

# RIG SPECIFICATION SHEET

## AD46



<b>Rig HP Rating</b>	2000 hp
<b>Rig Builder/Year</b>	"NOV"/2014
<b>Last Upgrade</b>	<ul style="list-style-type: none"> <li>VFD (2019).</li> <li>Changing mud pumps (2018).</li> <li>Air compressor (2020)</li> </ul>
<b>Cat IV Inspection Date*</b>	2024
<b>Load Rating</b>	1,000,000 lbs
<b>Nom. Depth Rating</b>	19,000 ft.
<b>Skidding Capable</b>	No
<b>Load Count</b>	151 excluding offices & camp
<b>Crane Required to Move</b>	Yes

MAST	
Make	NOV Drecto
Height	157 ft.
Static Hook Load	1,000,000 lbs
Drilling Line Size	1-1/2"

MUD PUMP(S)	
Make	NOV
Model	FD-1600
Max Input HP	1600 hp

TUBULARS	
Drill Pipe	(5-1/2" XD Grade - 15,000') (5-1/2" S Grade - 7,000') (4" - 9,000')
HWDP	(6-5/8" - 15 jts) (5-1/2" - 50 jts) (4" - 50 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" - 26 jts)

SUBSTRUCTURE	
Make	NOV Drecto
Floor Height	35'
Clear Height	30'
Rotary Load Capacity	1,000,000 lbs
Setback Load Capacity	800,000 lbs

MUD SYSTEM	
Active (usable) Volume	1500 bbls (Total 4000bbls)
Number of Tanks	7
Solid Control system 3 Swacos, 1 Derrick	

ADDITIONAL EQUIPMENT	
BOP Handling system	100 Tons System, NOV
BOP Torque Wrench	Yes
BOP Test Equipment	Yes
Floor Wrench	Yes
Mechanized Catwalk	N/A
Wellsite Trailer(s)	As required
Main Camp Eng./Gen.	CAT 3412 / CAT SR 4B

DRAWWORKS	
Make	National
Model	ADS-10SD
Horsepower Rating	2000HP

POWER GENERATION	
Engine	CAT 3512B, 1435 hp
Generator	Baylor
Voltage Rating	600
Power Rating	1225 kW

TRAVELLING ASSEMBLY	
Traveling Block	NOV YC450
Load Rating	500 ton
Swivel	N/A
Load Rating	N/A

WELL CONTROL	
Annular Preventer	HMH (Hydril) GX Type
Pressure Rating, Size	10,000 psi, 13 5/8"
Ram Preventer	Cameron Type "U" Double - 2 ea
Pressure Rating, Size	10,000 psi, 13 5/8"
Choke Manifold	SRI Energy
Pressure Rating, Size	10,000 psi, 4-1/16"
Accumulator Unit	Cameron

TOP DRIVE	
Make	Varco
Model	TDS-11SH
Load Rating	500 ton
Max Drill Torque	51,000 ft-lb
Breakout Torque	75,000 ft-lb

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



\* Applies to Mast / Derrick and Substructure.