

DISCOVERY

Energy Services

DRILLING RIG
RIG DISCOVERY 8
SPECIFICATIONS BROCHURE



ISO 9001: 2008
ISO 14001: 2004
OHSAS 18001: 2007

BUREAU VERITAS
Certification



N° C0223270 / N° C0223271 / N° C0232372



HIGHLIGHTS

Name:	Discovery 8
Brand	Triservices Manufacturing LTD
Power:	550 HP
Year:	2013
Type:	Land Rig
Static Hook Load:	280.000 Libras
Drilling depth:	7.000 FT DRILL PIPE 4"





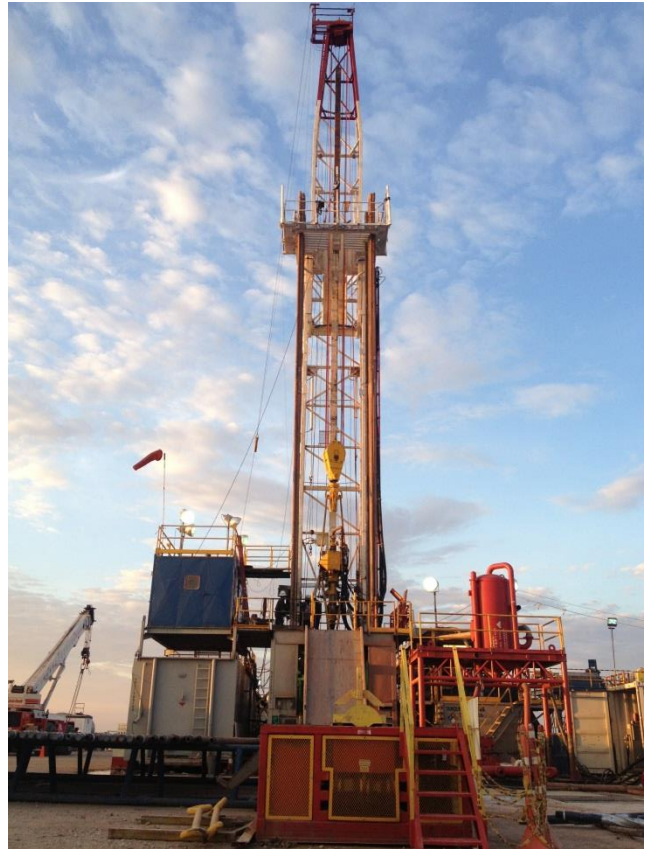
RIG DISCOVERY 8 DRILLING ANDALUZ 1 WITH TABASCO



MAST AND SUBSTRUCTURE

MAST

Specifications	Data
Manufacturer	Mastco Derrick
Model	102/280
Type	Telescoping double
Clear Height	102ft
Static Hook Load	280.000 Lbs
Drilling line size	1"



MAST SUBSTRUCTURE

Specifications	Data
Manufacturer	Mastco Cassidy
Year	2013
Type	Telescoping (Low boy)
Height	15ft
Capacity	250.000 Lbs
Clearance	12ft
Weight	12.000 Kg
Rotary Table:	IDECO 17-1/2" and 250 Ton

HOISTING EQUIPMENT

DRAWWORKS

Specifications	Data
Manufacturer	Triservices Manufacturing LTD
Year	1997
Model	A600
Torque	1.600 FT/LB
Horse power rating	550 HP
Drum Capacity	3260 ft, 1-1/8" Wire rope





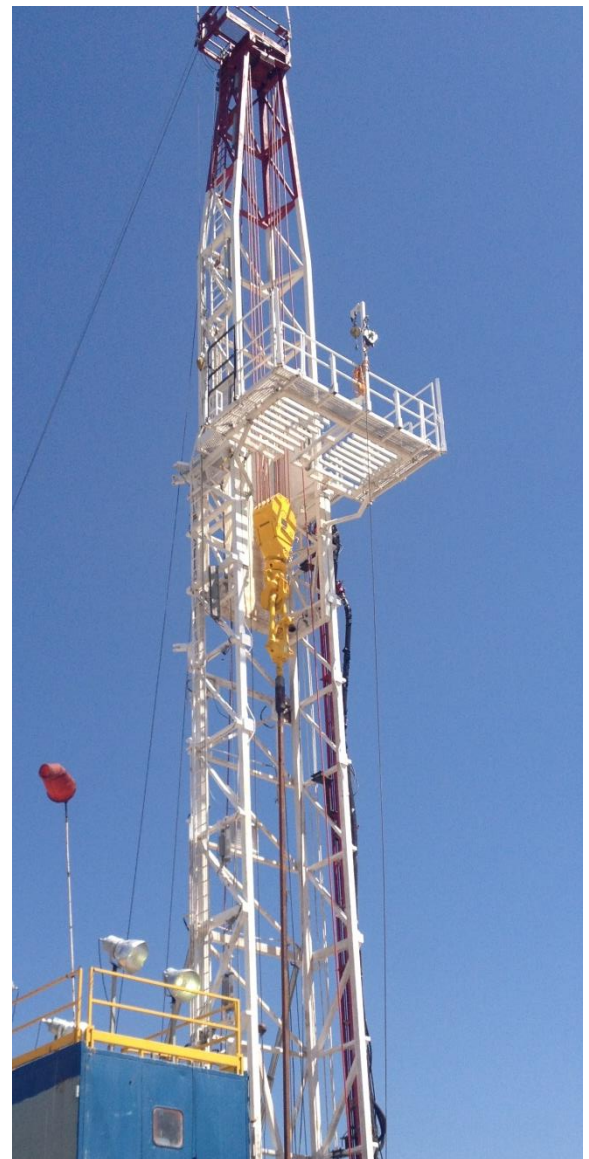
HOISTING EQUIPMENT

ENGINE

Specifications	Data
Manufacturer	Caterpillar
Model	CAT C15
Rating	540 HP @ 2100 rpm
Exhaust	With spark arrestor
Air compressor	Driven from engine
Emergency stop	High water temp, low oil pressure and overspeed emergency shutdown

TRAVELING BLOCK

Specifications	Data
Manufacturer	TFI
Type	Hook block
Reference	YG-150
Load capacity	150 TON
Sheaves	4 sheaves of 30"
Fail-safe brake	Included
Link elevators	150 TON, 8 ft

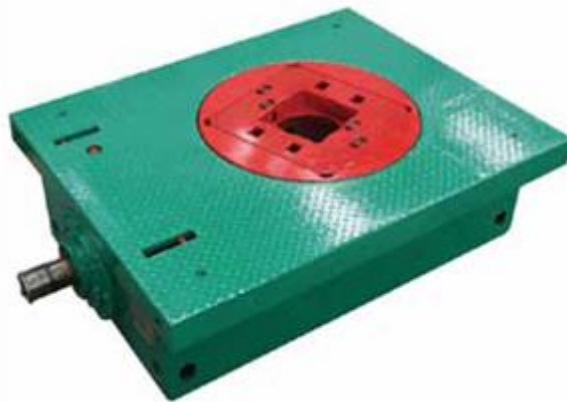




ROTARY SYSTEM

ROTARY TABLE

Specifications	Data
Manufacturer	BPMMP
Load capacity	250 Ton
Reference	ZP-445-4
Size	17-1/2"
Max speed	225 RPM



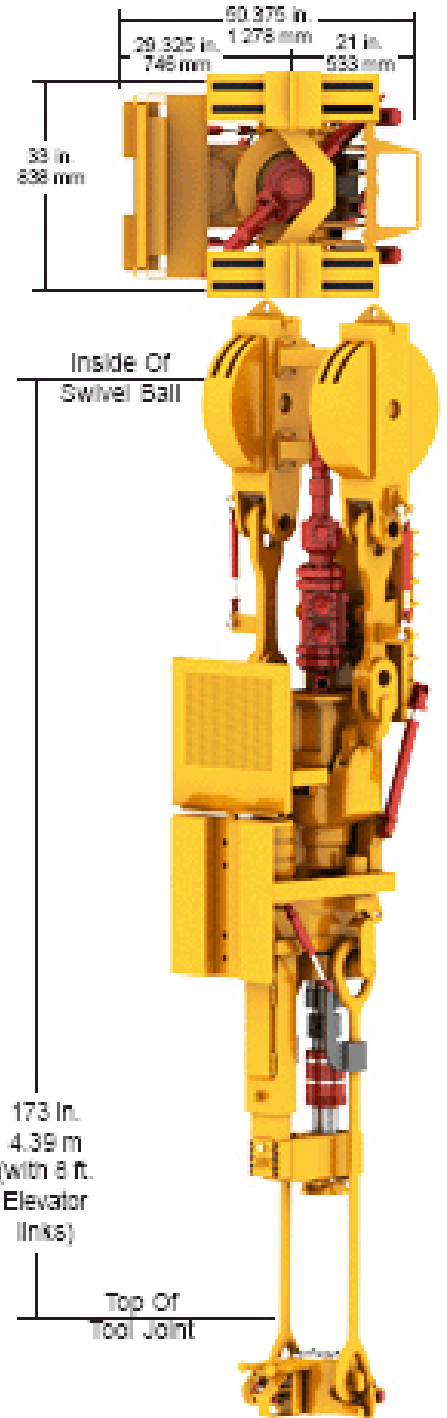
KELLY SYSTEM

Specifications	Data
Kelly type	Square 3-1/2" X 36ft
Bottom conexión	3-1/2 IF pin
Top conexión	6-5/8 Reg LH box
Kelly drive bushing	Square drive 17-1/2"
Kelly master Bushing	Included
Load capacity	150 TON
Size	17-1/2"
Max. Working torque	10.132 ft.Lbs
Max speed	300 rpm

ROTARY SYSTEM

SWIVEL

Specifications	Data
Manufacturer	TFI
Bottom conexion	6-5/8 Reg LH pin
Reference	TFI-150
Capacity	150 Ton
Rotating load capacity	90 Ton @ 100 rpm
Working pressure	4.500 PSI
Main bearing	Full apex roller
Fluid passage	3"
Rotary hose	3" X 5000 PSI (35ft)



TOP DRVIE

Specifications	Data
Manufacturer	TESCO
Capacity	250 Ton
Referecne	250 HMI 475
Rated power	475 HP
Max. Drill Torque	21,000 lb-ft
Make Up torque	21,000 lb-ft
Breakout Torque	23,000 lb-ft
Max Speed	170 RPM



CIRCULATING SYSTEM

MUD PUMPS

Specifications	Data
Manufacturer	BPMMP
Reference	BSF-1000 TRIPLEX
Liners	4-1/2 TO 6-1/2
Stroke length	10"
Engine	CAT 3508
Horse power rating	1000 HP
Max SPM	140 SPM





CIRCULATING SYSTEM

MUD TANKS

Specifications	Data
Qty	3
Capacity	200 BBL (TOTAL: 600 BBL)
Agitators	Yes
Centrifuge	2
Trip Tank	32 BBL
Pill tank	20 BBL
Mud mixing Hopper	Included





CIRCULATING SYSTEM

SHAKERS

Specifications	Data
Qty	2
Brand	MI-SWACO
Reference	SL II
Sreens Number	3
Tipo de motor	VMX18-8300



3X1

Specifications	Data
Qty	2
Brand	BRAND
Reference	LCM 2D
Sreens Number	3
Tipo de motor	2 Vibrators



WELL CONTROL SYSTEM*

ANULAR BOP

Specifications	Data
Manufacturer	Hydril
Size	11 X 5M
Top conexión	Studded
Bottom conexión	Flanged
Max. Working pressure	5000 PSI



RAM BOP

Specifications	Data
Manufacturer	Townsend
Size	11»X5M
Top conexión	Flanged
Bottom conexión	Flanged
Max. Working pressure	5000 PSI
Rams	Blind Rams and Pipe rams
Pipe rams	3-1/2 and 2-7/8

WELL CONTROL SYSTEM*

ACCUMULATOR UNIT

Specifications	Data
Manufacturer	Kommey
Bottles	10 for 11 Gal
Working pressure	3000 PSI
Pre-charge pressure	1000 PSI
Hydraulic pump	Triplex
Pneumatic pump	Included
Four way rotary valve	4
Pressure regulator	2
Electric system	Explosion proof

