

# RIG #1AC EQUIPMENT

## VFD

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

## Mast

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

## Substructure

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

## Drawworks

<b>Make:</b>	Rigmaster E1600AC
<b>Rating:</b>	1600 HP
<b>Powered By:</b>	Ward Leonard 1600 HP

## Mud Pumps (2)

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

## Mud Tanks

<b>Compartments:</b>	7
<b>Volume:</b>	270 m <sup>3</sup>

## Premix Tank

<b>Volume:</b>	87 m <sup>3</sup>
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## Scalping Tank

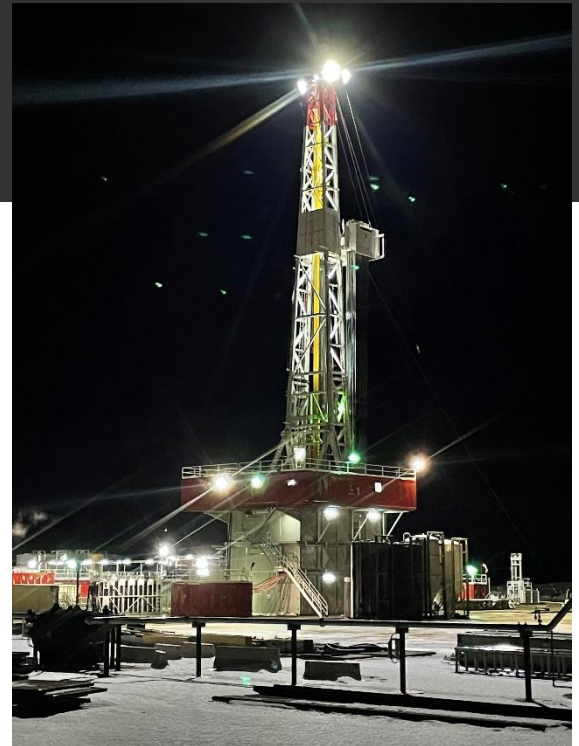
<b>Make:</b>	JaCo
<b>Trip Tank Volume:</b>	6.28 m <sup>3</sup>
<b>Total Volume:</b>	65.29

## Shale Shakers (5)

<b>Make:</b>	King Cobra Hybrid
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## Block

<b>Make:</b>	National 6-50-H500
<b>Rating:</b>	450,000 daN



## Top Drive

<b>Make:</b>	Varco TDS-11SA
<b>Rating:</b>	500 Tons

## Preventer Stack

<b>Size:</b>	346 mm
<b>Rating:</b>	70,000 kPa

## Engines (3)

<b>Make:</b>	Caterpillar
<b>Model:</b>	3512B Bi-Fuel
<b>Generator Size:</b>	1 225 kw

## Engines (1)

<b>Make:</b>	Caterpillar
<b>Model:</b>	3508 Bi-Fuel
<b>Generator Size:</b>	1 050 kw

## Boilers (2)

<b>Make:</b>	AESYS Technologies - 125 HP
<b>Type:</b>	Bi-Fuel

## Combination Water and Fuel Tank

<b>Fuel Capacity:</b>	41,170 Litres
<b>Water Capacity:</b>	65,000 Litres

ALL SPECIFICATIONS ARE RATED AT 100%