

DISCOVERY

Energy Services

COMPLETIONS AND WORKOVER RIG RIG DISCOVERY 7 SPECIFICATIONS BROCHURE



ISO 9001: 2008
ISO 14001: 2004
OHSAS 18001: 2007
BUREAU VERITAS
Certification



N° C0223270 / N° C0223271 / N° C0223272



HIGHLIGHTS

Name:	Discovery 7
Brand	Loadcraft
Power:	650 HP
Year:	2014
Double Drum:	Drawworks and Sandline Drums
Type:	Self-propelled Land Rig
Static Hook Load:	350.000 Libras
Drilling depth:	15.000 FT TUBING 3-1/2" 9,3#





CARRIER

CARRIER

Specifications	Data
Manufacturer	Loadcraft
Model	LCI- 650C
Brakes	Air brakes in all wheels
Steering	Hydraulic powered
Front axles	3
Rear axles	3
Headlights	Stop and taillights
Reflectors	Air horn
Cab	One man, washer and wiper
Mirrors	Two rear view mirrors





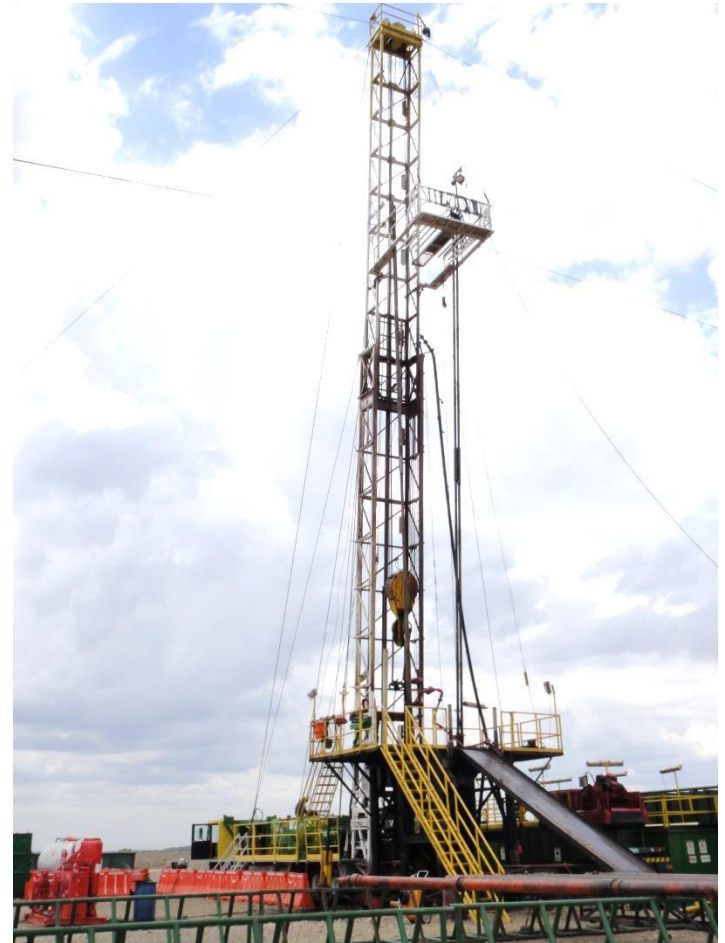
RIG DISCOVERY 7



MAST AND SUBSTRUCTURE

MAST

Specifications	Data
Manufacturer	Loadcraft
Model	108/350
Type	Telescoping double
Clear Height	108ft
Static Hook Load	350.000 Lbs
Drilling line size	1- 1/8"



MAST SUBSTRUCTURE

Specifications	Data
Manufacturer	Prodimetales
Year	2013
Type	Telescoping (Low boy)
Height	16ft
Capacity	350.000 Lbs
Clearance	12ft
Weight	12.000 Kg
Rotary Table:	IDECO 17-1/2" and 250 Ton

HOISTING EQUIPMENT

DRAWWORKS

Specifications	Data
Manufacturer	Loadcraft
Year	2014
Model	650/42-12, 42X12
Size	42 X 12"
Single line pull	42.500 Lbs
Shaft Diameter	6-1/2"
Horse power rating	650 HP
Drum Capacity	3260 ft, 1- 1/8" Wire rope



AUXILIARY BRAKE

Specifications	Data
Manufacturer	Parmac
Reference	202



HOISTING EQUIPMENT

SANDLINE DRUM

Specifications	Data
Manufacturer	Loadcraft
Model	42X8
Size	42 X 8"
Drum Capacity	14.400 ft of 9/16 Sandline

TRANSMISSION

Specifications	Data
Manufacturer	Allison
Model	CLT6061DB
Type	Automatic
Power shift	From cab and rear control



ENGINE

Specifications	Data
Manufacturer	Caterpillar
Model	CAT C18
Rating	650 HP @ 2100 rpm
Exhaust	With spark arrestor
Air compressor	Driven from engine
Emergency stop	High water temp, low oil pressure and overspeed emergency shutdown