

General Information

Design:	Self-Contained Platform Drilling Rig
Builder:	AMFELS, Brownsville, TX
Year Built:	1996
Class:	Not Applicable (API)

Principal Dimensions

Drilling Envelope:	As currently configured reach is 70 ft x 12 ft
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Operating Parameters

Drilling Depth Rating:	25,000 ft
Design Criteria:	API – Purpose Rig Design

Maximum Allowable Loads

Static Hook Load:	850,000 lbs. (*)
Setback:	585,000 lbs. (*)
Rotary:	600,000 lbs. (*)

(*) Limited to Brutus TLP Design Basis

Storage Capacities

Fuel:	Provided by Brutus Platform
Drill Water:	Provided by Brutus Platform
Potable Water:	Provided by Brutus Platform
Liquid Mud:	1,430 bbl.
Bulk Mud / Cement:	6,000 ft ³ / Provided by Operator
Sack Material:	2,000 sacks

Power System

Main Power:	3 EMD 16-cylinder engines rated at 2,200 hp / EMD AB20-6 Generators rated at 1,550 kw
Power System:	5 bay Ross Hill SCR System
Emergency Power:	Provided by Brutus Platform

Hoisting Equipment

Cranes:	Provided by Brutus Platform
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Additional Data

Accommodations:	Operator Furnished (Total of 146 berths – 78 for rig personnel)
Helideck:	Provided by Brutus Platform Rated for: Sikorsky S-61N



Drilling Package

Drilling Equipment

Derrick:	NOV-DRECO 170' x 30' x 30' base with 14' x 14' top, and static hook load capacity 1,250,000 lbs.
Drawworks:	Continental Emsco C-3 rated at 3,000 HP
Rotary Table:	Oilwell A 49-1/2" with independent rotary drive
Top Drive:	Varco TDS-4S, 650 ton with PH-85 pipe handler
Crown Block:	NOV-Dreco, 1,250,000 lbs. (14-line string up maximum)
Traveling Block:	National, 650 ton (14-line string up maximum)
Mud Pumps:	3 x Gardner Denver PZ-11 triplex
Hook:	National, 650 ton
Shale Shakers:	4 x Derrick Cascade Shakers
Degasser:	1 x Swaco Vacuum Degasser (horizontal unit)

Well Control System

BOP:	1 x 13-5/8" Shaffer annular preventer, 5,000 lb. WP, H2S trim 1 x 13-5/8" Cameron Type "U", 10,000 psi WP double ram preventer, H2S trim 1 x 13-5/8" Cameron Type "U", 10,000 psi WP single ram preventer, H2S trim
BOP Handling:	2 DRECO, BOP handling overhead cranes with a rated capacity of 32 tons each

rev.05 May 22, 2019

Rig specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes.