



HTK Consultants, Inc.

RESUMÉ

NAME: JEFFREY R. HUGHES
BIRTH DATE: August 19, 1953
CITIZEN OF: U.S.A.

EDUCATION:

- Civil Engineering Studies - Georgia Institute of Technology - Atlanta, GA (1971 - 1973)
- B.S. in Petroleum Engineering - Louisiana State University - Baton Rouge, LA (1976)

SPECIAL SCHOOLS/ SOCIETIES:

- Well Control Schools (MMS Approved) - (1976 to Present)
- Floating Drilling School - Sig Harris - (1978)
- Drilling Fluids School - Magcobar Mud Company - (1978)
- Engineered Completions School - Schlumberger - (1983)
- Tubing Conveyed Perforating & Completions School - Welex - (1986)
- Member of SPE, API, IADC, AADE, and IPAA
- Registered Professional Engineer, Texas (No. 50982)
- Professional Engineer-in-Training, Louisiana (No. T-5019)
- Past President – American Association of Drilling Engineers – Houston Chapter
- Current Treasurer - American Association of Drilling Engineers – Houston Chapter
- Current President - American Association of Drilling Engineers – National Chapter
- Current Secretary/Treasurer – LSU-Houston PetroTigers Alumni Group

OILFIELD EXPERIENCE: (1976 to present) 37 years

- **President - HTK Consultants, Inc.**
Domestic and International (1991 - present)

Started petroleum engineering consulting firm offering wellsite supervision as well as in-house consulting engineering services to the oil and gas industry. Currently employ over 60 wellsite consultants and petroleum engineers with annual revenues of over \$15MM. Current clients include Anadarko, Apache Corporation, BP, Common Resources, EOG Resources, Forest Oil, Hilcorp, Husky Oil (China), and Wagner Oil Company. Personal accomplishments include representing the United Nations as their Chief Technical Advisor to improve drilling efficiency in the Tarim Basin of the People's Republic of China in 1991. Designing and fabricating a cuttings slurrification unit for On Site Disposal Systems, Inc. of Houston to dispose of oil-base drill cuttings down the annulus in 1992. Serving as consultant to Elf Aquitaine on the semi-submersible SEDCO 701 to advise and oversee jetting in 30" drive pipe in 600' of water offshore Congo in 1993. Designing and fabricating subsea netquads and templates in 1994 for HTK clients working in the Gulf of Mexico and New Zealand. Company accomplishments include providing office and field staff support for startup companies in the Gulf of Mexico including General Atlantic Resources, Basin Exploration, Barrett Resources, Spinnaker Exploration, F-W Oil, and Sterling Energy.

- **Drilling Superintendent - Greenhill Petroleum Corporation**
Texas, Louisiana, and New Mexico (1990 - 1991)

Supervised drilling operations for both onshore and offshore Louisiana as well as Texas and New Mexico. Completed the drilling of 45 wells in the first six months of Greenhill's 1991 fiscal year including a 14,000' high pressure gas well in Wharton County, Texas.

- **Drilling Manager - Pelto Oil Company**
Texas, Louisiana, Oklahoma, New Mexico, and Alabama (1984 - 1989)

Responsible for Pelto's drilling operations for both onshore and offshore Texas and Louisiana as well as land operations in New Mexico, Oklahoma, and Alabama. Planned and executed the drilling of 36 wells in 1988 with on-site supervision provided by contract drilling supervisors.

- **Drilling Superintendent - Texoma Production Company**
Texas and Louisiana (1981 - 1983)

Supervised Texoma's drilling operations both onshore and offshore Texas and Louisiana. Specific projects included installation of 21 conductors on a mudslide platform in Main Pass Block 151, supervising the drilling of relief well, and killing and capping of a blowout at South Marsh Island Block 95. Participated as a member of the "People-to-People Petroleum Engineering Delegation" chosen to go to the People's Republic of China in August, 1983. While there, presented a paper on "Abnormal Pressure Detection" to Chinese counterparts.

- **Drilling Engineer/ District Drilling Engineer - Placid Oil Company**
Louisiana and Texas Gulf Coast (1976 - 1981)

After graduation from LSU, worked in the office and in the field monitoring drilling operations both onshore and offshore Louisiana on land rigs, inland barges, jack-ups, drillships, and semi-submersibles. Office work included well planning, casing design, tubing design, preparing drilling and completion procedures, and updating Placid's operations manual. Was eventually transferred to Texas to plan and supervise the drilling and completion of seven deep wells in Austin County and Colorado County ranging from 15,000' to 25,000'.

TYPE OF RIGS WORKED ON:

Land	Jackups	Semi-submersibles
Inland barges	Drillships	Platform rigs

POSITION QUALIFICATIONS FOR CONSULTING WORK:

Drilling Supervisor	Drilling Manager	Drilling Engineer	Project Manager
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ADDITIONAL:

Deep (25,000 ft) and High Pressure Well Experience
High Angle/Extended Reach Drilling Experience
Horizontal Drilling Expertise
Design and Fabrication of Downhole Fishing Tools
Design and Fabrication of Subsea Templates and Guides