

RIG SPECIFICATION SHEET

AD34



Rig HP Rating	2000 hp
Rig Builder/Year	Lee C Moore/1977
Last Upgrade	2017
Cat IV Inspection Date*	2017
Load Rating	1,300,000 lbs
Nom. Depth Rating	25,000 ft.
Skidding Capable	No
Load Count	118 excluding offices & camp
Crane Required to Move	Yes

MAST

Make	Lee C Moore
Height	152 ft.
Static Hook Load	1,300,000 lbs
Drilling Line Size	1-1/2"

SUBSTRUCTURE

Make	Lee C Moore
Floor Height	31 ft.
Clear Height	27 ft.
Rotary Load Capacity	1,300,000 lbs
Setback Load Capacity	800,000 lbs

DRAWWORKS

Make	National
Model	E-2000
Horsepower Rating	2000 hp

TRAVELLING ASSEMBLY

Traveling Block	LSPE YC450
Load Rating	500T
Swivel	Continental Emsco LB-500
Load Rating	500 t

TOP DRIVE

Make	Bentec
Model	TD-500-XT
Load Rating	500 t
Max Drill Torque	52,000 ft.-lbs
Breakout Torque	73,760 ft.-lbs

ROTARY /SLIP TABLE

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

Make	GARDNER DENVER
Model	PZ11
Max Input HP	1600 hp

MUD SYSTEM

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

POWER GENERATION

Engine	Cat 3512B, 1476hp
Generator	KATO
Voltage Rating	600
Power Rating	1225 kW

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	MTQ
Pressure Rating, Size	10,000 psi, 4-1/16"
Accumulator Unit	VARCO

TUBULARS

Drill Pipe	(5-1/2" XD Grade - 15,000') (5-1/2" S Grade - 7,000') (4" - 10,000')
HWDP	(6-5/8" - 15 jts (Shared)) (5-1/2" - 50 jts) (4" - 100 jts)
Drill Collars	(9-1/2" - 10" - 18 jts) (8-1/2" - 30 jts) (6-1/4" - 15 jts) (4-3/4" - 30 jts)

ADDITIONAL EQUIPMENT

BOP Handling system	100 Tons System, Ingersoll rand
BOP Torque Wrench	Yes
BOP Test Equipment	Yes
Floor Wrench	Manual
Mechanized Catwalk	N/A
Wellsite Trailer(s)	As required
Main Camp Eng./Gen.	Caterpillar CAT 3456



* Applies to Mast / Derrick and Substructure.