



Western Texas College Foundation INSPIRE Program

Completed applications must be received on or before the due date (October 14, 2022) to the WTC Foundation located in the Workforce Training Center (Building 15) OR via email to foundation@wtc.edu. Applicants are encouraged to submit all necessary documents as soon as possible to assure that a last minute delay will not preclude consideration for a program award.

1. APPLICANT INFORMATION

FIRST NAME: Dana LAST NAME: Fahntrapp
DEPARTMENT: Petroleum Technology TITLE: Petroleum Tech
EMAIL ADDRESS: dfahntrapp@wtc.edu PHONE: (361) 574-7904

2. PROJECT

Project Name: Table for working Pumping unit w/ downhole tools
Fund Amount Requested: \$ 4400.00

Amount of funding from other sources for project: \$ 0

Have you applied for funding before from the Western Texas College Foundation? YES NO

If yes, for what project and how much did you receive? Fall 2018 - Simbrics 15000, Spring 2018 Observatory Slab, Fall 2019 Great Illustration expansion 4000, Spring 2020 fall off observatory Slab.

Project Abstract (In the space below, please provide a one to two sentence description of project):

This model will provide our students a clear vision of how a pumping unit uses a downhole pump to draw hydrocarbons from well bore and up the annulus of wellbore.

3. PROJECT PROPOSAL

Please prepare a project proposal (no longer than 2-3 pages) that includes the items listed below. Additional pages may be included to provide supporting documentation if needed.

A. Description

- Provide a detailed description of the proposed activity or program
- Outline how completion of the proposed activity will benefit students, the department, division or the institution. Is there a community benefit?

- c. Detail the implementation plan.
- d. Explain how the activity or program will be evaluated.
- e. If applicable, list the equipment and materials needed to complete the project.
- f. If the amount requested does not fully fund the project, what other sources of funding are available?

B. Expenses

- a. Outline all *proposed* expenses. Be specific. The Western Texas College's policy on reimbursable expenses applies to all actual expenditures, e.g. travel, supplies, etc.
- b. Please inform the Western Texas College Foundation of any other sources of funding available for this proposal.
- c. If awarded, you will need to provide copies of all receipts for approved expenditures.

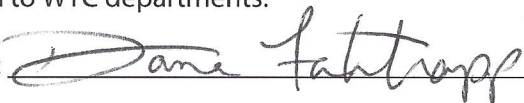
I understand and agree to the following provisions:

- 1. Ownership of materials produced as a result of this award will be in accordance with current policies of Western Texas College.
- 2. In addition to the final report, if applicable, I will provide Western Texas College Foundation with one complete copy of all materials produced.
- 3. I agree to present my project or report to the Western Texas College Foundation Board, if requested.
- 4. The expenditure of funds and request for reimbursement must be in the same fiscal year.
- 5. **Approved funds must be used within same fiscal year as designated by terms of award.**

CERTIFICATION

Applicant Signature:

My signature below certifies that the information provided in this application is accurate and complete to the best of my knowledge. I authorize Western Texas College Foundation to release any information contained in this application to WTC departments.

Signature: 

Date: 10/11/2022

Supervisor Signature:

Signature: 

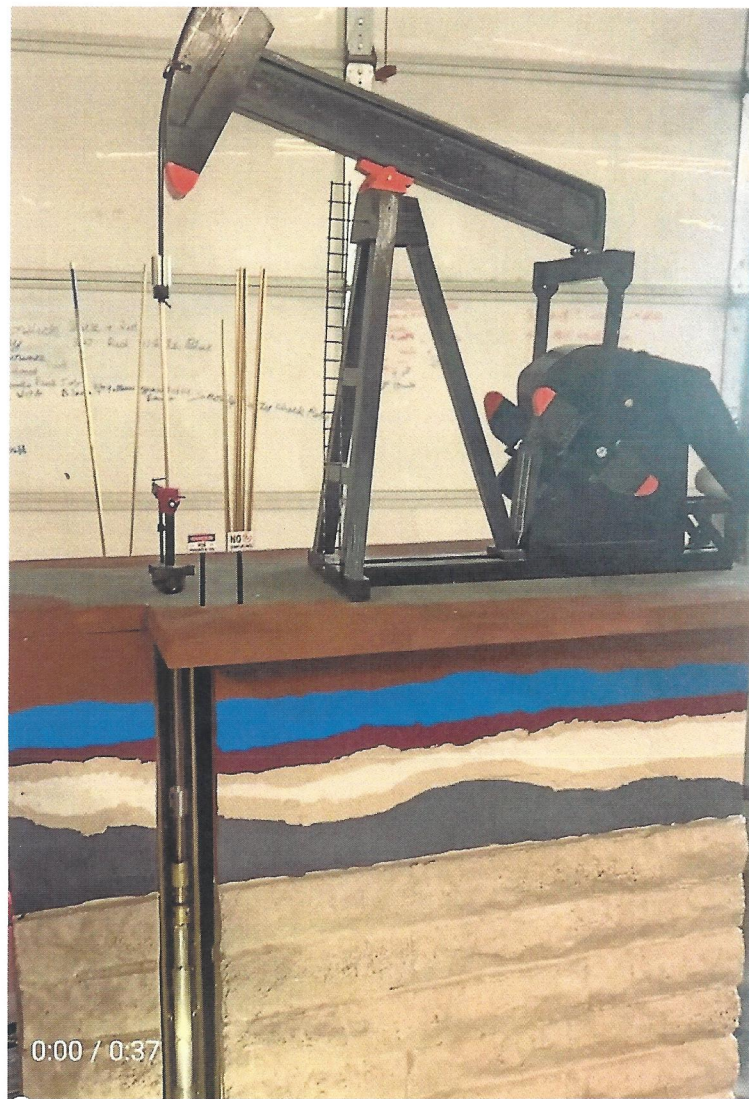
Date: 10-12-22

Administrator Signature:

Signature: _____

Date: _____

This tabletop model will allow the student to directly see how the pumping units lift the rods to pull hydrocarbons out of a wellbore. Students will be able to see how the downhole pump works by drawing in fluids and extracting them through the top of the pump to travel up the annulus to be produced. This unit connects the more common surface equipment to downhole operations, typically not able to be seen. The construction time for this model to be fully built is about 2 months. Not only will the students be able to identify the components of a pumping unit and lubrication joints but furthermore be able to explain how a pumping unit pulls hydrocarbons from a wellbore. Students can identify the components of the downhole pump that is used to extract the fluids. And lastly, most importantly I believe, the students will visually get to see how the fluid flows through the downhole pump and then up the annulus.



QUOTE



DATE
10/4/2022

Baugh's Oilfield Toys
323 N. Short Ave.
Drumright, OK 74030
918.625.5295

Quoted To

Dana Fantrap
X Torc Energy Services

Quote #
2022 - 255

Ship to:
Will be
delivered
in Person

JOB	SHIPPING METHOD	SHIPPING TERMS	DELIVERY DATE	PAYMENT TERMS	DUE DATE
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N/A

N/A

QUANTITY	ITEM #	DESCRIPTION	UNIT PRICE	SHIPPING	LINE TOTAL
1		SCALE MODEL PUMPING UNIT 120 VOLT WITH DOWN HOLE PUMP AND FORMATION ROCK BOX AND OIL RESIVOR	\$4000	\$400	\$4400

Total Discount

Total \$4400.00

Due 14th