

# RIG SPECIFICATION SHEET

## AD21



<b>Rig HP Rating</b>	3000 hp
<b>Rig Builder/Year</b>	Lee C Moore/1981
<b>Last Upgrade</b>	2021
<b>Cat IV Inspection Date*</b>	2016
<b>Load Rating</b>	1,555,000 lbs
<b>Nom. Depth Rating</b>	25,000 ft.
<b>Skidding Capable</b>	No
<b>Load Count</b>	93 excluding offices & camp
<b>Crane Required to Move</b>	Yes

MAST	
Make	Yes
Height	147 ft.
Static Hook Load	1,555,000 lbs
Drilling Line Size	1-1/2"

MUD PUMP(S)	
Make	Gardner Denver
Model	PZ 11
Max Input HP	1600 hp

TUBULARS	
Drill Pipe	(5-1/2" XD Grade - 15,000') (5-1/2" S Grade - 7,000') (4" - 10,000') (2-3/8" - 5,000')
HWDP	(6-5/8" - 15 jts (Shared)) (5-1/2" - 30 jts) (4" - 30 jts)
Drill Collars	(9-1/2" - 18 jts) (8-1/2" - 30 jts) (6-1/4" - 30 jts) (4-3/4" - 30 jts) (2-7/8" - 24 jts)

SUBSTRUCTURE	
Make	Lee C Moore
Floor Height	34' (including pony sub)
Clear Height	30'
Rotary Load Capacity	1,555,000 lbs
Setback Load Capacity	800,000 lbs

MUD SYSTEM	
Active (usable) Volume	1500 bbls (Total 4000 bbls)
Number of Tanks	7
Solid Control system	4 Derricks

ADDITIONAL EQUIPMENT	
BOP Handling system	50 Tons System, Ingersoll rand
BOP Torque Wrench	Yes
BOP Test Equipment	Yes
Floor Wrench	NOV, ST-80
Mechanized Catwalk	N/A
Wellsite Trailer(s)	As required
Main Camp Eng./Gen.	Caterpillar CAT D3412/ Caterpillar SR4

DRAWWORKS	
Make	National
Model	1625-DE
Horsepower Rating	3000HP

POWER GENERATION	
Engine	CAT 3512TA , 1321 hp
Generator	SR4
Voltage Rating	600
Power Rating	900 kW

TRAVELLING ASSEMBLY	
Traveling Block	HONG HUA - YC450
Load Rating	500T
Swivel	Contentental Emsco
Load Rating	650T

WELL CONTROL	
Annular Preventer	NOV Shaffer WC-SBOP
Pressure Rating, Size	10,000 psi, 13 5/8"
Ram Preventer	2 ea. Cameron Type "U" Double
Pressure Rating, Size	10,000 psi, 13 5/8"
Choke Manifold	SRI Energy
Pressure Rating, Size	10,000 PSI, 4-1/16"
Accumulator Unit	C-Automation Inc.

TOP DRIVE	
Make	National
Model	PS500A
Load Rating	500T
Max Drill Torque	50,239 ft.-lb
Breakout Torque	76, 725 ft.-lb

ROTARY /SLIP TABLE	
Table Opening Size	37 1/2"



\* Applies to Mast / Derrick and Substructure.