

RIG #1AC EQUIPMENT



VFD

PRIME MOVERS:	(4) Bi-Fuel Generators
TOP DRIVE:	500 Ton Varco TDS-11SA
PRESSURE RATING:	7 500 Psi
DEPTH CAPACITY:	7 000 m
WALKING SYSTEM:	Headwater 360 Degree with 250' Umbilical Zipper System

Mast

Make:	R.A. Hodgson
Model:	M142-21-900
Type:	Cantilever
Hook Load:	400,000 daN w/12 lines
Clear Height:	43.30 m
Base Width:	6.58 m

Substructure

Make:	Alta North
Type:	Box on Box on Box
Casing Capacity:	333,600 daN
Setback Capacity:	333,600 daN
KB to Ground:	10.18 m
Clear Height:	8.54 m

Drawworks

Make:	Rigmaster E1600AC
Rating:	1600 HP
Powered By:	Ward Leonard 1600 HP

Mud Pumps (2)

Make:	Bomco
Model:	F1600
Powered By:	Ward Leonard 1600 HP
Power Rating:	(1 600 HP) 1 200 kw

Mud Tanks

Compartments:	7
Volume:	270 m ³

Premix Tank

Volume:	87 m ³
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Scalping Tank

Make:	JaCo
Trip Tank Volume:	6.28 m ³
Total Volume:	65.29

Shale Shakers (5)

Make:	King Cobra Hybrid
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Block

Make:	National 6-50-H350
Rating:	500 Tons

Top Drive

Make:	Varco TDS-11SA
Rating:	500 Tons

Preventer Stack

Size:	279 mm
Rating:	34,700 kPa

Engines (3)

Make:	Caterpillar
Model:	3512B Bi-Fuel
Generator Size:	1 225 kw

Engines (1)

Make:	Caterpillar
Model:	3508 Bi-Fuel
Generator Size:	1 050 kw

Boilers (2)

Make:	AESYS Technologies - 125 HP
Type:	Bi-Fuel

Combination Water and Fuel

Fuel Capacity:	48,400 Litres
Water Capacity:	62,000 Litres

ALL SPECIFICATIONS ARE RATED AT 100 %



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