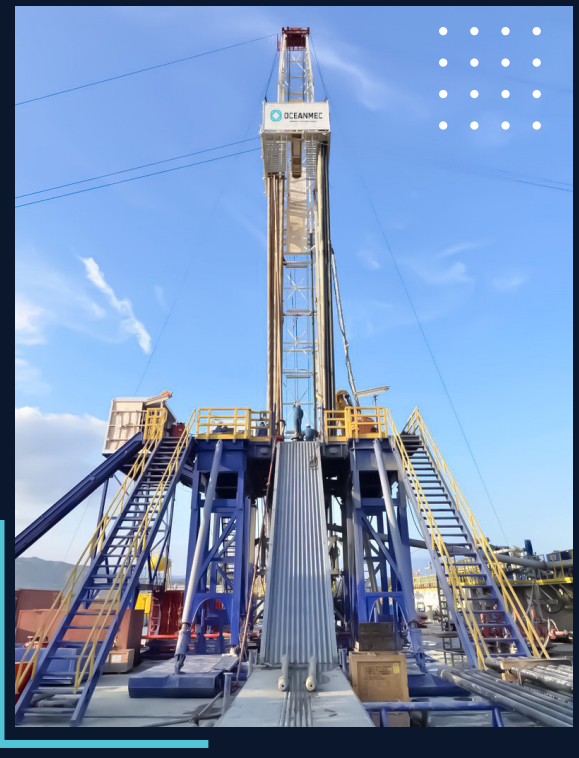




OCEANMEC

ENERGY INTERNATIONAL



DRILLING RIG ZJ40CZ

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GENERAL INFORMATION

Rig Name ZJ40DZ Trailer Mounted
Drilling Depth 4000 m w/4 1/2" DP
Year Of Construction 2014
Effective Height From Ground Level 39,3 m

MAST

Make Kerui
Type Two- Section Telescopic, Font Tilted
Setback Capacity on Racking Platform 4300 m w/ 4 1/2" DP, 6400 m w/ 3 1/2" DP

DRAWWORK

Make Kerui
Fast Line Pulling Force 320 MT
Groove Length x Diameter 1254 mm x φ635 mm
Brake Type Band Brake + Auxiliary Brake
Auxiliary Brake EATON WCB324 original from USA
Shift 5 Forwards and 1 Reverse

CROWN BLOCK

Make TC225 Kerui
Sheaves of Crown Block (Diameter) 225 Metric Ton Load Capacity

TRAVELLING BLOCK

Make YG250
Type 250 Ton Capacity

DRIVE GROUP

Engine Type Caterpillar / C18 Original From USA
Engine Power 2 x 630 HP

POWER SYSTEM

Power Generator
Make / Model CAT C15 ACERT Original from USA
Generator Rating 2 x 400 KW @ 50 Hz

Camp Generator
Make / Model Caterpillar
Generator Rating 250 KVA @ 50 Hz

TOP DRIVE

Make TESCO 250HIXM-700 Original From Canada
Pull - Up 250 MT
Top Drive Torque 21000 ft-lb
Power Unit 475 HP
Max Speed 170 RPM

CHOKE MANIFOLD

Size and Working Pressure 3 1/8" x 5000
Number of Valves 10
Choke Type Hydraulic (1 ea) - Manuel (1 ea)
Remote Drilling Choke Console
2 Digital Stroke Counter
Flexible Steel Hose 3" ID-30 Ft Long Flanged Connection
3 1/8" x 5000 Psi

KILL MANIFOLD

Size and Working Pressure 3 1/8" x 5000 Psi

ROTARY TABLE

Make Kerui
Max Opening 27 1/2"
Drilling Floor Height from Ground Level 7,2 m
Clear Height from Under Rotary Table 6 m

MUD SYSTEM & MUD PUMPS

Triplex Mud Pump
Make / Model Rongsheng/F1000
Desing Horizontal Desing as per API 7K
Rated HP 1000
Max. SPM 150
Max. Pres 5000 Psi
Max. Delivery 650 GPM
Piston Diameter Range 6 3/4"
Diesael Engine For Mud Pump
Make / Model Caterpillar / CAT 3512 Original from USA
Engine Power 2 x 1250 HP
Electric Motor 2 x 37 kW-400 V-50 Hz

Shale Shaker
Make Brandt / King Cobra
Quantity 2 ea
Electric Motor 400V - 50 Hz ex-proof
Mud Cleaner Brandt / King Cobra
Por Boy Degasser HLG5-1000/TSC
Vaccum Degasser HV-240/TSC
Stand Pipe & Rig Manifold Pres. 5000 Psi
Total Volume of Tank Capacity 1573 bbl
Volume of Trip Tank 63 bbl
Cooling Tower Karizma Enerji A.Ş.

WELL CONTROL EQUIPMENT

Annular BOP 21 1/4" - 2000 Psi
Annular BOP 13 5/8" - 5000 Psi
Double RAM BOP 13 5/8" - 5000 Psi
Single RAM BOP 13 5/8" - 5000 Psi
BOP Closing Unit 3000 Psi / 40 L x 16 Bottles (640 L)

DRILL STRING

Drill Pipe 3 1/2" or 4 1/2" or 5"
Steel Grade (Type) G-105
Total Quantity 4 1/2" - 3300 m
Range Length of Each Joint Range II
Pipe Body Weight 16,6 lb/ft
Tool Joint&Pipe Connection 4 1/2" XH (NC46) (for 4 1/2")
Min Tool Joint OD. 6 1/4" (for 4 1/2")
DP API Classification Premium
HWDP On Request as per Well Program
Nominal OD 4 1/2"
Quantity 12 ea
Range Range II
Tool Joint&Pipe Connection 4 1/2" XH (NC45) (for 4 1/2")
Min Tool Joint OD. 6 1/4" (for 4 1/2")
Equivalent API Specification Premium

OTHER EQUIPMENT

Swivel Bamco XLS225
Air System Sulair WS2210
Screw Air Compressor