



DESCRIPTION OF ZJ40-RIG#2

Rig Number:	2
Manufacturer:	SJPetro
Rig Horsepower:	1000 HP
Rig Type:	ZJ40 Truck-Mounted Drilling Rig
Drilling Depth:	4000 m (13,120') w/ 4 1/2" OD DP
Max. Capacity:	500,000 lbs (2,250 kN)
Drive Motors :	2 ea CAT C18 Motor – 630 HP– 470 KW
Disc Brake:	PSZ65D Hydraulic Disk Brake
Auxillary Brake:	EATON WCB324

DRAWWORKS

ZJ40 Truck-Mounted Drilling Rig

Nominal HP Input	1000 HP
Depth	4000 m (13,120') w/ 4 1/2" OD DP
Max. Capacity	500,000 lbs (2,250 kN)
Drive Motors	2 ea CAT C18 Motor – 630 HP – 470 KW
No. of Drum	Double
Drilling Line	1 1/4"

SUBSTRUCTURE

ZZT225H

Sling-shot	
DF Height	6.7 m (21.976 FT)
Free High	5.6 m (18.386 FT)

MAST

JJ225-39

Nominal Capacity	500,000 lbs
Racking Capacity	4000m & 13,120' (4 1/2" DP) 3200m & 10,496' (5" DP)
Hook Load Cap.	500,000 lbs (2250 kN)
Max. Height	39.3m (129')

TOP DRIVE

Tesco 250HXI 700

Max RPM:	200
Max Torque:	24.000 ft-lbs
Horse Power:	700 HP
Working Load	500000 LBS



CROWN BLOCK

TC225

Max Load 2250 KN (500,000 LBS)

Dia. Of drill line 1-1/4"

TRAVELING BLOCK

YG250

Working Load 500,000 lbs

GENERATORS & COMPRESSOR

1 ea CAT C15 Diesel Engine 500 KVA / 400 kW

1 ea CAT C13 Diesel Engine 450 KVA / 360 kW

ATLAS COPCO GA 45

Power Input 45 KW

WELL CONTROL

FH 35-35

13 5/8" x 5,000 psi Type Shenkai Annular BOP

13 5/8" x 5,000 psi Type Shenkai Double Ram BOP

MUD PUMPS

2xRS-F1000

Powered by Jinan Diesel Engine – 190 Series

Rated Input Power 1000 HP

MUD SYSTEM

1xShaker Tank (315bbl)

Includes sand trap, settling 1-2-3, Trip Tank

1XSuction Tank (396bbl)

1XSuction Tank (293bbl) Includes hopper

CAMP UNITS

35 person cap. accomodation units

2ea Office units

Kitchen + Laundry