

# RIG SPECIFICATION SHEET

## AD45



<b>Rig HP Rating</b>	1500 hp
<b>Rig Builder/Year</b>	CARE Industries/2013
<b>Last Upgrade</b>	2021 Catwalk Fast Moving System
<b>Cat IV Inspection Date*</b>	2023
<b>Load Rating</b>	500,000 lbs
<b>Nom. Depth Rating</b>	12,000 ft.
<b>Skidding Capable</b>	Yes
<b>Load Count</b>	111
<b>Crane Required to Move</b>	Yes

### MAST

Make	Care Ind.
Height	111 ft.
Static Hook Load	500,000 lbs
Drilling Line Size	1-1/4"

### SUBSTRUCTURE

Make	Care Ind.
Floor Height	28' (including Pony sub)
Clear Height	24'
Rotary Load Capacity	500,000 lbs
Setback Load Capacity	350,000 lbs

### DRAWWORKS

Make	Hong Hua
Model	JC40 DB
Horsepower Rating	1500 hp

### TRAVELLING ASSEMBLY

Traveling Block	1250-MCKNNEY MACHINE
Load Rating	500T
Swivel	N/A
Load Rating	N/A

### TOP DRIVE

Make	TESCO
Model	350 EXI
Load Rating	350 Tons
Max Drill Torque	30,000 ft-lb
Breakout Torque	45,000 ft-lb

### ROTARY /SLIP TABLE

Table Opening Size	37 1/2"
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### MUD PUMP(S)

Make	Hong Hua
Model	HHF-1600HL
Max Input HP	1600 hp

### MUD SYSTEM

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

### POWER GENERATION

Engine	CAT3512C, 1475 hp
Generator	KATO
Voltage Rating	600
Power Rating	1225 kW

### WELL CONTROL

Annular Preventer	HMH (Hydril) GK Type
Pressure Rating, Size	5000 psi, 13 5/8"
Ram Preventer	Cameron Type "U" Double & Single
Pressure Rating, Size	5000 psi, 13 5/8"
Choke Manifold	MTQ
Pressure Rating, Size	5000 psi, 3-1/8"
Accumulator Unit	CANSCO-CTI

### TUBULARS

Drill Pipe	(4" - 15,000') (2-7/8" or 2-3/8" - 5,000')
HWDP	(4" - 60 jts)
Drill Collars	(4-3/4" - 30 jts) (2-7/8" or 2-3/8" - 30 jts)

### ADDITIONAL EQUIPMENT

BOP Handling system	40 Tons System
BOP Torque Wrench	Yes
BOP Test Equipment	National
Floor Wrench	Yes
Mechanized Catwalk	N/A
Wellsite Trailer(s)	As required
Main Camp Eng./Gen.	CAT 3412 / CAT SR 4B



\* Applies to Mast / Derrick and Substructure.