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## AD22



Rig Name:	AD22
Type:	Jackup
Country:	Saudi Arabia

Vessel Specifications	Design	Baker Marine BMC 150 IC/ Trapezoidal
	Service date	1982
	Classification	ABS Class A1 SEDU
	Registry/Flag	Saudi Arabian
	Length	151 ft
	Width	156 ft
	Depth of hull	18 ft
	Cantilever reach / transversal skid	40 ft x 24 ft (747 kips max load)
	Lightship draft	12,049 kips
	Transit draft- loadline	14,915 kips
	Variable load- transit/jacking/operat.	2863/2378/3615 kips
Crew quarters	88 persons capacity (Singlex 6, doublex 8, 4men x15, 8 men x1)	
Major upgrade	2006 @ Sharjah UAE	

	Rated drilling depth	16,000ft
	Operating water depth (min-max)	160 ft
	Tugs required to move	2□50Tons BP
Jacking Systems	Type jacking system	Baker Marine Electro -Hydraulic racks and pinion system
	Pinions	18
	Pinion rating (each leg)- Pull	600 kips/leg
	Pinion rating (each leg)- Hold	668 kips/leg
	Leg length	260 ft
	Sea floor interface (each leg)	9.03 kips/Sq.ft.
	Environmental capability	Operating Wind: 50 □nots Waves : 19ft at 10 sec. Current: 2.5 □nots
		Survival Wind: 70 □nots Waves: 29ft at 10 sec. Current: 2.5 □nots
Storage Capacities	Solid control mud tanks	
	Trip tank /Strip tank	56 BBL
	Active Mud Tanks	574 BBL
	Reserve Mud Tanks	894 BBL
	Drill Water	6,316 BBL
	Potable Water	2,107 BBL
	Bulk mud and cement	6750 CUFT
	Sack Material	1500 sq/ft area
	Fuel	2,215 BBL
	Brine	-
	Others	-
Rig Equipment	Mast/Derrick- capacity	Lee C Moor, 140ft H, 800□IPS, 30ft Square base
	Drawworks	□ardener Denver Model 1500 RE, 2x□E 752 DC Motors, 1500HP
	Auxiliary Brake (Elmagco)	Baylor 6032
	Main Power	4 □ CAT 399 TA, 1215 BHP each, Driving 4 x □ATO AC □enerators 1250□W
	Emergency Power	1 □ CAT D397TA, x □ATO AC □enerator 400 □W
	Power Conversion	AC-DC Integrated Power System □IPS 1850, 4□4
	Mud Pumps	3 x □D P□9B, 1000HP
	Shale Shakers	3 □ derrick Flow line shale shakers
	Mud cleaner	Swaco 16 x 4□ 800 □PM
	Other solid control eqt	Desander Harrisburg, 2 x 12□ 1200 □PM
	Mud Mixing equipment	2 mud mixing pumps 6□8 R □ 2 mud Hoppers Harrisburg
	Topdrive	Maritime Hydraulics PTD D 355, 500T, 1350 HP
	Rotary Table	National C-375 w/Oilwell Independent Drive
	Crown Block	Lee C. Moore, 500t, 7 Sheaves, 56□Dia, 1-3/8□DL
	Travelling Block	□ardener Denver Model 40T650, 400T, 6□5□Dia Sheaves
	Swivel	EMSCO LB 400, 400T
	Deck cranes	1 □ MARATHON LeTOURNEAU PCM-120-AS x 120 ft (STBD) 1 □ MARATHON LeTOURNEAU PCM-120-AS x 100 ft (PORT)
	Cementing unit	Supplied by Client
	Drill floor instrumentation	Petron IDS- 2000
	Other major drill floor eqpt	-
	Communications	MAS Model 835
	Drilling line	1-3/8□Right Regular Lay
Blowout Preventer Equipment	Annular BOP	none
	Diverter type	none
	Ram Preventers	none
		none
	BOP Handling Eqpt	2 □ Ingresoll Rand HA2-025, 25T
	Choke Manifold	none
	BOP Control System	none
	Logging unit	none

	Coil tubing unit	none
Well Services	□avel Packing / Filtration equipment	none
Equipment	Other Integrated services equipment	none
	Cement unit	Halliburton HT 400
	Lifeboats	One Watercraft □ One Maxwell Totally enclosed , 44persons each
Safety	Liferafts	3 □ 25 men □ 1x20men RFT Inflatable Liferaft
Equipment	Fire fighting/detection	Thorn Model T 882
	□as detection	Otis ( multi-purpose unit ) detection system with channels for H2S and Hydrocarbon
	Others	-

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OVER 47 YEARS OF DRILLING SERVICES

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