Grace Fitzgerald

Wells Engineer

Wells engineer with 5 years in Gulf of Mexico shelf and deepwater wells, covering well design, well integrity, workover planning and plug and abandonment. Writes BSEE permits and procedures for rig and liftboat campaigns and has delivered 45+ well operations with no recordable incidents.

grace.fitzgerald@email.com

(504) 555-0161

New Orleans, LA

linkedin.com/in/gracefitzgerald

Experience

Wells Engineer

03/2024 - Present

Crescent Deepwater Energy — New Orleans, LA

Offshore operator with platform and subsea wells in Mississippi Canyon and Green Canyon.

- Plan well design and casing design for **6** deepwater sidetracks and 3 new wells in Mississippi Canyon.
- Manage well integrity surveillance for 48 subsea and platform wells, closing 15 annulus pressure cases.
- Write BSEE permits for drilling and well modifications, with approvals averaging 18 days.
- Facilitate risk assessment workshops with rig and service partners before each operation, logging 0 well control events.

Junior Wells Engineer

07/2021 - 02/2024

Delta Shelf Petroleum — Houma, LA

Shelf operator running plug and abandonment and workover campaigns on 120 wells.

- Wrote plug and abandonment procedures for **34** shelf wells, finishing the program $3.1M under budget.
- Developed workover planning packages for 12 liftboat jobs, including wireline and coiled tubing scopes.
- Recorded daily costs and rig time in Microsoft Excel for 2 campaigns and 5 vendors.
- Inspected 20 wellheads with field crews and updated barrier diagrams for each well.

Engineering Intern

05/2020 - 08/2020

Gulf Coast Offshore Services — Lafayette, LA

Summer internship with an offshore well services contractor.

- Built a well control equipment inventory of **300** items across 4 liftboats.
- Drafted 10 job safety analyses for wireline and pumping work with crew leads.
- Logged pressure test charts for 15 wellhead and BOP tests on 2 liftboat jobs.

Skills

- Well Design
- Well Integrity
- Casing Design
- Workover Planning
- Plug and Abandonment
- Well Control
- Risk Assessment
- BSEE Permitting
- Microsoft Excel
- Teamwork

Education

Bachelor of Science

05/2021

Tulane University

New Orleans, LA

Mechanical Engineering

Certificates

IADC WellSharp Supervisor Level

10/2024

International Association of Drilling Contractors