

**RIG # 50****ENSIGN ADR 100****GENERAL PARTICULARS**

Depth rating:	1300 m (4" DP)
Horsepower:	599 HP
Max. Hookload:	100,000 lbs
Upgraded:	2007

HOISTING UNIT

Type:	ADR 100
Drive Type	LP Hydraulic
Power source	Detroit Diesel Series 60
HP Rating	599 HP

MAST

Type:	Ensign ADR
Height:	23.1m (75ft 9")
Static hookload	100,000lbs
Max. torque rating:	27,000 Nm

SUBSTRUCTURE

Type:	Tandem Axle
Height:	4.3m (14ft 1")
Rotary Capacity:	100,000 lbs
Clear Working Height:	3.3m (10ft 10")

TOP DRIVE

Type:	Hagglunds CA-70 driven
Rating:	0 – 280 RPM
Torque:	12,900 ft-lb @ 3,000 psi

ROTARY BUSHING

Rating:	100,000 lbs
Opening:	17 ½ "

LIGHT PLANT POWER GENERATION

Gen Type:	Leroy Summer
Gen Rating:	305 kW
Engine Type:	Caterpillar C-7
HP rating:	300 HP

MUD PUMPS

Type:	Triplex TSM
HP rating:	750HP (x1)
Drive	Detroit Diesel 12V 2,000 or Detroit Series 60

SCR

Type:	N/A
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MUD SYSTEM

Active system capacity:	220 Bbl (35m ³)
Shale shakers:	1 x Swaco Mongoose Elliptical motion

BOP'S

Annular:	9" 3K Annular
BOP's:	9" 3K Double (1 pipe & 1 blind ram) or 9" 3K Single (X2)

SPECIAL FEATURES

Ensign Pipe Arm & Iron
Roughneck
Highly Mobile