

RIG SPECIFICATION SHEET

AD31



Rig HP Rating	2000 hp
Rig Builder/Year	"NOV"/2005
Last Upgrade	2015
Cat IV Inspection Date*	2015
Load Rating	1,000,000 lbs
Nom. Depth Rating	19,000 ft.
Skidding Capable	No
Load Count	118
Crane Required to Move	Yes

MAST	
Make	NOV Drecto
Height	152 ft.
Static Hook Load	1,000,000 lbs
Drilling Line Size	1-1/2"

MUD PUMP(S)	
Make	HONG HUA
Model	HHF 1600HL
Max Input HP	1600 hp

TUBULARS	
Drill Pipe	(5" - 10,000') (4" - 16,000') (2-3/8" - 3,000')
HWDP	(5" - 60 jts) (4" - 80 jts)
Drill Collars	(9-1/2" - 12 jts) (8-1/2" - 30 jts) (6-1/4" - 30 jts) (4-3/4" - 30 jts) (3-3/8" - 15 jts)

SUBSTRUCTURE	
Make	NOV Drecto
Floor Height	38'
Clear Height	32'
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	4 Brandt

ADDITIONAL EQUIPMENT	
BOP Handling system	80Ton system Jiangsu Chengchuang
BOP Torque Wrench	Yes
BOP Test Equipment	Yes
Floor Wrench	Forum FH-100
Mechanized Catwalk	N/A
Wellsite Trailer(s)	As required
Main Camp Eng./Gen.	Caterpillat CAT 3456

DRAWWORKS	
Make	National
Model	E-2000
Horsepower Rating	2000 hp

POWER GENERATION	
Engine	Cat 3512, 1321 hp
Generator	BAYLOR,
Voltage Rating	600
Power Rating	1225 kW

TRAVELLING ASSEMBLY	
Traveling Block	HONG HUA YC450
Load Rating	500 t
Swivel	Emsco LB-400
Load Rating	400 t

WELL CONTROL	
Annular Preventer	NOV Shaffer WC-SBOP
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	MTQ
Pressure Rating, Size	10,000 psi, 4- 1/16"
Accumulator Unit	CAD

TOP DRIVE	
Make	Varco
Model	TDS 11SA
Load Rating	500 t
Max Drill Torque	37,500 ft.-lb
Breakout Torque	75,000 ft.-lb

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



* Applies to Mast / Derrick and Substructure.