



TEAM  
**SNUBBING**  
INTERNATIONAL



Petroleum  
Equipment &  
Services, Inc.

# TSI-101

Snubbing Operations.  
P & A  
Work over.  
Through tubing.  
Fishing.  
Milling.

On land or Off shore.

## Key Advantages

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- Compact footprint
- Reduced loads
- Efficient trip times
- ESG awareness integration
- Competent crewing and leadership
- Robust management system
- Advanced performance monitoring



## Pressure Tests, Kill & Bleed Off Systems

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- Test pump & fluid for testing
- Pump, bleed off tank & lines
- Complete certified iron packages inclusive of coflex hoses
- Kill pump and fluid management options

## Well Control

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- 6 station closing unit with backup and remote panels located in work basket
- Snubbing packages available
- Extensive secondary (snubbing) accumulator system integral
- Extensive primary bop system and accumulator support packages
- 7-1/16" to 13 5/8" stack designs
- Shear ram included in all stack designs for 7 1/16" and 13 5/8" bops

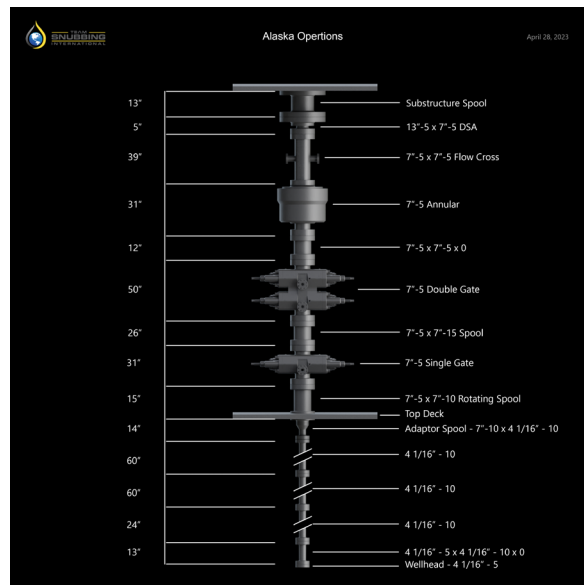
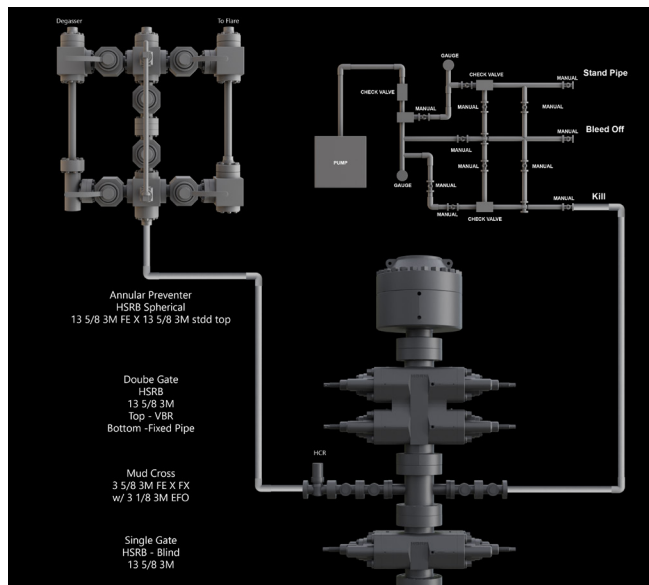


## Equipment Highlights

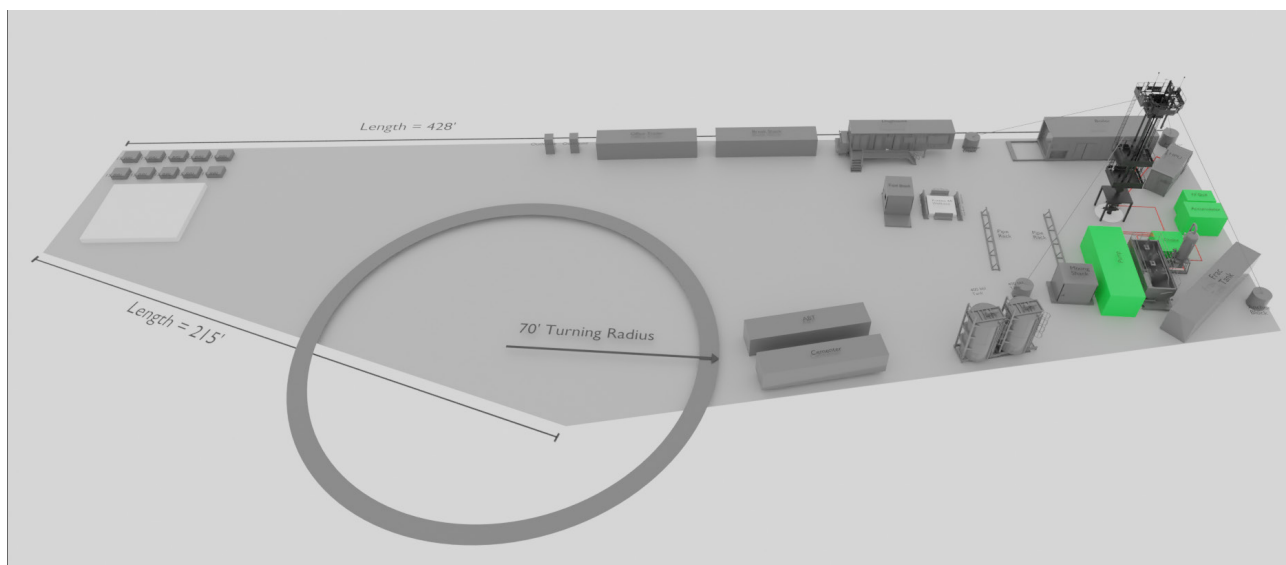
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- 340K Hydraulic Workover Unit/Snubbing Unit:
  - 12' stroke
  - 7 1/16" or 13-5/8" configurations available
  - Heavy duty capacity gin pole with counter balance winches
- Quinta plex 1000 HP Skid Mounted pump:
  - 3" x 6" stroke
  - 15,000 psi WP
- 13 5/8" x 10' Work window
- Serva SPM 600:
  - 3" x 6" stroke
  - 15,000 psi WP
- 460,000 lb rated substructure with staintowers
- Trailer mounted doghouse & generator
- Self contained fluid management system
- Skid mounted 'superchoke' manifold
- Degasser system

## Job/Project Planning



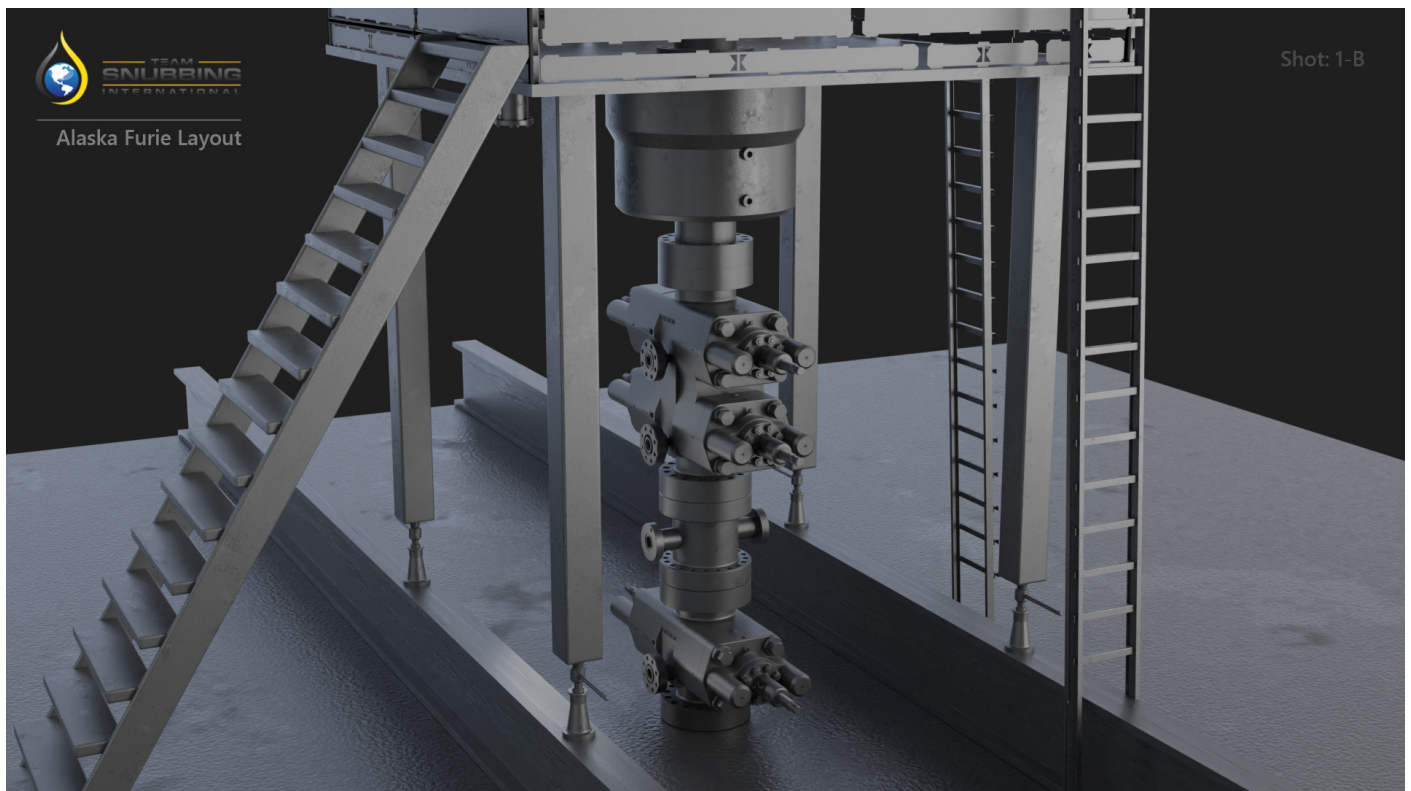
The initiative for proper planning and execution utilizes our internal representations of 3D imaging, P&ID and BOP stack rendering, and Site layout. These tools allow proper representation to our customers of end results for equipment placement and organization.



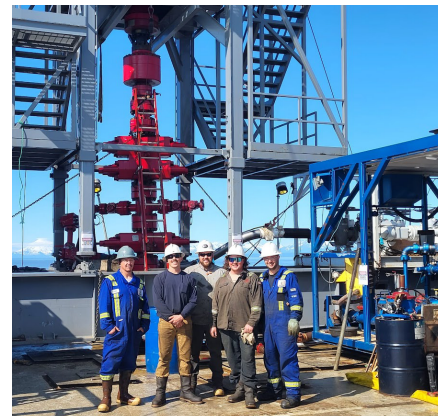
Diligent proactive work and CWOP (complete well on paper) discussion are integral to our operations. Reviews are completed with customer to ensure all planning necessary for a proper execution and successful end operation are achievable.



## Gallery - Renders



## Gallery - Jobsite





## Competency Training

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VR affords the operator the ability to develop skills which have direct application to real world operations. Trainers can create a competency training plan for operators by specifying the details of the work over to be completed. Make decisions on the design of the surface equipment required to complete the job. Pick tools from the catalogue to design the right BHA to complete the job.

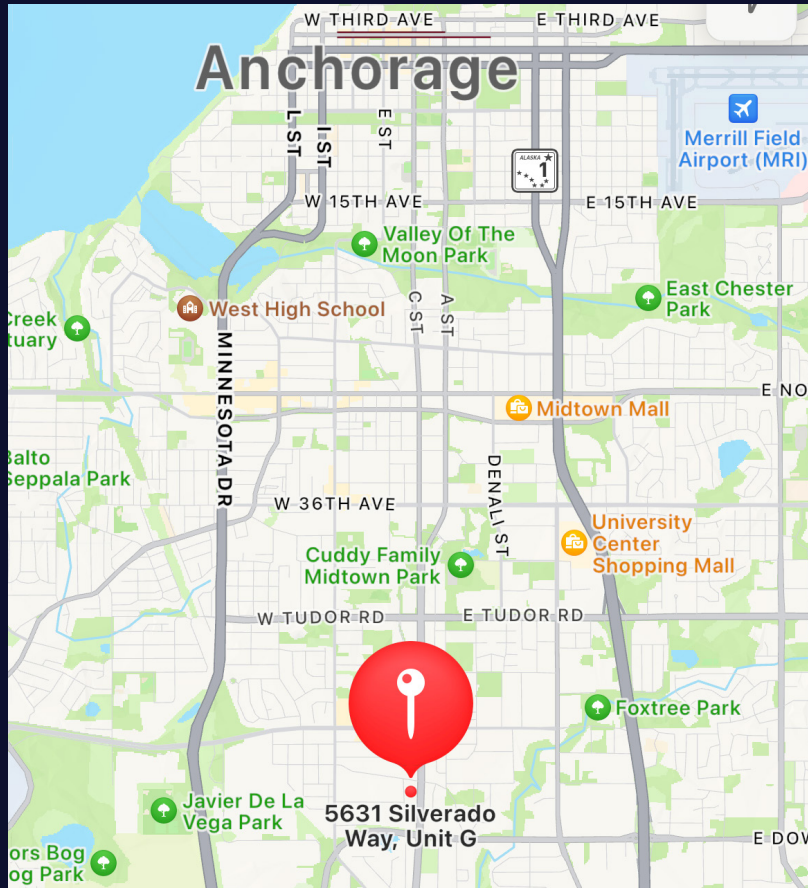
### **VR Equipment Package**

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- Operator's Panel
- Instructor's Panel
- Computer and VR System
- Snubbing Software



PESI Office:



We look forward in assisting you and being a contributing part of your successful operation!



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