Well)

Arabic : Speaking, Writing and Reading (Good)

Chinese : Speaking, Writing and Reading (Well)

Important Subjects of Studies

- Hydraulic, Machinery, Mechanics of Materials, Mechanics of Machines, Industrial Electronics, Machine Design, Instrumentation and Control, Production and Operations Management.

- Drilling fluid hydraulics technique, Oil drilling optimization, Drilling machinery and instruments design.

- Drilling Mechanical, Internal Combustion Engines and Power Plants, Quality Control and Management, Operation Research.

- Drilling path control, Deviation control, Measurement While Drilling (MWD), Logging While Drilling (LWD) and the Formation Evaluation While Drilling (FEWD) in the scientific drilling, the oil fields exploration and practice for various use.

Institutional and Professional Service

- Member of the Petroleum Technology and Engineering Committee, SUST-PTE, 2006 to present.
- General Science Section Head, SUST-PTE, 2007 to present.
- Member of the Assessment and Accreditation Committee, SUST-PTE, 2007 to present.
- Member of the Admission and Registration Committee, SUST, 2007 to present.
- Member of the Senate, SUST, 2007 to present.

Areas of Involvements and Interests

- Drilling Eng. Tech., Maintenance, Management, Sales and Marketing.
- Enjoy Outdoor Activities, traveling.
- Keep up with latest drilling engineering technology developments.
- A self-motivated person with need for achievements and flair to rise in life.
- Pleasing and easy-to-get with the type of personality.

