



STANDARD SPECIFICATIONS

GENERAL DESCRIPTION

Design / Generation	Baker Marine 150 ILC
Constructing Shipyard	Ingleside, Texas (Upgrades, 2004)
Year Entered Service /	
Significant Upgrades	1982
Classification	ABS, A1, Self-Elevating Drilling Unit
Flag	Liberia
Overall Dimensions	247 ft long x 178 ft wide x 18 ft deep
Legs	(3) 250 ft. long, Triangular
Drafts	11.67 ft at load line
Accommodation	120 persons
Displacement	13,764 kips
Variable Deck	4,373 kips operating / 1,943 kips transit (spud cans full)
Transit Speed	up to 4 knots, @ 9,000 hp sea tug
Operating Water Depth	150 ft. designed / 150 ft. outfitted
Maximum Drilling Depth	20,000ft

DRILLING EQUIPMENT

Derrick	Pyramid, Beam leg type; 160 ft high with 30 ft x 30 ft base
Hook-load Capacity	1,100,000 lbs gross nominal capacity
Cantilever/ Drill floor	40 ft / 12 ft Port & Stbd
Drawworks	National 1320-UE Max hook load 1,100 kips with 12 lines. (2) x GE DC motors suitable for 1.375" drill line
Rotary Table	ZP 37.5" table opening, electric drive, rated 650 st
Top Drive	Varco Model TDS-5H Electric 500 st, 1300 HP
Mud Pumps	(2) National 12-P-160 triplex pumps, each driven by 800 hp (GE DC motor) 4,250 psi rated
Solids Control	(3) Derrick Linear Shale Shakers

POWER & MACHINERY

Main Power	(3) Caterpillar 3516B diesel engines rated at 2,150hp at 1200rpm each with KATO generator rated to 2,400kVA
Emergency Power	(1) Caterpillar D399 diesel engine rated at 1,200hp at 1,200rpm with KATO generator rated to 1,000kW

STORAGE CAPACITIES

Fuel Oil	1,720 bbls
Liquid Mud	1,705 bbls
Drill Water	3,382 bbls
Potable Water	1,241 bbls
Bulk Material	(mud + cement) 7,552 cu-ft
Sack Storage	2,000 sacks

BOP & WELL CONTROL EQUIPMENT

BOP Ram	(1) Cameron Single "U" ram 13-5/8" 10k psi BOP
BOP Ram	(1) Cameron Double "U" ram 13-5/8" 10k psi BOP
BOP Annular	(1) Hydril GK Screw Top 13-5/8" 5,000psi annular preventer
BOP Handling	(2) Ingersoll Rand 25MT
Diverter	30" Shaffer 500psi / MSP-Hydril 21-1/4 diverter rated to 2,000psi with diverter spool and (2) 12" outlet lines.

MOORING EQUIPMENT

Mooring Winches	(2) ARMCO electric winches rated at 28,400 lbs pull
Anchor Lines	(2) National Marine 1,200ft x 1.5" galvanized wire rope
Anchors	NO DATA AVAILABLE

CRANES

Cranes	(1) Baker Marine Model 900, 19st capacity, 100ft boom (1) National Oilwell DNS-60 120, 52st capacity, 120ft boom
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SPECIAL FEATURES & OTHER INFORMATION

Helideck	Rated for 6.8 MT Bell-412 & AW 139. CAAP - 71, 2016 Rev.
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