

RIG SPECIFICATION SHEET

AD42



Rig HP Rating	2000 HP
Rig Builder/Year	"NOV"/2013
Last Upgrade	2024
Cat IV Inspection Date*	2024
Load Rating	1,000,000 lbs
Nom. Depth Rating	19,000 Ft.
Skidding Capable	No
Load Count	135 excluding offices & camp
Crane Required to Move	Yes

MAST

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

SUBSTRUCTURE

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

DRAWWORKS

Make	National
Model	ADS-10SD
Horsepower Rating	2000HP

TRAVELLING ASSEMBLY

Traveling Block	LSPE YC450
Load Rating	500T
Swivel	N/A
Load Rating	N/A

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"
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MUD PUMP(S)

Make	NOV
Model	FD-1600
Max Input HP	1600 hp

MUD SYSTEM

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

POWER GENERATION

Engine	Cat 3512B, 1476 hp
Generator	Baylor
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	SRI Energy
Pressure Rating, Size	10,000 psi, 4-1/16"
Accumulator Unit	Cameron

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)

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.	Caterpillar CAT C18 / Caterpillar SR 4B



* Applies to Mast / Derrick and Substructure.