

RIG SPECIFICATION SHEET

Arabdrill 80 (AD80)



Rig HP Rating	2000 hp
Design	Marathon Letourneau 82 SD-C
Rig Builder /Year	
Classification	ABS Class ⚡A1
Load Rating	1,000,000 lbs
Rated Drilling Depth	20,000 ft
Water Depth	Min 15 ft & max 250 ft
Overall Dimensions	207 ft 4 in X 176 ft X 20 ft
Transit/jacking/Elevated	2681 kips, 12150 kips, 3833 kips
Cantilever Envelope	40 ft long. x 10 ft trans.
POB	100

DERRICK

Make	Superior
Height	160 ft
Static Hook Load	1,000,000 lbs
Drilling Line Size	1-1/2"

TOP DRIVE

Make / Model	NOV - TDS-4H
Load Rating	650 t
Max. Drill Torque	37,500 ft-lb
Breakout Torque	55,000 ft-lb

MUD PUMPS

Make/Model	NOV/12-P-160
Number of pumps	3
Max. Input Horsepower	1600 hp
Standpipe Pressure	7,500 psi

POWER GENERATION

Make/ Model	CAT/ 3516C HD - 4 ea
Horsepower Rating	2150 hp
Kilowatt Rating	1720 kW

DRAW WORKS

Make	National OilWell Varco
Model	1320 UE
Input Power	GE752, - 2 ea
Horsepower Rating	2000 hp

ROTARY / SLIP TABLE

Make / Model	National C 375
Table Opening Size	37 1/2" Size, 1000 kips .

MUD SYSTEM

Active (usable) Volume	1394 bbl
Number of Tanks	6
Solid Control System	4 Derricks

DECK CRANES

Make & Capacity	3 ea. Favelle Favco, Diesel/Hudraulic, CAT C-15 Engine
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TRAVELLING ASSEMBLY

Crown Block	National Oilwell Varco (National 760 FA)
Load Rating	583 t
Travelling Block	500 t
Load Rating	N/A

WELL CONTROL

Annular Preventer	HMH (Hydril) GK Type
Pressure Rating	5000 psi
Big Bore Diverter	NA
Diversers	NOV Shaffer SBOP : 21.1/4-2M & 30-1M
Ram Preventer	Cameron Type "U" Double & Single
Choke	PROMECH
Manifold Pressure Rating	5000 psi
Size	3 1/8"
Accumulator Pressure Rating	CAD 3000 psi
MGS	36"

ADDITIONAL EQUIPMENT

BOP Handling	2 x 25 Tons each Ingersoll Rand BOP handling hoists
Emergency Generator	CAT C32 1333 HP, LSAM50.2M6 960 kW, 480V, 60Hz
Iron Roughneck	NOV ST 80C
OA Crane	NA



* Applies to Mast / Derrick and Substructure.