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Compact Driller

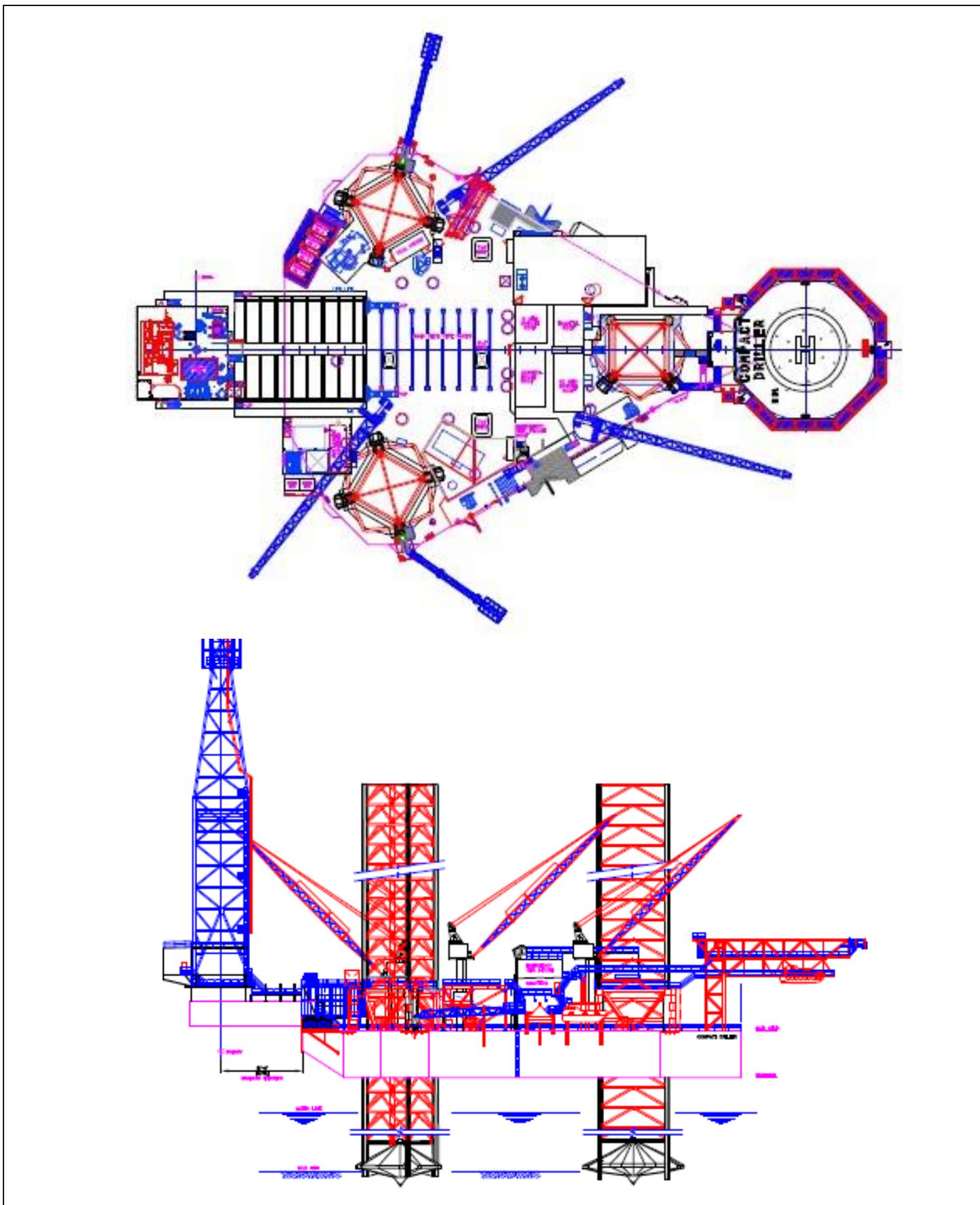
300 Foot Jack-up Drilling Unit

General Description		Storage Capacities
Design	Marathon LeTourneau 116-C	Liquid Mud 2,271 bbl. (including slug tank)
Year Built / Last Upgrade	1992 / 2019	Base Oil 1,770 bbl.
Hull Dimensions	.243 ft. x 200 ft. x 26 ft.	Brine 1,595 bbl.
Legs (3)	410 ft. long square	Drill Water 13,379 bbl.
Quarters capacity	146 persons	Potable Water 2,692 bbl.
Maximum Water Depth	300 ft.	Fuel 3,690 bbl.
Jacking System	MLT electrically driven rack and pinion system	Bulk Cement 5,440 cu. ft.
Cantilever Envelope	45 ft. by 30 ft.	Bulk Cement 5,440 cu. ft.
Maximum Variable Load (Drilling)	Approx. 7,400 kips*	
*depending on water depth and geographical location		
Drilling Equipment		Power Equipment
Derrick	Pyramid bottleneck derrick 170 ft. x 30 ft. x 30 ft., static hook load capacity 1,300,000 lbs. with twelve (12) lines, capable to rack up to 72 doubles of 7" casing	Main Power Four (4) Caterpillar 3516A diesel engines, 1,615 HP at 1,200 rpm, driving four (4) Caterpillar SR-4, 1,400 KW AC generators
Drawworks	National 1625 UBDE 3,000 HP rated input power, driven by three (3) 1,000 HP GE 752 DC motors	Power Dist. Four (4) Ross Hill SCR units rated 1,400 A powering eight (8) GE752 DC motors
Rotary Table	National D-495 rated at 750 short tons with independent drive using a GE 752 DC motor with two speed transmission	
Top Drive	National PS-2-650/750, 650 short tons, rated 52,000 ft.lbs. max continuous torque	
Pipe Handling	One (1) Varco ST-100 and one (1) Varco ST-80	
Mud Pumps	Three (3) triplex mud pumps 1,600 HP, comprising of two (2) National 12-P-160 and one (1) Oilwell A1700-PT, 5,000 psi WP	
Solids Control	Four (4) Brandt VSM 300 balanced elliptical motion shale shakers; one (1) Brandt PPI26AF Desander with 3 cones: one (1) Brandt 26CJ with 24 cones.	
Well Control Equipment		Well Control Equipment
		13.5/8 in. BOP Stack One (1) Cameron D 5K annular; one (1) Cameron Type U 10K double; one (1) Cameron Type U 10K single
		BOP Handling Four (4) 25 short tons Ingersoll Rand hoists and trolley system
Cranes		
		Three (3) Marathon LeTourneau PCM-120AS cranes, with 100 ft. booms, rated for 50 short tons at 24 ft. radius
Special Features		
		Offline Capability Capable for making up tubular stands offline.
		Certification 1989 IMO MODU (Resolution A.649 (16)).
		CTU 400 kips conductor tensioning unit.

R-Jan-2021



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COMPACT DRILLER

R-Jan-2021



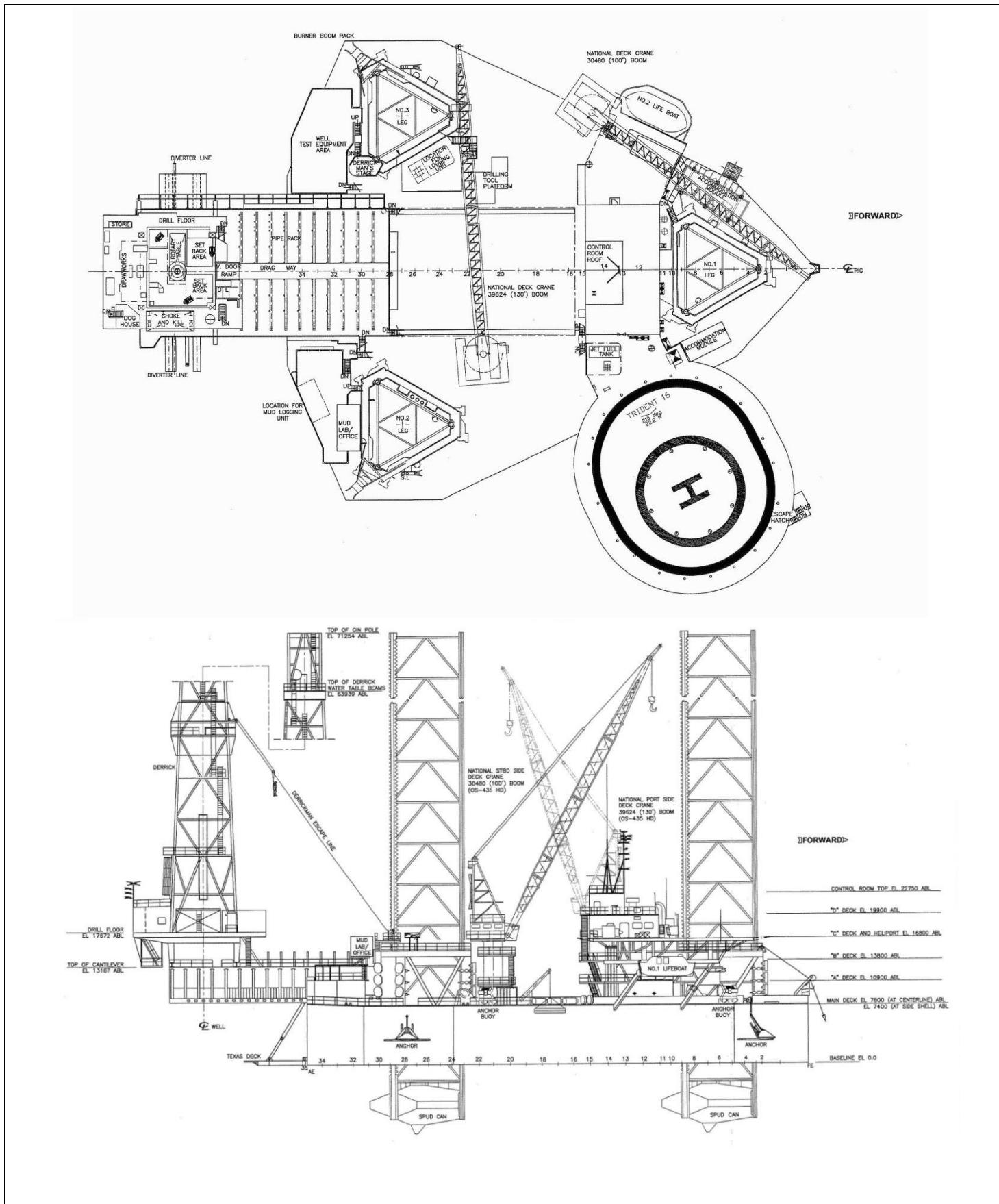
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Trident 16

300 Foot Jack-Up Drilling Unit

General Description		Storage Capacities			
Design	Modec 300 C-38	Liquid Mud	2,165 bbls.		
Year Built / Last Upgrade	1982 / 2012	Drill Water	5,366 bbls.		
Hull Dimensions	220 ft. by 190 ft. by 25.6 ft.	Base Oil	1,100 bbls.		
Legs (3)	405 ft. long triangular legs	Brine	1,000 bbls.		
Quarters Capacity	140 persons	Fuel	1,651 bbls.		
Maximum Water Depth	300 ft.	Bulk Mud	4,500 cu.ft.		
Cantilever Envelope	45 ft. by 24 ft.	Bulk Cement	4,500 cu.ft.		
Maximum Variable Load (drilling)	Approx. 4,400 kips*	Well Control Equipment			
*depending on water depth and geographical location					
Drilling Equipment					
Derrick	DSI derrick 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000 kips with twelve (12) lines	Divertor	Regan KFDJ 2000 49 ½" max bore, rated 2,000 psi pressure rating with two (2) 14" overboard outlets		
Drawworks	Oilwell E-2000, 2,000 HP driven by two (2) GE 752 DC motors; outfitted with Baylor 7838 electric brake	21-1/4" BOP	Two (2) Cameron 21-1/4" 2,000 psi single ram preventers; one (1) Hydril MSP 21-1/4" 2,000 psi annular preventer.		
Rotary Table	Oilwell A-49-1/2; 800 short tons, 49-1/2" opening driven by a GE 752 DC motor	13-5/8" BOP	One (1) Cameron Type U 13-5/8" 10,000 psi single ram preventer; one (1) Cameron Type U 13-5/8" 10,000 psi double ram preventer; one (1) Hydril GK 13-5/8" 5,000 psi annular preventer		
Top Drive	Varco TDS-4S, 650 short tons, 1,100 HP, rated to 45,500 ft.lbs maximum continuous drilling torque with Varco PH-85 pipe handler	BOP Handling	2 x 40 short ton hoists and trolley handling system		
Mud Pumps	Three (3) Oilwell A-1700 PT, 1,600 HP triplex pumps each driven by two (2) DC motors, 5,000 psi WP	Cranes			
Solids Control	Four (4) VSM 300 shale shakers; one (1) Derrick FLC 2000 mud cleaner	<p>One (1) National OS-215 crane with 100 ft. boom, rated to 52 short tons @ 20 ft. radius;</p> <p>One (1) National OS-435HD crane with 130 ft. boom, rated to 65 short tons @ 20 ft. radius</p>			
Power Equipment					
Main Power	Two (2) Caterpillar D-399TA diesel engines 1,215 HP driving two (2) GE 5ATI 1,200 KW AC generators; two (2) Caterpillar D-3516B diesel engines 1,855 HP driving two (2) KATO 1,500 KW AC generators	Mooring Equipment			
Power Dist.	Four (4) Hill Graham SCR 1,600 A 750 volts output, one (1) Alstom SCR 2,000 A 750 volts output	Winches	Four (4) Skagit JUW-075 electric winches with 50 HP motors, 68 MT rated pull @ 2 nd layer		
		Anchor Lines	Four (4) 1½" IWRC EIPS wire rope 2,500 ft nominal length		
		Anchors	Four (4) 4.48 MT Delta Flipper anchors		



Trident 16

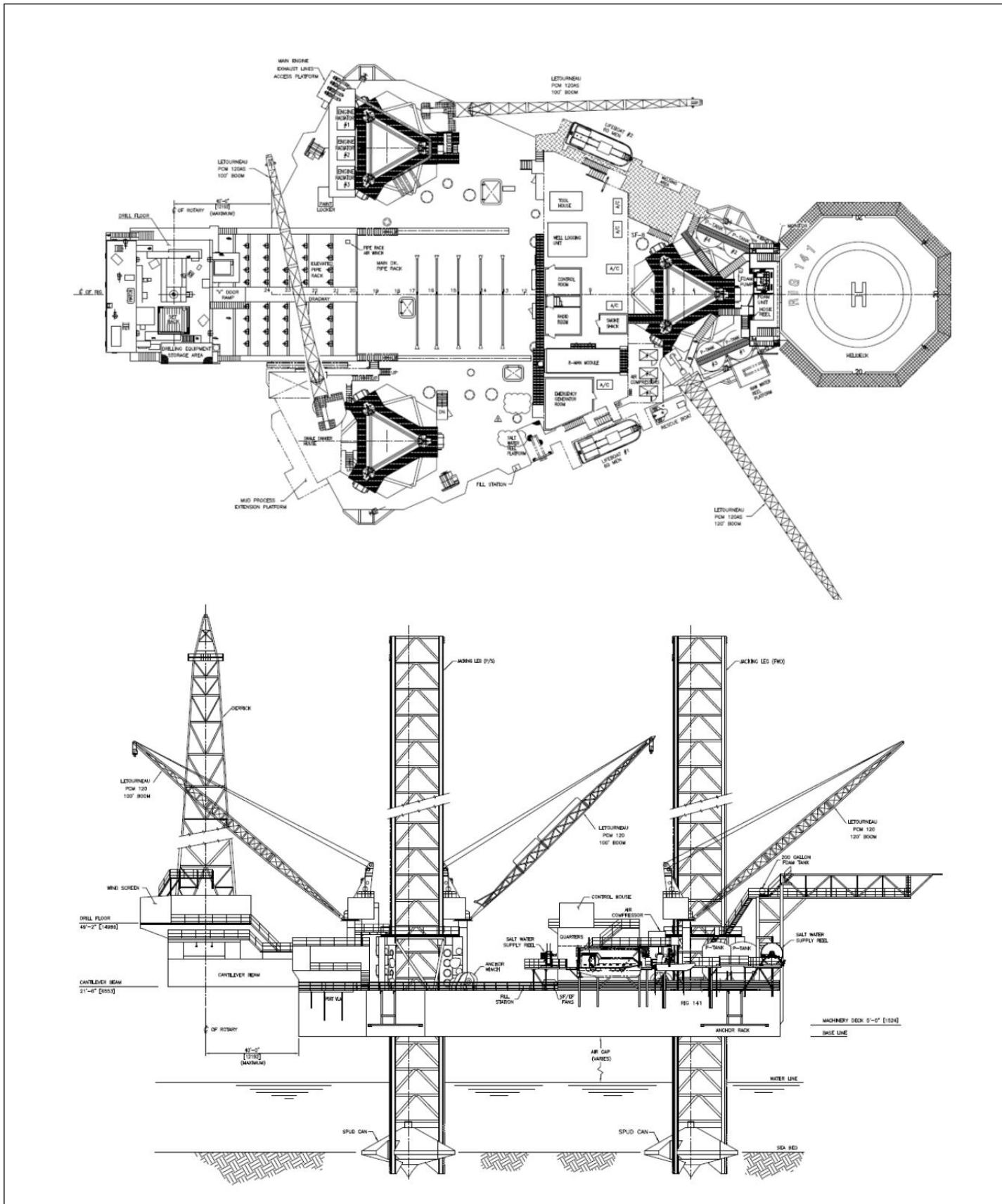
R-Sep-2017



Rig 141

250 Foot Jack-up Drilling Unit

General Description		Storage Capacities		
Design	Marathon LeTourneau 82-SD-C	Liquid Mud	1,320 bbls.	
Year Built	1982	Drill Water	5,210 bbls.	
Hull Dimensions	207 ft. x 176 ft. x 20 ft.	Fuel	2,333 bbls.	
Legs (3)	360 ft. long triangular	Bulk Mud	3,426 cu. ft.	
Quarters Capacity	100 persons	Bulk Cement	3,426 cu. ft.	
Maximum Water Depth	250 ft.	Power Equipment		
Cantilever Envelope	40 ft. by 20 ft.	Main Power	Four (4) Caterpillar D-399 diesel engines 1,215 HP each, driving four (4) Kato 1,050 KW AC generators	
Maximum Variable Load (Drilling)	Approx. 4,950 kips* <i>*depending on water depth and geographical location</i>	Power Dist.	Four (4) General Electric SCR units, each rated at 1,350 kW 750 volts, powering eight GE 752 DC motors	
Drilling Equipment				
Derrick	Continental Emsco 20RD 147 ft. x 30 ft. x 30 ft., static hook load capacity 1,000 kips with twelve (12) lines	BOP Stack	One (1) Hydril GK 13-5/8 in. 5,000 psi annular preventer; one (1) Cameron Type U, 13-5/8 in. 10,000 psi double ram preventer; and one (1) Cameron Type U 13-5/8 in. 10,000 psi single ram preventer	
Drawworks	Oilwell E-2000, 2,000 HP, driven by two (2) GE 752 DC motors, outfitted with Baylor 7838 electric brake	Well Control Equipment		
Rotary Table	Oilwell, 37-1/2 in., with independent drive using a GE 752 DC motor with two-speed transmission	Cranes	Three (3) Marathon LeTourneau PCM-120 AS cranes: two (2) each with 100 ft. booms, rated for 50 short tons at 24 ft. radius, one (1) each with 120 ft. boom, rated for 42 short tons at 28 ft. radius	
Top Drive	National-Oilwell PS-2-500, 500 short tons, rated to 49,338 ft.lbs. maximum continuous torque in low gear	Special Features	Shallow Draft	
Mud Pumps	Two (2) Oilwell A-1700PT triplex pumps, 1,600 HP, each driven by two (2) GE 752 DC traction motors	The rig is designed to move in water depths as shallow as 12 ft.		
Solids Control	Three (3) MI Swaco Mongoose PT shale shakers; one (1) MI Swaco Mongoose PT Multi-function mud cleaner with 6 x 4 in. cones			



Rig 141

R-Dec-2015



C.E. Thornton

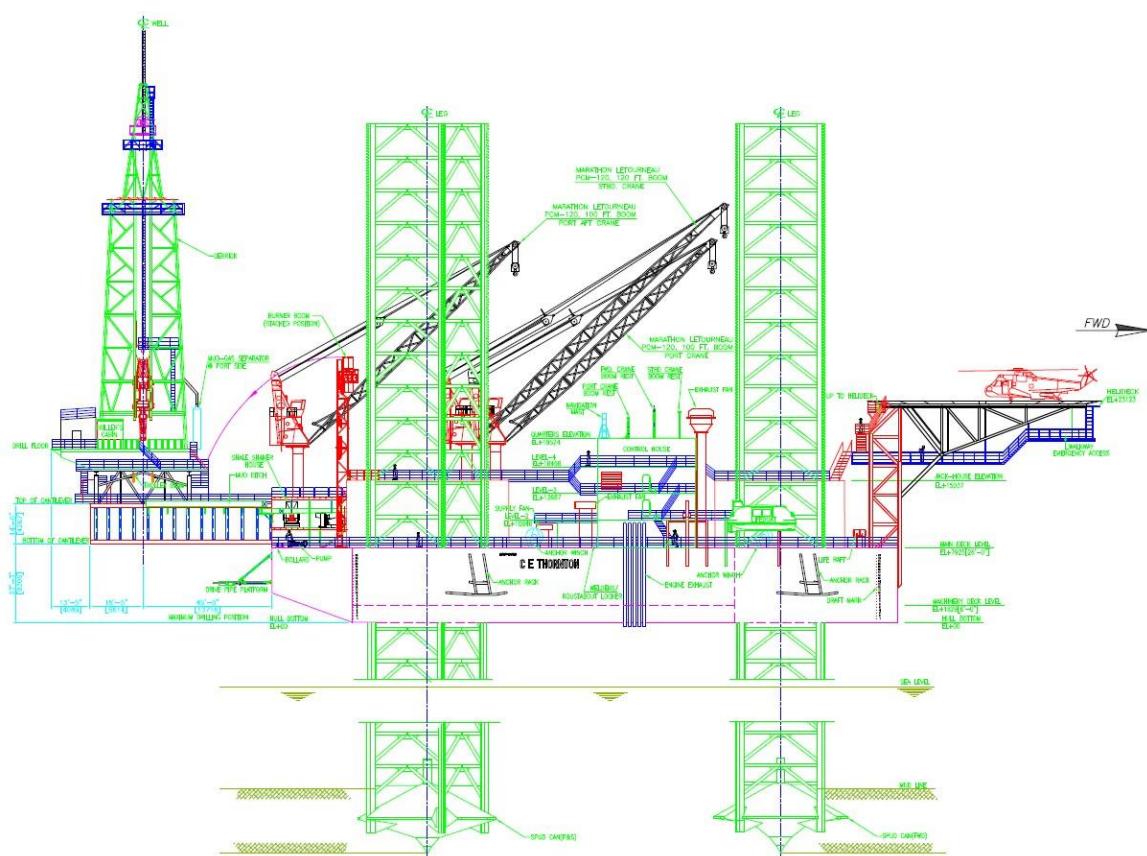
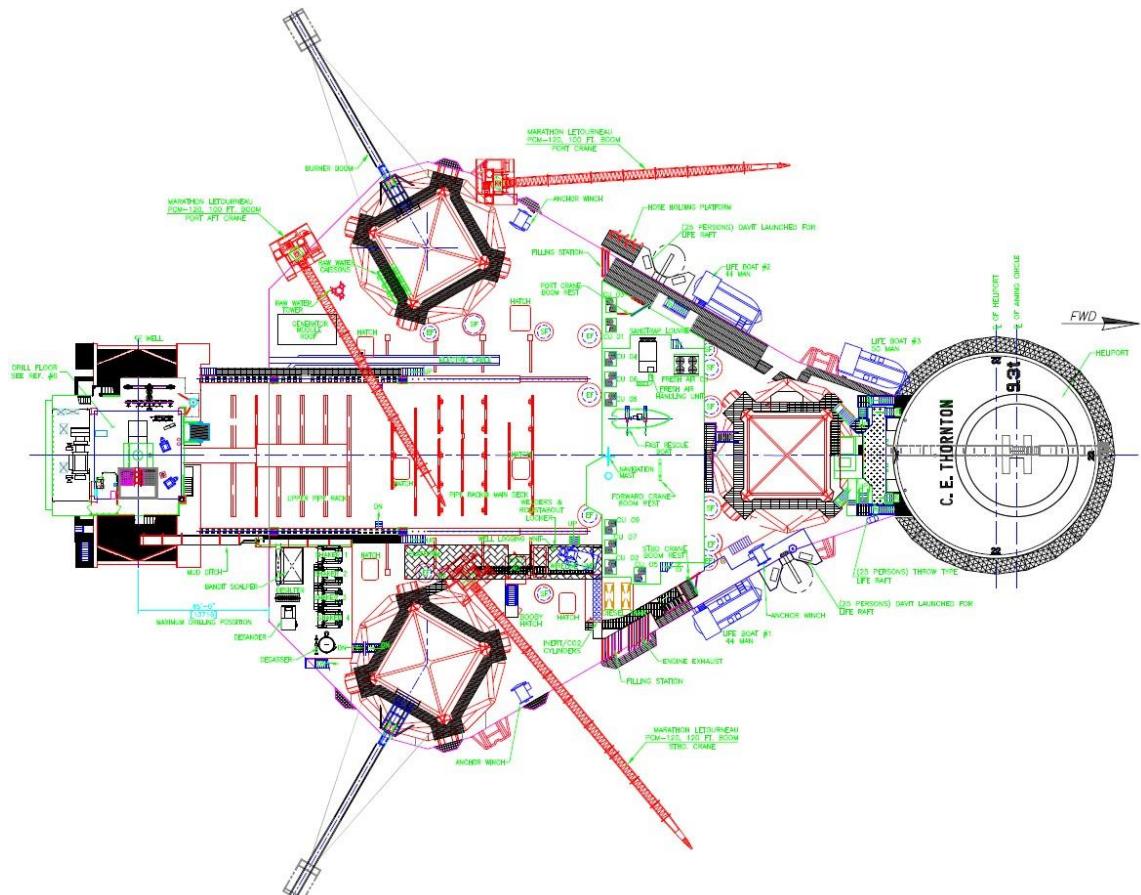
300 Foot Jack-up Drilling Unit

General Description		Storage Capacities
Design	Marathon LeTourneau 53-SC	Liquid Mud 1,836 bbls (including slug pit & gel tank)
Year Built / Last Upgrade	1974 / 1984	Base Oil 844 bbls
Hull Dimensions	218 ft. x 201 ft. x 26 ft.	Drill Water 8,898 bbls
Legs (3)	410 ft. long square legs	Fuel 2,637 bbls
Quarters Capacity	113 persons	Bulk Mud 4,160 cu. ft.
Maximum Water Depth	300 ft.	Bulk Cement 3,120 cu. ft.
Cantilever Envelope	45 ft. by 24 ft.	
Maximum Variable Load (drilling)	4,200 kips*	
*depending on water depth and geographical location		
Drilling Equipment		Power Equipment
Derrick	Lee C. Moore 147 ft. x 30 ft. x 30 ft., static hook load capacity 1,000,000 lbs. with twelve lines (1-1/2 in. drilling line)	Main Power Five (5) Caterpillar D399 engines rated 1,350 HP each, driving two (2) GE ATI 800 KW AC generators, three (3) KATO 750 KW AC generators
Drawworks	Oilwell E-3000, rated input power 3,000 HP driven by two (2) GE DC motors rated 1,000 HP each; outfitted with Elmagco 7838 auxiliary electric brake	Power Dist. Four (4) Ross Hill SCR units 750 KW 750 volts
Rotary Table	Oilwell B-375, 650 short tons, 37-1/2 in. maximum opening driven by GE 752 DC motor with 2-speed transmission	
Top Drive	Varco TDS-4S, 650 short tons, 1,000 HP motor, rated to 45,500 ft.lbs. maximum continuous torque, outfitted with a Varco PH-85 pipe handler	
Pipe Handling	NOV ST-80C for handling tubular OD sizes ranging from 4-1/4 in. to 8-1/2 in.	
Mud Pumps	Two (2) Oilwell A 1700-PT, 1,600 HP triplex pumps, each driven by two (2) GE 752 800 HP DC motors	
Solids Control	Four (4) VSM 300 linear motion shale shakers; one (1) Derrick S2-12 Desander with 2 x 10" cones; one (1) Derrick Hydroclone Desilter with 10 x 4" cones; two (2) MI Swaco mud centrifuges and (one) MI Swaco Verti-G Cuttings Dryer	
Well Control Equipment		
Diverter	Hydril MSP 500 psi, 29-1/2 in., with 12 in. discharge lines and two (2) 12 in. hydraulically operated ball valves	
BOP Stack	One (1) Hydril MSP 21-1/4 in. 2,000 psi annular and one (1) T3 Energy Services 21-1/4 in 2,000 psi double ram preventer	
	One (1) Hydril GK 13-5/8 in., 5,000 psi annular, one (1) NOV T3-6012 13-5/8 in. 10,000 psi double and one (1) NOV T3-6012 13-5/8 in. 10,000 psi single ram preventer	
BOP Handling	Two (2) 25 short tons Beebe hoist and trolley handling system	
Cranes		
Three (3) Marathon LeTourneau PCM-120 AS pedestal cranes with 100 ft. boom (Port & Port Aft) & 120 ft. boom (Starboard), rated for 45 short tons at 24 ft. radius; one (1) Unit Mariner 480 crane with 85 ft. boom (Port Aft), rated for 22 short tons at 20 ft.		

R-Jul-2018



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C.E. Thornton

R-Jul-2018



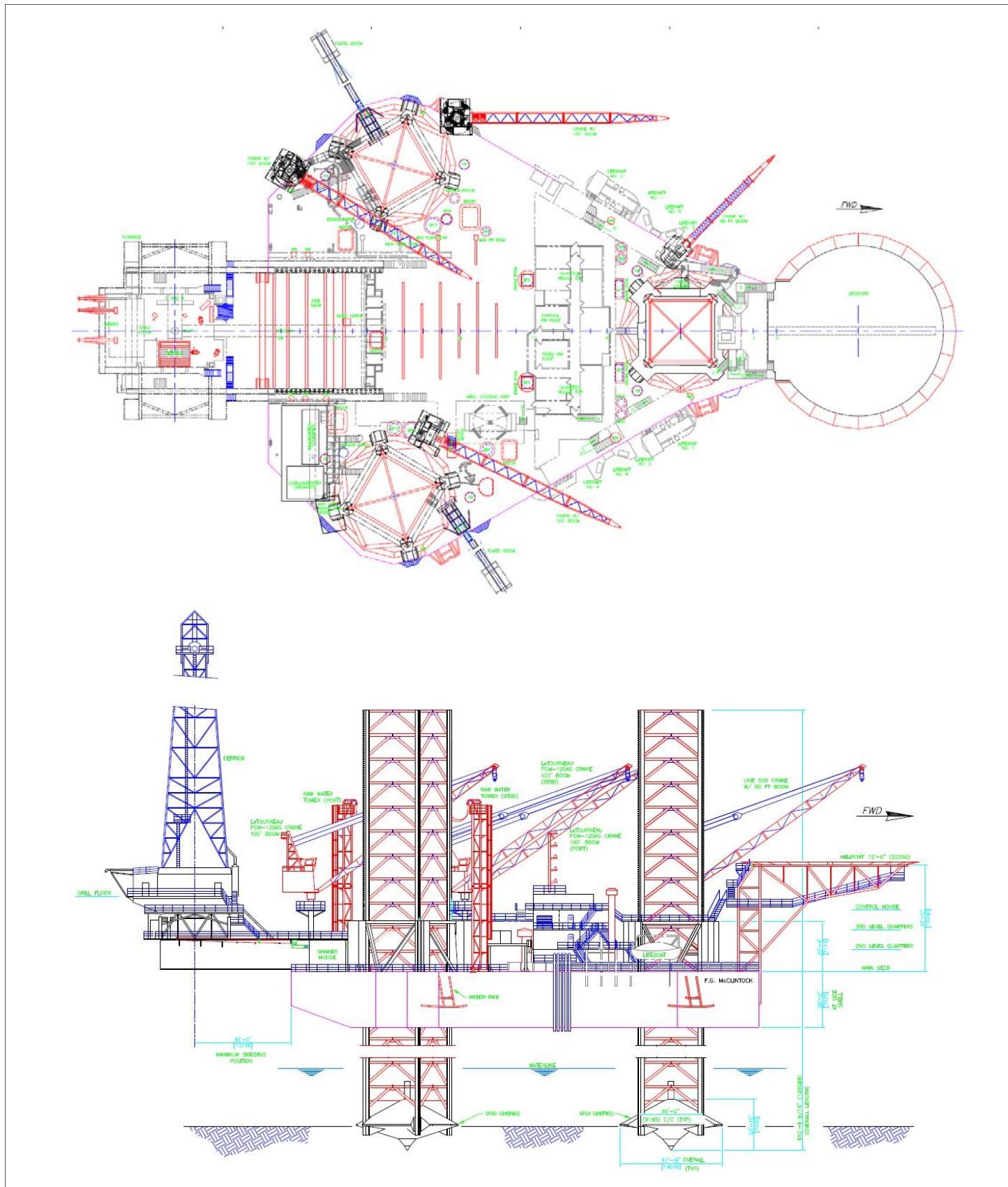
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F.G. McClintock

300 Foot Jack-up Drilling Unit

General Description		Storage Capacities	
Design	Marathon LeTourneau 53-SC	Liquid Mud	1,751 bbls
Year Built / Last Upgrade	1975 / 2002	Base Oil	844 bbls
Hull Dimensions	218 ft. x 201 ft. x 26 ft.	Drill Water	11,674 bbls
Legs (3)	410 ft. long square legs	Fuel	2,637 bbls
Quarters Capacity	110 persons	Bulk Mud	4,160 cu. ft.
Maximum Water Depth	300 ft.	Bulk Cement	3,120 cu. ft.
Cantilever Envelope	45 ft. by 24 ft.	Power Equipment	
Maximum Variable Load (drilling)	Approx. 4,400 kips*	Main Power	Five (5) Caterpillar D399 1,325 HP diesel engines driving four (4) GE ATI 930 KW & one (1) Kato 1,050 KW AC generators (in engine room); one (1) Caterpillar 3412 DIQTA 800 HP diesel engine driving Caterpillar 725 KW AC generator (on main deck).
*depending on water depth and geographical location		Power Distribution	Ross Hill SCR units 1,200 KW 750 volts
Drilling Equipment			
Derrick	Pyramid 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,049,000 lbs. with ten (10) lines (1-1/2 in. drilling line)	Diverters	Hydril MSP 500 psi, 29-1/2 in., with 12 in. discharge lines and two 12 in. hydraulically operated ball valves
Drawworks	Oilwell E-3000 driven by two (2) EMD D79 800 HP DC motors, outfitted with Elmagco 7838 auxiliary electric brake	BOP Stack	One Hydril MSP 21-1/4 in. 2,000 psi annular preventer and one (1) T3 Model 6012 21-1/4 in 2,000 psi double ram preventer
Rotary Table	Oilwell B-37-1/2, 650 short tons, 37-1/2 in. maximum opening, driven by EMD D79 800 HP DC motor with 2-speed transmission	BOP Handling	One Shaffer 13-5/8 in., 5,000 psi annular, one (1) T3 Model 6012 13-5/8 in. 10,000 psi double ram preventer and one (1) T3 Model 6012 13-5/8 in. 10,000 psi single ram preventer
Top Drive	Varco TDS-4S, 650 short tons, 1,100 HP motor, continuous drilling torque 45,500 ft.lbs., outfitted with Varco PH-85 pipe handler	Cranes	2 x 25 short tons Herculink hoist and trolley handling system
Mud Pumps	Two (2) Oilwell A 1700-PT triplex pumps, each mud pump is driven by two (2) EMD D79 800 HP DC motors, rated to 5,000 psi working pressure	Three (3) Marathon LeTourneau PCM-120 AS pedestal cranes with 100 ft. boom (Port & Port Forward) & 120 ft. boom (Starboard), rated for 45 short tons at 24 ft. radius; one (1) Mariner 500 crane with 85 ft. boom (Port Aft), rated for 22 short tons at 25 ft.	
Solids Control	One (1) Brandt Dual Tandem scalping shakers; three (3) NOV Brandt VSM 300 linear motion shale shakers; one (1) NOV Brandt desander with 2 x 10" cones; one (1) NOV Brandt desilter with 16 x 4" cones as desilter; one (1) NOV Brandt VSM 300 mud cleaner		



F.G. McClintock

R-Jul-2018



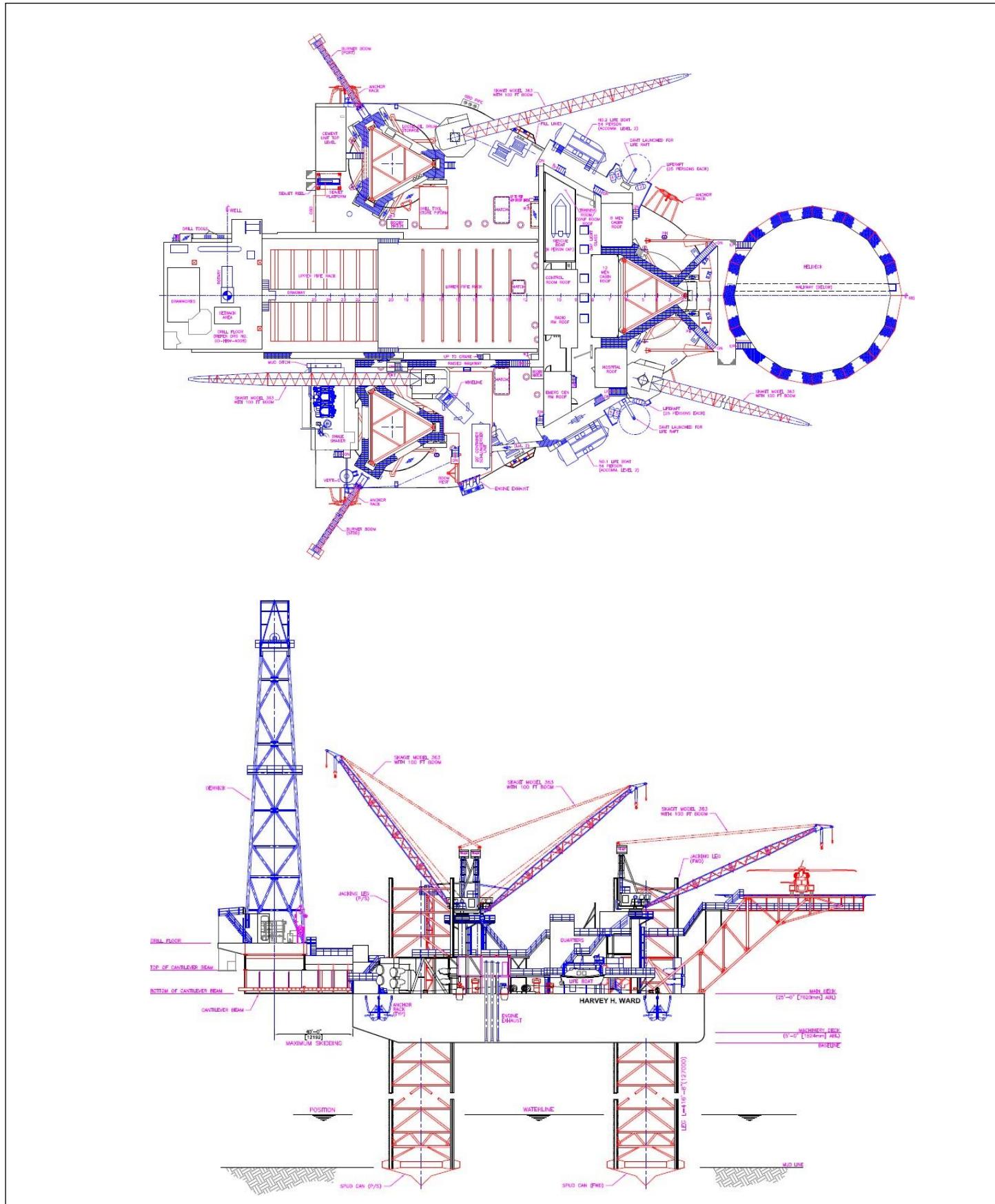
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Harvey H. Ward

300 Foot Jack-up Drilling Unit

General Description		Storage Capacities	
Design	Friede & Goldman L-780 Model II	Liquid Mud	1,972 bbl (including slug pit)
Year Built / Last Upgrade	1981 / 2011	Base Oil	755 bbl
Hull Dimensions	180 ft. x 175 ft. x 25 ft.	Drill Water	5,572 bbl..
Legs (3)	416 ft. long triangular	Fuel	2,233 bbl
Quarters capacity	108 persons	Bulk Mud	4,080 cu. ft. (3 silos)
Maximum Water Depth	300 ft.	Bulk Cement	4,080 cu. ft. (3 silos)
Jacking System	National rack and pinion, 12 pinions/leg	Power Equipment	
Cantilever Envelope	40 ft. by 24 ft.	Main Power	Two (2) EMD MD16-645-E8 diesel engines 1,945 HP driving 1,280 KW 600 volts EMD AC generator; one (1) EMD MD12-645-E8 diesel engine 1,500 HP driving 1,280 KW 600 volts EMD AC generator
Maximum Variable Load (drilling)	Approx. 4,000 kips*	Power Dist.	Four (4) Ross Hill SCR units rated at 1,350 KW 750 volts
<i>*depending on water depth and geographical location</i>		Well Control Equipment	
Drilling Equipment			
Derrick	Dreco 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000,000 lbs. with 12 lines.	Divertor System	Hydril MSP 500 psi 29-1/2 in. annular diverter with Hydril MSP 2,000 psi diverter spool outfitted with two (2) 12 in. discharge lines and Demco 12 in. 900 series ball valves
Drawworks	Oilwell E3000, 2,000 HP driven by two (2) EMD D79 1,000 HP motors, with Baylor 7838 electric brake	BOP Stack	One (1) Hydril GK 13-5/8 in. 5K annular preventer; one (1) Cameron Type U 13-5/8 in. 10K double ram preventer; one (1) Cameron Type U 13-5/8 in. 10K single ram preventer
Rotary Table	Oilwell B37-1/2 with 37-1/2 in. maximum opening rated, rated 650 short tons	BOP Handling	Two (2) Ingersoll Hoist Herculink HA2-025 hoists, rated 25 MT each. Total SWL 50 MT.
Top Drive	Varco TDS-4S, 650 st 1,000 HP, 45,500 ft. lbs. maximum continuous torque, outfitted with a Varco PH-85 pipe handler	Cranes	
Mud Pumps	Two (2) Continental Emsco FB-1600 5,000 psi triplex pumps, each driven by two (2) 800 HP EMD D79 motors	Three (3) Skagit Model 363 pedestal cranes with 100 ft. booms, rated for 50 short tons at 30 ft. radius	
Solids Control	Three (3) MI Swaco MD2 progressive elliptical shale shakers, one (1) Brandt desander with 2 x 12" cones, one (1) Brandt desilter with 16 x 4" cones		
Instrumentation	MD Totco drilling instrumentation & Driller Display System		



HARVEY H WARD

R-Nov-2021



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J.T. Angel

300 Foot Jack-up Drilling Unit

General Description	
Design	Friede & Goldman L-780 Model II
Year Built	1982
Hull Dimensions	180 ft. x 175 ft. x 25 ft.
Legs (3)	416 ft. long triangular
Quarters capacity	112 persons
Maximum Water Depth	300 ft.
Jacking System	National rack and pinion, 12 pinions/leg
Cantilever Envelope	40 ft. by 24 ft.
Maximum Variable Load (drilling)	Approx. 4,500 kips*

*depending on water depth and geographical location

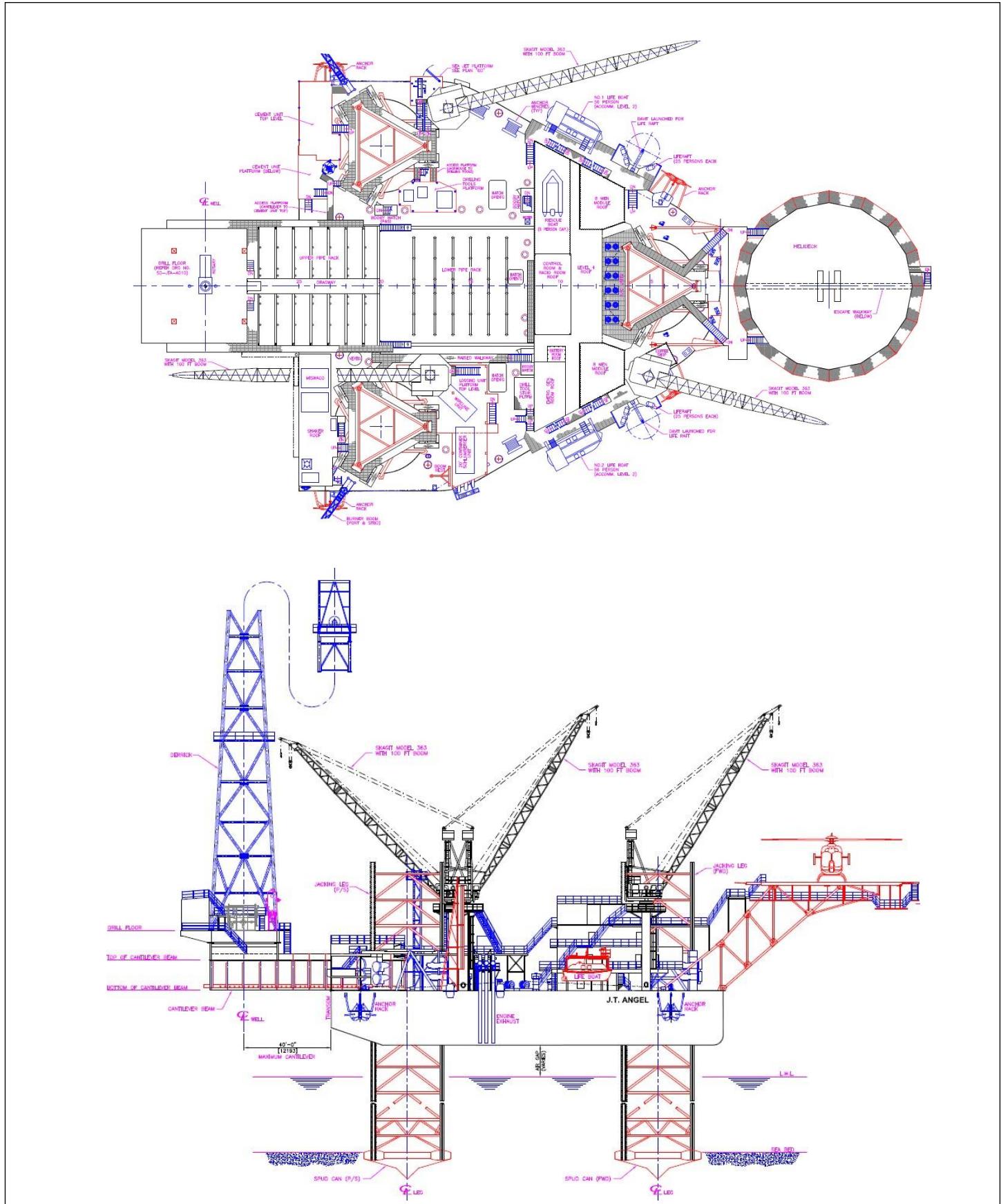
Drilling Equipment	
Derrick	Dreco 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,044,000 lbs. with twelve (12) lines
Drawworks	National 1625 DE driven by two (2) 800 HP DC motors and grooved for 1-1/2 in. drill lines, with Baylor 7838 electric brake
Rotary Table	National C375, 37-1/2 in. maximum opening rated at 650 short tons with independent drive using EMD D79 motor
Top Drive	Varco TDS-4S, 650 st, 1,100 HP motor rated to 45,500 ft.-lbs. maximum continuous torque, outfitted with PH-85 pipe-handler system
Mud Pumps	Two (2) National 12-P-160 5,000 psi triplex pumps, each driven by two (2) 800 HP EMD D79 motors
Solids Control	Four (4) Brandt VSM 300 shale shakers 1,400 gpm; one (1) Swaco 232 desander with 2 x 12" cones; one (1) Derrick S-240-S mud cleaner with 24 x 4" cones

Storage Capacities	
Liquid Mud	1,778 bbl. (including slug pit)
Brine / Base Oil	1,884 bbl.
Drill Water	3,686 bbl.
Fuel	2,436 bbl.
Bulk Mud	4,000 cu. ft.
Bulk Cement	4,000 cu. ft.

Power Equipment	
Main Power	Two (2) EMD 16-645-E8 diesel engines 1,950 HP and one (1) EMD MD12-645-E8 diesel engine 1,500 HP, driving three (3) 2,625 KVA 600 volts EMD AC generators
Power Dist.	Four (4) Ross Hill SCR units rated at 1,350 KW 750 volts

Well Control Equipment	
Diverter System	Regan KFDJ diverter, 500 psi 37-1/2" maximum bore
BOP Stack	One (1) Hydril GK 13-5/8" 5K annular preventer; one (1) Cameron Type U 13-5/8" 10K double ram preventer; one (1) Cameron Type U 13-5/8" 10K single ram preventer
BOP Handling	Two (2) Ingersoll Rand Herculink hoists, rated 25 short tons each. Total SWL 50 short tons.

Cranes	
Three (3) Skagit Model 363 cranes with 100 ft. booms, rated for 54 short tons at 25 ft. radius	



J.T. Angel

R-Dec-2021

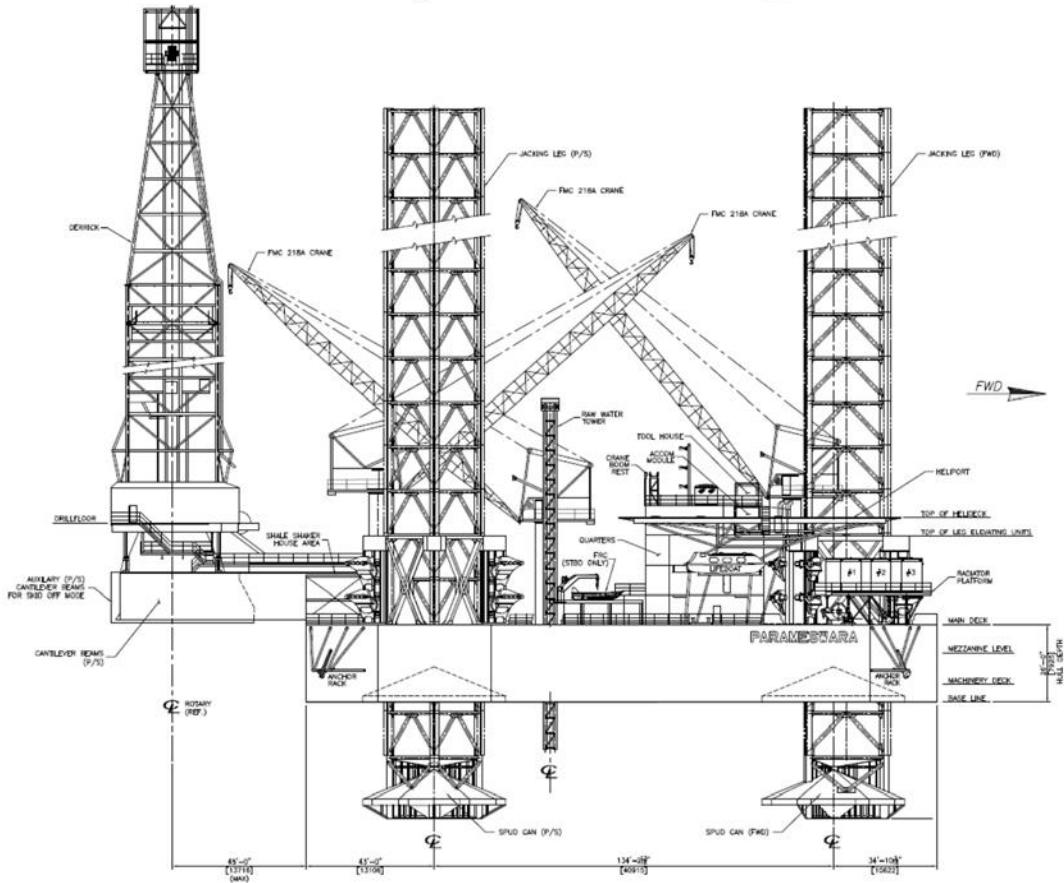
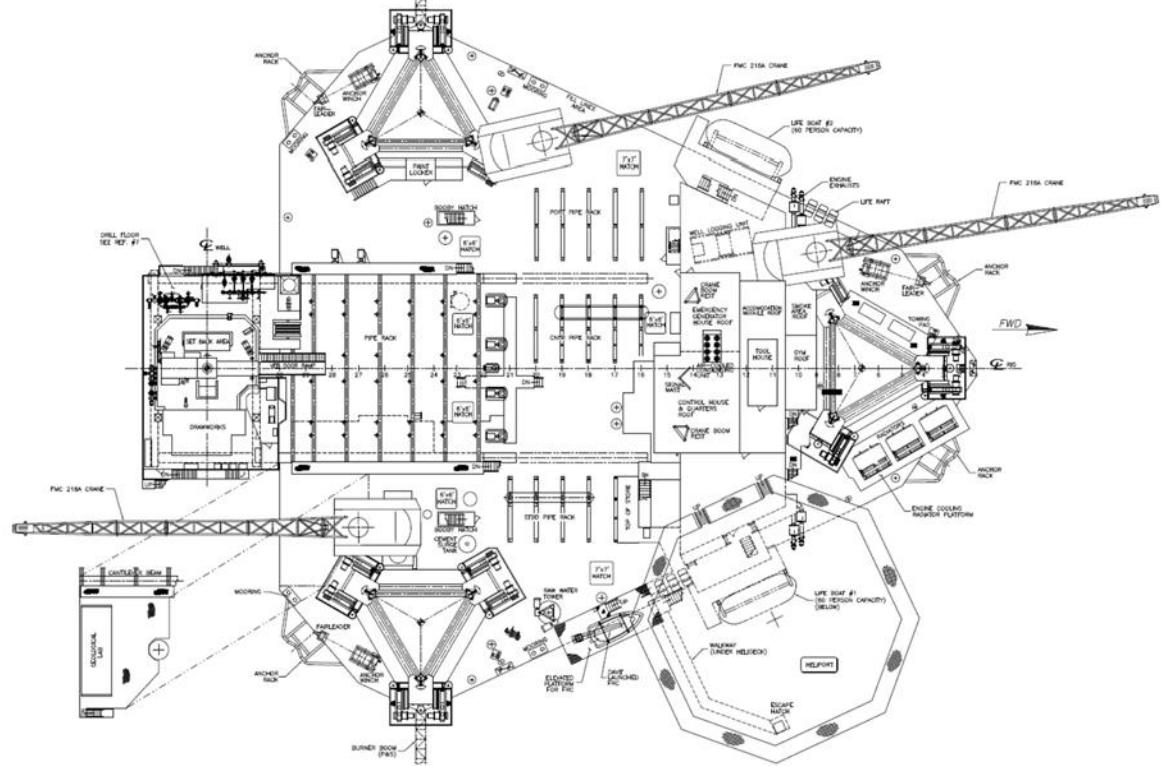


Parameswara

300 Foot Jack-up Drilling Unit

General Description		Storage Capacities
Design	Baker Marine BMC 300 IC	Liquid Mud 2,115 bbls
Year Built / Last Upgrade	1983 / 2001	Drill Water 5,428 bbls.
Hull Dimensions	212 ft. x 210 ft. x 26 ft.	Fuel 3,849 bbls.
Legs (3)	423 ft. long triangular	Base Oil 1,740 bbls.
Quarters Capacity	118 persons	Brine 1,509 bbls.
Maximum Water Depth	300 ft.	Bulk Mud 4,575 cu. ft.
Cantilever Envelope	45 ft. by 24 ft.	Bulk Cement 4,575 cu. ft.
Maximum Variable Load (drilling)	Approx. 8,100 kips*	
<i>*depending on water depth and geographical location</i>		
Drilling Equipment		
Derrick	MH Pyramid bottleneck 170 ft. x 30 ft. x 30 ft., static hook load capacity 1,300,000 lbs. with twelve lines (1-1/2 in. drilling line)	Main Power Four (4) Caterpillar 3516 diesel engines 1,615 HP each, driving four (4) Caterpillar SR4 1,140 kW AC generators
Drawworks	Ideco E-2100E 2,000 HP, driven by two (2) 1,000 HP GE 752 DC motors, complete with Elmagco 7040 electric brake	Power Dist. Five (5) Ross Hill SCR units, each rated at 1,500 amps, powering eight (8) GE 752 DC motors
Rotary Table	Ideco LR-375-E with independent drive using a GE 752 DC motor with 2-speed transmission	
Top Drive	National PS2-650/750 Power Swivel with 750 ST hoisting and 650 short tons drilling capacities, max. continuous torque 49,000 ft.lbs in low gear	
Pipe Handling	Hawk-jaw M100K-2GSR for tubular OD 4" to 9-1/2"; Spin Master 90HYD spinning wrench	
Mud Pumps	Three (3) National 12-P-160 triplex pumps 1,600 HP, each driven by two (2) 1,000 HP GE 752 DC motors, rated to 7,500 psi with HP liners	
Solids Control	Two (2) Brandt 2/48-10F-4TA dual tandem scalping shakers; four (4) Derrick FLC 504 shale shakers; one (1) Crestex 4104 Desander with 3 x 10" cones; one (1) Derrick mud cleaner with 16 x 4" cones mounted on one of the shakers.	
Well Control Equipment		
Diverter	Hydril MSP 29-1/2" annular preventer 500 psi WP with two (2) 16" discharge lines and two (2) 16" hydraulically operated ball valves	
BOP Stack	One (1) Hydril GXS 13-5/8" 5,000 psi annular preventer; one (1) Cameron Type U 13-5/8" 10,000 psi double ram preventer and one (1) Cameron Type U 13-5/8" 10,000 psi single ram preventer	
BOP Handling	Four (4) x 37.5 MT Ingersoll Rand hoist system	
Cranes		
Three (3) FMC Linkbelt ABS 218A cranes with 100 ft. booms, rated for 43 short tons at 25 ft. radius		

R-Mar-2020



Parameswara

R-Mar-2020

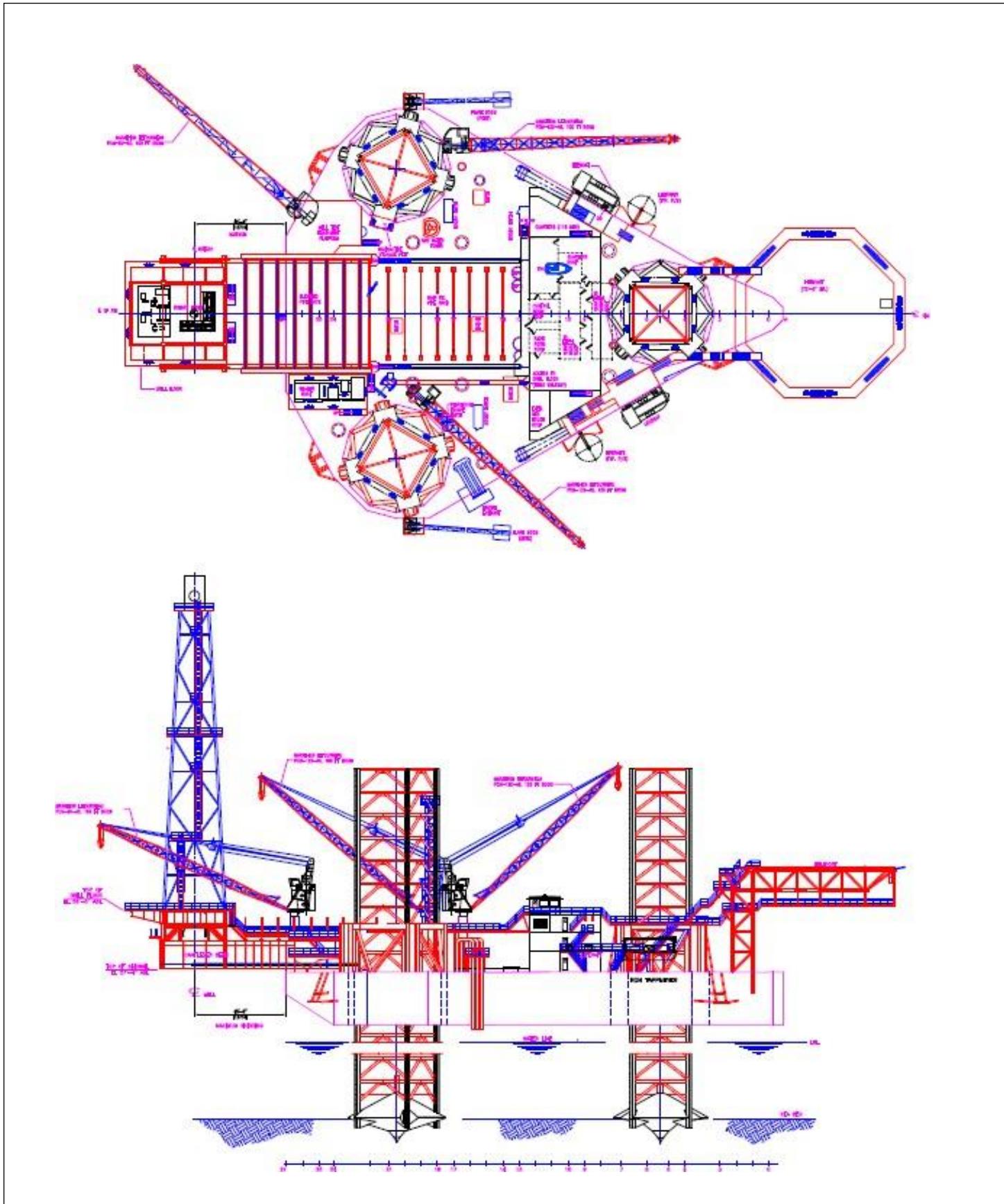
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Ron Tappmeyer

300 Foot Jack-Up Drilling Unit

General Description		Storage Capacities	
Design.....	Marathon LeTourneau 116-C	Liquid Mud	1,830 bbls. (including slug pit)
Year Built.....	1978	Drill Water	5,300 bbls.
Hull Dimensions.....	243 ft. x 200 ft. x 26 ft.	Fuel	3,120 bbls.
Legs (3)	410 ft. long square	Bulk Mud	4,000 cu.ft.
Quarters Capacity.....	116 persons	Bulk Cement	4,000 cu.ft.
Maximum Water Depth.....	300 ft.	Power Equipment	
Cantilever Envelope	45 ft. by 24 ft.	Main Power	Three (3) EMD 16-645-E8 diesel engines, each rated at 2,200 HP continuous power at 900 rpm, driving EMD A20-N6 1,050 kW 600 volts AC generators
Maximum Variable Load (drilling)	Approx. 5,000 kips*	Power Dist.	Four (4) Ross Hill SCR units Model 1600 1,800 amps 600 V DC.
*depending on water depth and geographical location			
Drilling Equipment		Well Control Equipment	
Derrick	Pyramid 147 ft. x 30 ft. x 30 ft., static hook load capacity of 1,000,000 lbs. with twelve (12) 1-1/2 in drilling lines	Diverter	Hydral MSP 29-1/2 in. diverter rated 500 psi with two (2) 12 in. discharge lines and Demco ball valves
Drawworks	Oilwell E-3000, driven by two (2) EMD D-79-MB DC motors 1,000 HP each	BOP Stack	One (1) Cameron 13-5/8 in. 10,000 psi WP Type U double ram preventer; one (1) Cameron 13-5/8 in. 10,000 psi WP Type U single ram preventer; one (1) Hydral GK 13-5/8 in. 5,000 psi WP annular preventer
Rotary Table	Oilwell A37, 37-1/2 in. opening, rated to 650 short tons and driven by an independent 800 HP DC electric motor with two speed gear box	BOP Handling	Two (2) J.D. Neuhaus BOP hoist system 25 short tons each
Top Drive	Varco TDS-4S, 650 short tons, maximum continuous torque 45,500 ft.lbs., with a Varco PH-85 pipe handler	Cranes	
Pipe Handling	NOV ST-80, for handling tubular ranging from 4-1/2 in. to 8-1/2 in OD tubular	Three (3) Marathon LeTourneau PCM-120-AS cranes, 100 ft. booms, rated for 45 short tons at 25 ft. radius.	
Mud Pumps	Two (2) National 12-P-160, 1,600 HP triplex pumps each driven by two (2) EMD D-79-MB DC motors, rated to 5,000 psi working pressure		



Ron Tappmeyer

R-Jan-2023



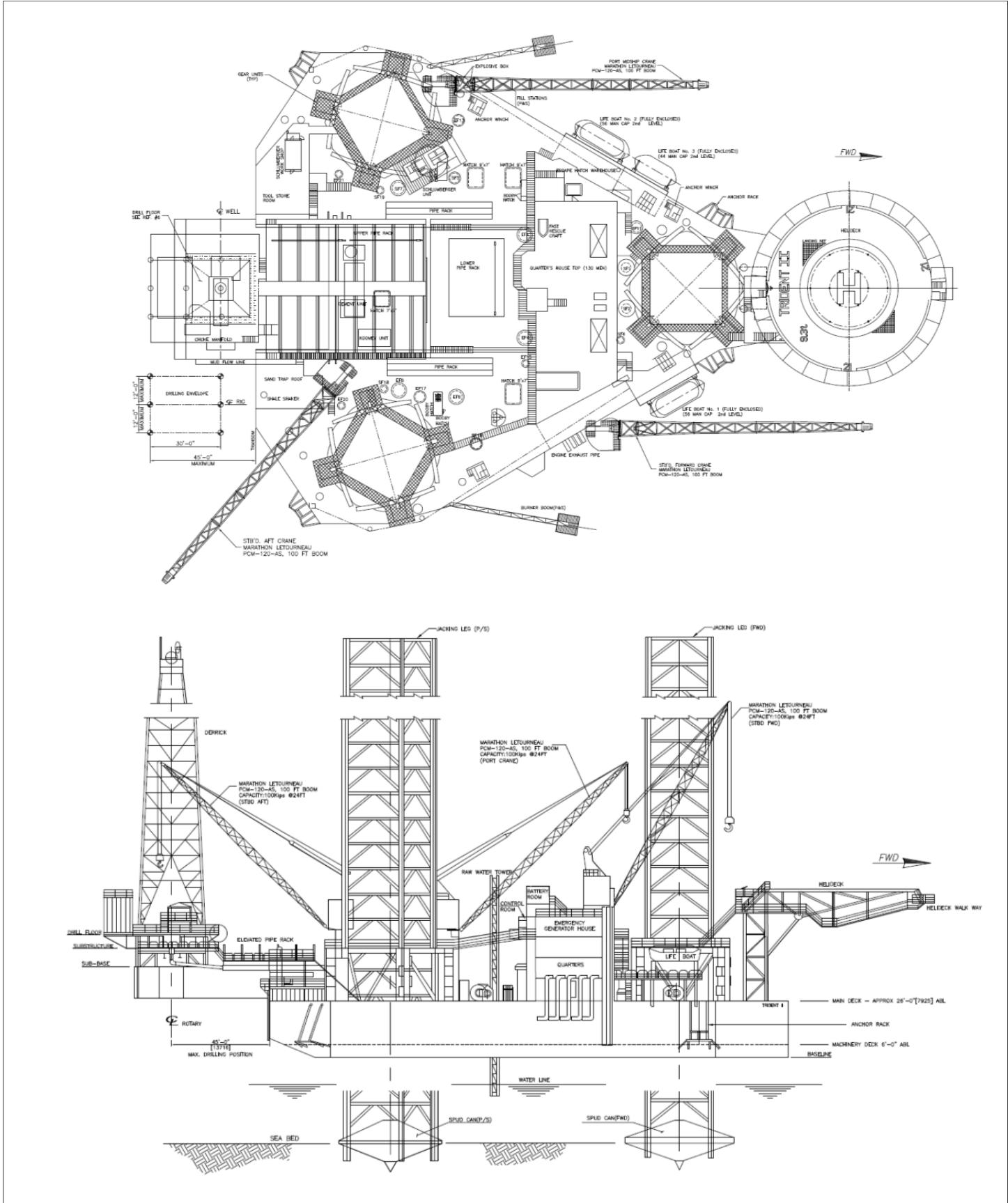
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Trident II

300 Foot Jack-up Drilling Unit

General Description		Storage Capacities	
Design	Marathon LeTourneau 84-SC Mod	Liquid Mud	2,316 bbls
Year Built / Last Upgrade	1977 / 1985	Base Oil	1,113 bbls
Hull Dimensions	237 ft. x 200 ft. x 26 ft.	Drill Water	14,918 bbls
Legs (3)	410 ft. long square legs	Fuel	1,605 bbls
Quarters Capacity	130 persons	Bulk Mud	4,000 cu. ft.
Maximum Water Depth	300 ft.	Bulk Cement	4,000 cu. ft.
Cantilever Envelope	45 ft. by 24 ft.	Power Equipment	
Maximum Variable Load (drilling)	4,500 kips*	Main Power	Five (5) Caterpillar D399TA diesel engines 1,225 HP driving five (5) Kato 1,500 KVA 600 volts AC generators
*depending on water depth and geographical location		Power Dist.	Six (6) General Electric & one (1) Ross Hill SCR units 750 V
Drilling Equipment			
Derrick	Lee C. Moore 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000,000 lbs. with twelve lines (1-3/8 in. drilling line)	Diverters	Hydril MSP 500 psi, 29-1/2 in., with 12 in. discharge lines and two 12 in. hydraulically operated ball valves
Drawworks	Gardner Denver 2100E rated input 2,500 HP driven by three (3) GE 752 DC motors, outfitted with Elmagco 7838 auxiliary electric brake	BOP Stack	One Shaffer 21-1/4 in. 2,000 psi annular preventer and one (1) Cameron Type U 21-1/4 in 2,000 psi double ram preventers
Rotary Table	Oilwell B-37-1/2, 37-1/2 in. maximum opening driven by GE 752 DC motor with 2-speed transmission	BOP Handling	One Shaffer 13-5/8 in., 5,000 psi annular preventer, one (1) Cameron Type U 13-5/8 in. 10,000 psi double ram preventer and one (1) Cameron Type U 13-5/8 in. 10,000 psi single ram preventer
Top Drive	Varco TDS-4S, 650 short tons, 1,000 HP motor, continuous drilling torque 39,154 ft.lbs., with a Varco PH-85 pipe handler	Cranes	2 x 40 short tons Ingersoll Rand / Beebe hoist and trolley handling system
Pipe Handling	NOV ST-80 for tubular OD range from 3-1/2" to 8-1/2"	Three (3) Marathon LeTourneau PCM-120 AS pedestal cranes with 100 ft. boom, rated for 38 tons at 24 ft. radius	
Mud Pumps	Two (2) Gardner Denver PZ-11, 1,600 HP triplex pumps, each driven by two (2) GE 752 DC traction motors		
Solids Control	Three (3) Brandt Dual Tandem scalping shakers; three (3) Derrick 2L48-90F-3P shale shakers; one (1) Derrick FLC 2000 with 3 x 10" cones as desander; one (1) Derrick FLC 2000 with 20 x 4" cones as desilter		



Trident II

R-Aug-2014



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Trident XII

300 Foot Jack-up Drilling Unit

General Description	
Design.....	BMC 300 IC
Year Built	1982
Hull Dimensions.....	212 ft. by 210 ft. by 26 ft.
Legs (3)	429.5 ft. long Triangular
Quarters Capacity.....	112 persons
Maximum Water Depth	300 ft.
Cantilever Envelope.....	45 ft. by 24 ft.
Maximum Variable Load (Drilling).....	Approx. 4,100 kips*

*depending on water depth and geographical location

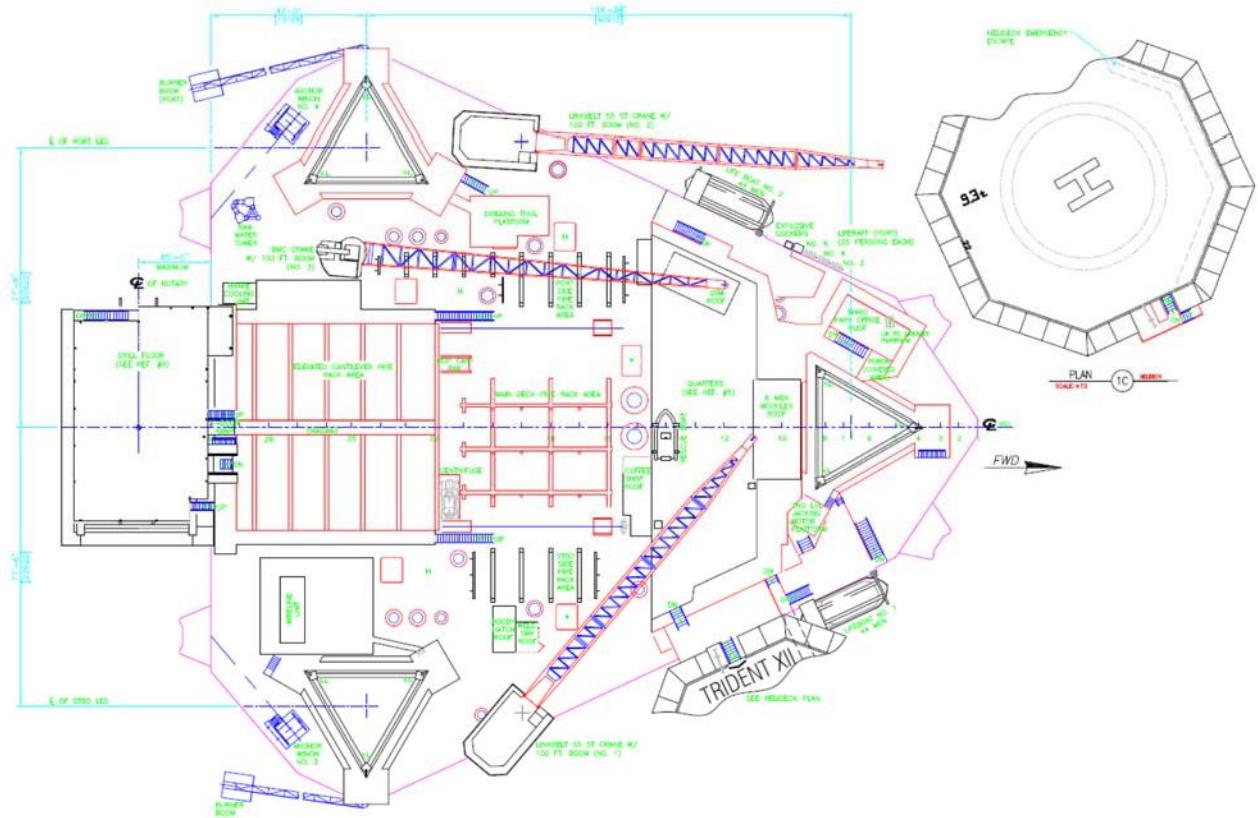
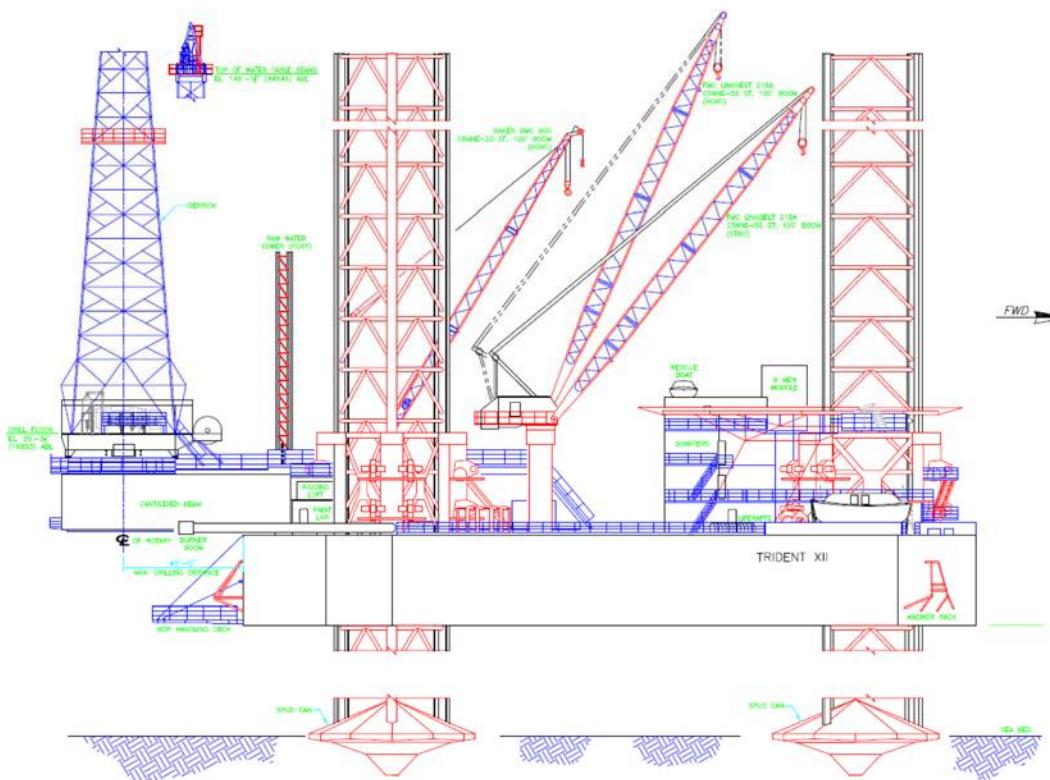
Drilling Equipment	
Derrick	Continental Emsco 28 RD, 160 ft. x 30 ft. x 30 ft., static hook load of 1,050 kips with 12 lines
Drawworks	Oilwell E2000 2,000 hp, driven by two GE 752 DC motors, 1-3/8 in. drilling line, with Elmagco 7838 auxiliary brake
Rotary Table	Oilwell 37.1/2 650 short tons, driven by GE 752 800 hp DC motor
Top Drive	Varco TDS-4S, 750 st 1,100 hp motor, rated to 45,500 ft.lb. maximum continuous torque, outfitted with Varco PH-85 pipe-handler
Tubular Handling	NOV ST80 Iron Roughneck for tubular OD size 4.1/2" to 8.1/2"
Mud Pumps	Two (2) Oilwell A-1700 PT, 5,000 psi triplex pumps, each driven by two (2) GE 752 800 hp DC motors
Solids Control	Three (3) Brandt VSM 300 shakers, 900 GPM total flowrate; one (1) Brandt desander with 2 x 12 in. cones; one (1) Brandt desilter with 16 x 4 in. cones; one (1) Brandt VSM 300 mud cleaner

Storage Capacities	
Liquid Mud	2,203 bbls (including slug pit)
Base Oil	976 bbls
Brine	976 bbls
Drill Water	5,269 bbls
Fuel	4,983 bbls
Bulk Mud	3,750 cu. ft.
Bulk Cement	3,750 cu. ft.

Power Equipment	
Main Power	Five (5) Caterpillar D399 1,215 hp diesel engines driving five (5) GE ATI 1,200 kW 600 volts AC generators
Power Dist.	Four (4) General Electric Generation III SCR system, 750 volts 1,850 kW

Well Control Equipment	
Divertor	Hydril MSP 500, 500 psi, 29.1/2 in. maximum bore with 2 x 12 in. overboard outlets
21-1/4 in. BOP	One (1) Hydril MSP Annular Preventer 2,000 psi; one (1) Cameron Type U double ram preventer 2,000 psi
13-5/8 in. BOP	One (1) NL Shaffer Annular Preventer 5,000 psi; one (1) T3 U Single Ram Preventer 10,000 psi; one (1) Cameron Type U Double Ram Preventer 10,000 psi

Cranes	
	Two (2) FMC ABS-218A pedestal cranes with 100 ft. boom rated to 43.2 short tons at 25 ft. radius; one (1) BMC 900 pedestal crane with 100 ft. boom rated to 24.5 short tons at 20 ft. radius.



Trident XII

R-Apr-2017

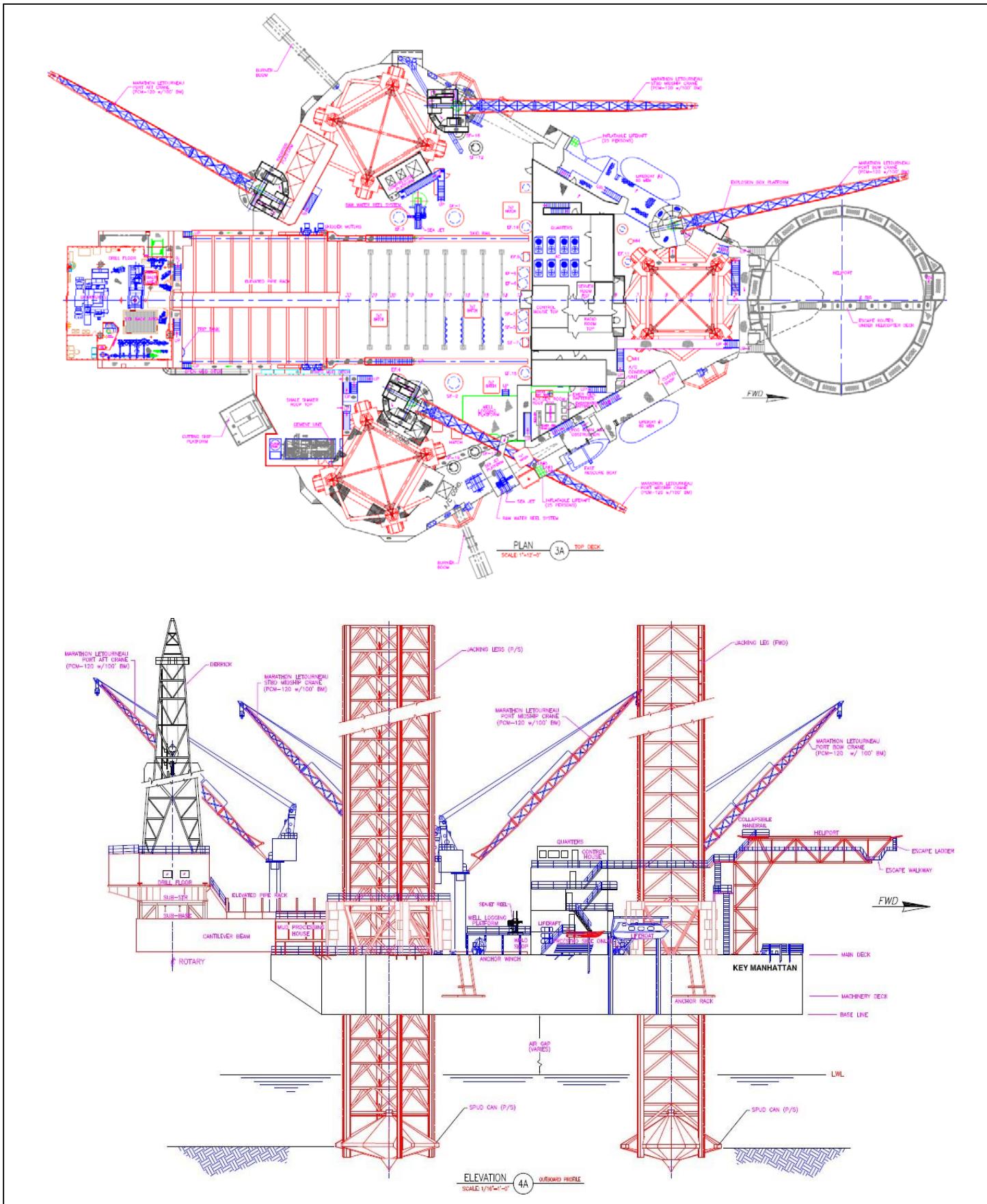
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Key Manhattan

350 Foot Jack-up Drilling Unit

General Description		Storage Capacities
Design.....	Marathon LeTourneau 116-C	Liquid Mud 1,904 bbls (excluding processing tanks)
Year Built / Last Upgrade	1980 / 2010	Drill Water 10,658 bbls
Hull Dimensions	243 ft. x 200 ft. x 26 ft.	Fuel 3,122 bbls
Legs (3)	477 ft. long square legs	Bulk Mud 4,300 cu. ft.
Quarters Capacity.....	101 persons	Bulk Cement 4,300 cu. ft.
Maximum Water Depth	350 ft.	
Cantilever Envelope	60 ft. by 24 ft. (with 15 ft extension)	
Maximum Variable Load (drilling)	Approx. 9,000 kips*	
*depending on water depth and geographical location		
Drilling Equipment		Power Equipment
Derrick	Pyramid standard bolted derrick 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,044,000 lbs. with twelve (12) lines	Main Power Three (3) EMD 16-645-EB diesel engines, 2,200 HP driving three (3) EMD 2,625 KVA
Drawworks	National 1625 DE, driven by two (2) GE 752 DC motors 1,100 HP each, outfitted with Baylor 7838 auxiliary electric brake	Power Dist. Four (4) Baylor & one (1) Tech Power Controls SCR units 750 V, 2,250 amperes
Rotary Table	National C-375, 650 st rated, 37-1/2 in. driven by GE 752 DC motor with 2-speed transmission	
Top Drive	Varco TDS-3H, 500 short tons, 1,100 HP motor, continuous drilling torque 31,000 ft.lbs. with a Varco PH-85 pipe handler	
Pipe Handling	National ST-80 for tubular OD range from 4-1/4" to 8-1/2"	
Mud Pumps	Three (3) National 12-P-160, 1,600 HP triplex pumps, each driven by two (2) GE 752 DC traction motors	
Solids Control	Three (3) Derrick High Flo-line FLC 2000 and one (1) Derrick Hi G cuttings dryer, configured to take the underflow from the desilter and act as a mud cleaner or fourth shaker as operations require	
Well Control Equipment		Well Control Equipment
Diverter	Hydril MSP 500 psi, 29-1/2 in., with 16 in. discharge lines and two 16 in. hydraulically operated ball valves	
BOP Stack	One Hydril Type MSP 21-1/4 in. 2,000 psi annular preventer and one (1) Cameron Type U 21-1/4 in 2,000 psi double ram preventers	
BOP Handling	One Hydril GK 13-5/8 in., 5,000 psi annular preventer, two (2) Cameron Type U 13-5/8 in. 10,000 psi double ram preventer	
	Beebe hoists and trolley handling system with four (4) hoists rated 25 short tons	
Cranes		Cranes
		Four (4) Marathon LeTourneau PCM-120 AS pedestal cranes (3 x DC driven, 1 x AC driven) with 100 ft. boom, rated for 45.4 MT at 24 ft. radius



Key Manhattan

R-Mar-2019



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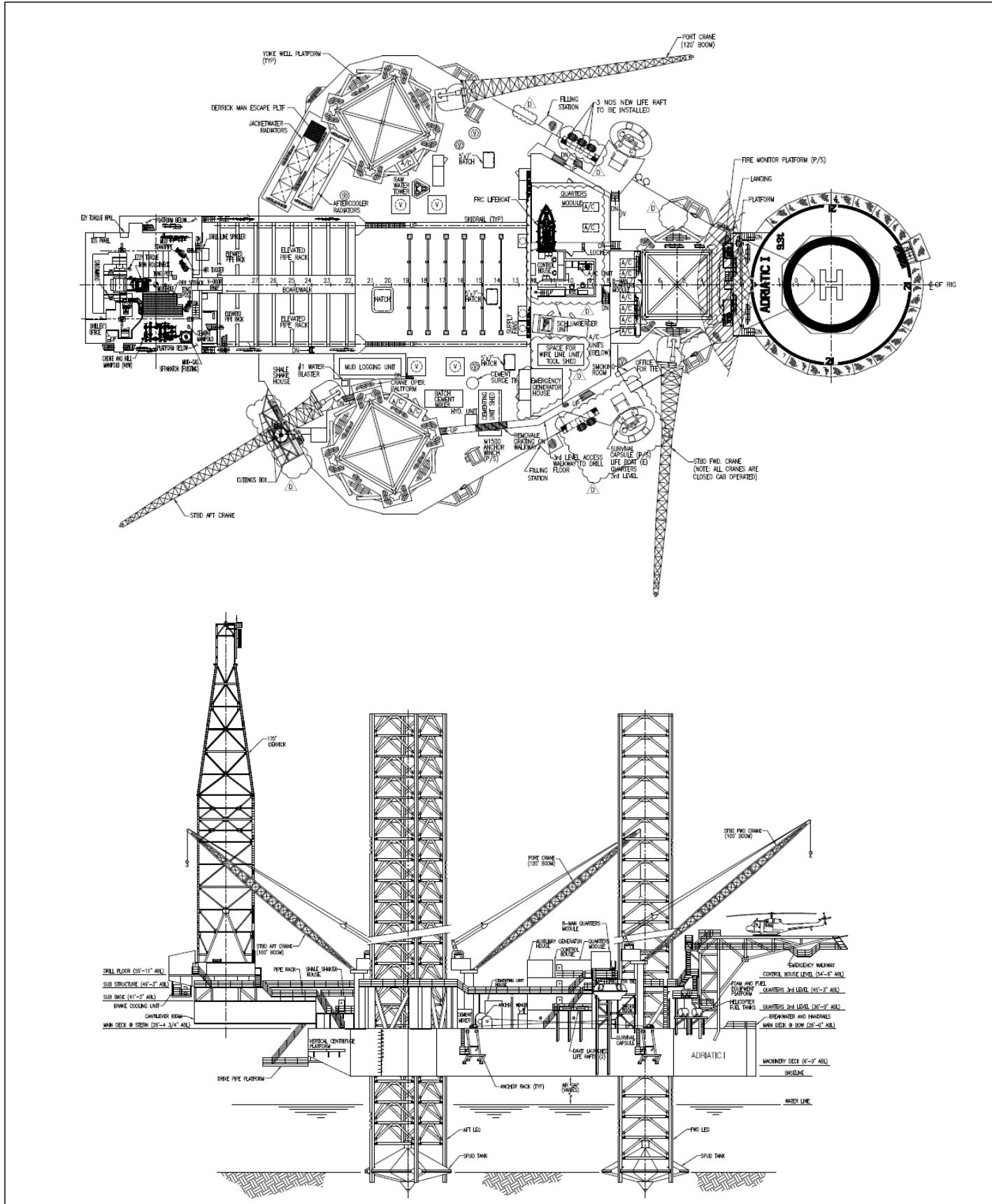
350 Foot Jack-Up Drilling Unit

General Description		Storage Capacities	
Design	Marathon LeTourneau 116-C	Liquid Mud	2,210 bbls
Year Built / Last Upgrade	1981 / 2014	Base Oil	1,294 bbls
Hull Dimensions	243 ft. x 200 ft. x 26 ft.	Drill Water	11,759 bbls
Spud Can Diameter	46 ft.	Fuel	2,799 bbls
Legs (3)	477 ft. long square legs	Bulk Mud	5,500 cu. ft.
Quarters Capacity	120 persons	Bulk Cement	4,200 cu. ft.
Maximum Water Depth	350 ft.	Power Equipment	
Cantilever Envelope	60 ft. by 24 ft. (with 15 ft. extension)	Main Power	Five (5) Caterpillar 3516-B diesel engines, 1,855 HP, driving five (5) KATO 600 volt, 1,305 kw AC generators
Maximum Variable Load (drilling)	Approx. 8,800 kips*	Power Dist.	Five (5) Ross Hill SCR units, 2000 amps each, powering ten (10) drilling motors
*depending on water depth and geographical location			
Drilling Equipment			
Derrick	Pyramid bottleneck derrick 170 ft. x 30 ft. x 30 ft., static hook load capacity 1,500,000 lbs. with fourteen lines	Diverters	Hydril MSP, 29-1.2 in. diverter, 500 psi working pressure with two (2) 16 in. discharge lines
Drawworks	National Oilwell 1625 DE, 3,000 HP, driven by three (3) GE 752 DC motors, with drum brake and a Baylor Elmagco 7838 auxiliary electric brake	BOP Stack	13-5/8 in. x 10,000 psi WP BOP stack, with two (2) Cameron Type U double ram preventers and one (1) Hydril GK 13-5/8 in. 5,000 psi WP annular preventer
Rotary Table	National-Oilwell C-375, 37-1/2 in. driven by GE 752 electric motor, 2 speed gear box	BOP Handling	2 x 25 short ton hoist and trolley handling system
Top Drive	Varco TDS-4S, 750 short tons, 1,100 HP, continuous drilling torque 45,500 ft.lbs with a Varco PH-85 pipe handler	Well Control Equipment	
Pipe Handling	Varco AR-3200 iron roughneck for handling tubular ranging from 3-1/2 in. drill pipe to 11-1/4 in drill collars	Crane	Three (3) Marathon LeTourneau PCM-120 pedestal cranes, 2 x 100 ft. booms, rated for 50 short tons at 24 ft. radius; 1 x 120 ft. booms, rated for 43 short tons at 28 ft. radius
Mud Pumps	Three (3) National Oilwell 12-P-160, 1,600 HP triplex pumps, each driven by two GE 752 Hi-Torque DC motors. High pressure mud piping rated to 7,500 psi working pressure.	Special Features	
Solids Control	Four (4) MI Swaco Mongoose Pro linear motion shakers; two (2) MI Swaco desander units with 3 x 12" cones	Fifteen (15) ft. pin on extensions are available to increase the cantilever maximum skid out distance to 60 ft. aft of the stern.	

R-Nov-2018



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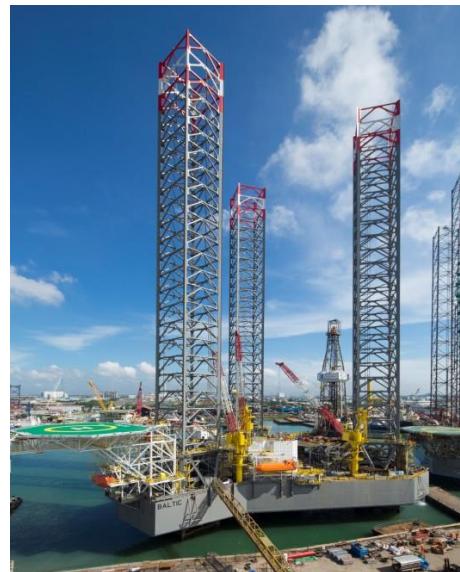


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R-Nov-2018



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Baltic

375 Foot Jack-Up Drilling Unit

General Description

Design	Marathon LeTourneau Super 300
Year Built / Last Upgrade	1983 / 2015
Hull Dimensions	270 ft. x 268 ft. x 28 ft.
Spud Can Diameter	55 ft.
Legs (3)	515 ft. long square
Quarters Capacity	120 persons
Maximum Water Depth	375 ft.
Cantilever Envelope	60 ft. by 24 ft.
Maximum Variable Load (drilling)	Approx. 7,800 kips*

*depending on water depth and geographical location

Drilling Equipment

Derrick	Brown Services 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,300,000 lbs. with fourteen (14) lines
Drawworks	National 1625 DE 2,700 HP driven by three (3) GE 752 DC motors and outfitted with a Baylor 7838 auxiliary electric brake
Rotary Table	National C-495, 49-1/2 in. maximum opening driven by independent electric motor
Top Drive	Varco TDS-4S 650 short tons, continuous drilling torque rated to 50,900 ft. lbs., with a Varco PH-85 pipe handler
Pipe Handling	Varco AR-3200 Iron Roughneck for tubular OD sizes from 3-1/2" to 11-1/4"
Mud Pumps	Three (3) National 14-P-220, 2,200 HP triplex pumps each driven by two (2) GE 752 Hi-Torque DC traction motors, rated to 7,500 psi
Solids Control	Five (5) Derrick FLC 513 shale shakers
Instrumentation	NOV Rig Sense drilling instrumentation system

Storage Capacities

Liquid Mud	1,977 bbls. (excluding processing tank)
Drill Water	12,791 bbls.
Base Oil	1,680 bbls.
Brine	1,116 bbls.
Bulk Mud	6,800 cu. ft.
Bulk Cement	6,800 cu. ft.

Power Equipment

Main Power	Five (5) 3516 Caterpillar diesel engines 1,855 HP driving five (5) Kato 6P 7-2525 1,305 KW generators
Power Dist.	Five (5) Ross Hill SCR units 1,600 amps each, powering ten (10) drilling motors

Well Control Equipment

Divertor	T3 29.1/2 in. diverter rated to 500 psi WP with two (2) 12 in. discharge lines and 12 in. hydraulically operated ball valves
BOP Stack	13-5/8 in. x 10,000 psi WP BOP stack, with two (2) Cameron U double ram preventers and one (1) Hydril GK 13-5/8 in. 5,000 psi WP annular
BOP Handling	4 x 37.5 tons Ingersoll Rand hoist and trolley system

Cranes

Three (3) Marathon LeTourneau PCM-220 SS cranes, 2 x 140 ft. booms, 1 x 100 ft. boom rated for 50 short tons at 50 ft. radius

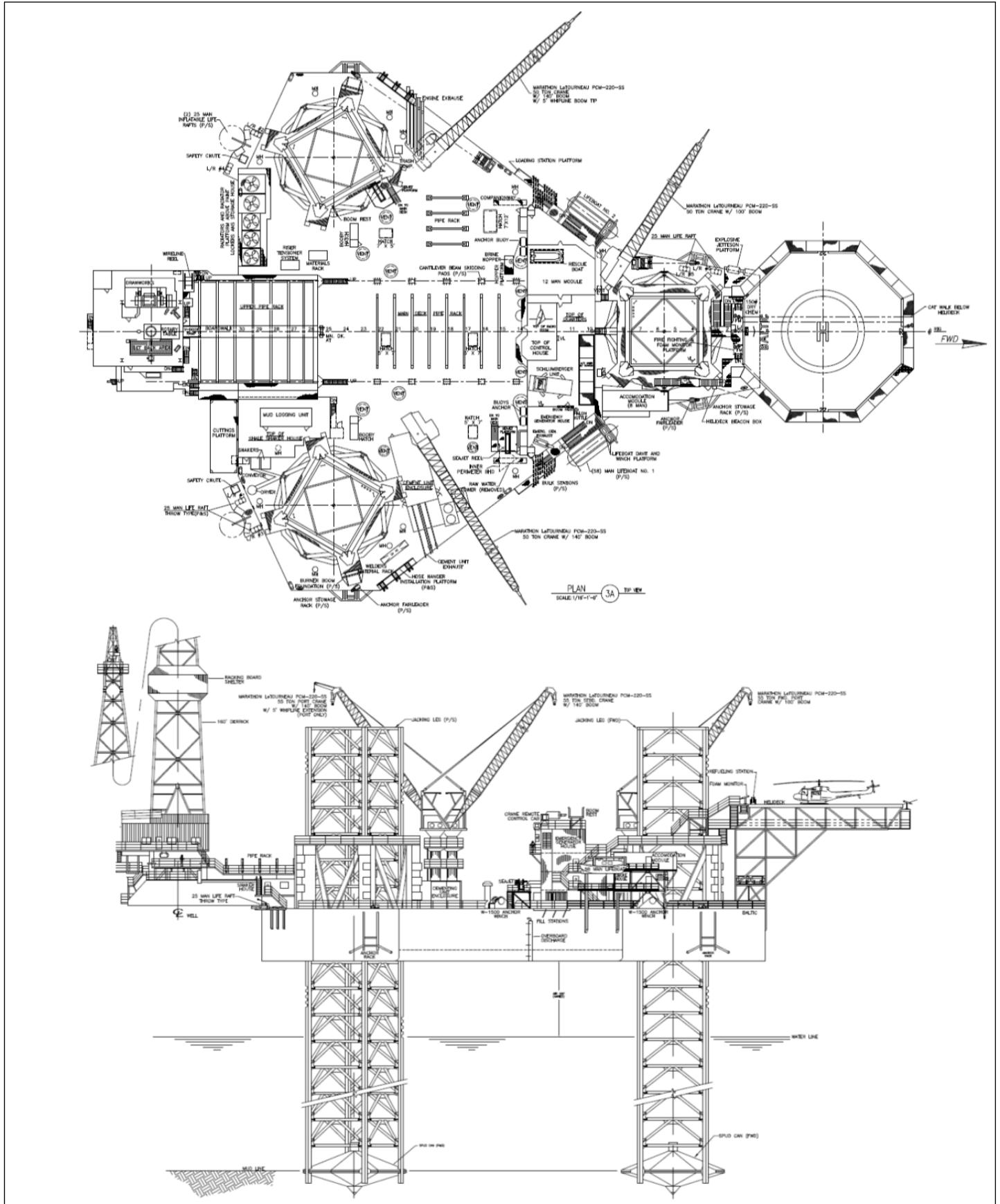
Special Features

CTU	200 kips Conductor Tensioning Unit positioned below the drill floor provides tension at well centerline position
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R-May-2015



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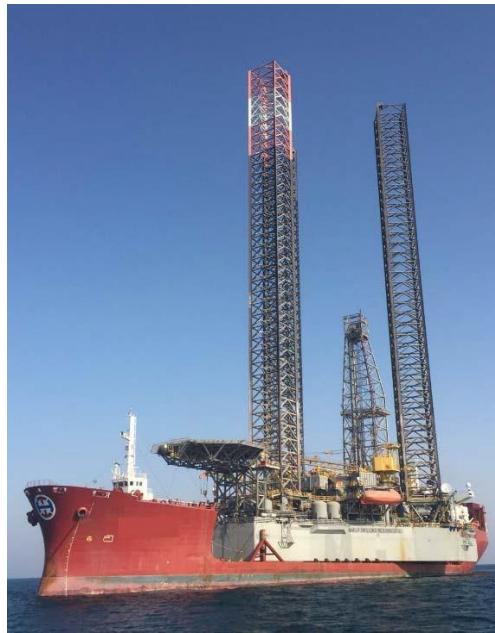


Baltic

R-May-2015



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Shelf Drilling Resourceful

350 Foot Jack-Up Drilling Unit

General Description

Design.....	LeTourneau Super 116-C
Year Built / Last Upgrade.....	2008 / 2017
Hull Dimensions	243 ft. x 206 ft. x 26 ft.
Legs (3).....	477 ft. long square legs
Quarters Capacity	118 persons
Maximum Water Depth.....	350 ft.
Cantilever Envelope.....	70 ft. by 30 ft.
Max Variable Load (drilling).....	Approx. 8,000 kips*

*depending on water depth and geographical location

Drilling Equipment

Derrick	NOV Dreco bottleneck derrick, 170 ft high with 35 ft x 32 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-5/8" drilling lines.
Drawworks	NOV 1625 UDBE, 3,000 HP, driven by three (3) GE 752 DC motors each rated 1,130 HP continuous, outfitted with a Baylor 15050 auxiliary electric brake
Rotary Table	NOV D495, hydraulic, 1,000 short tons with 49-1/2 maximum opening
Top Drive	NOV TDS-8SA, 750 short tons, rated to 62,250 ft.lbs maximum continuous torque, outfitted with PH-100 pipe-handler
Pipe Handling	NOV Model 30120 Iron Roughneck for handling tubular OD range from 3-1/2" to 9-3/4"
Mud Pumps	Three (3) Lewco W-2214 triplex mud pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) DC motors rated 1,085 HP continuous
Solids Control	Four (4) NOV Brandt VSM 300 shale shakers; one (1) NOV Brandt Mud Conditioner with 3 x 12" cones & 24 x 4" cones installed on one of the above shakers
Instrumentation	MD Totco drilling instrumentation system

Storage Capacities

Liquid Mud (including slug pits)	3,252 bbls.
Base Oil	1,124 bbls.
Brine.....	734 bbls.
Drill Water	11,300 bbls.
Fuel.....	2,024 bbls.
Bulk Mud (4 silos)	6,400 cu.ft.
Bulk Cement (3 silos)	4,800 cu.ft.
Sack Storage	5,000 sacks

Power Equipment

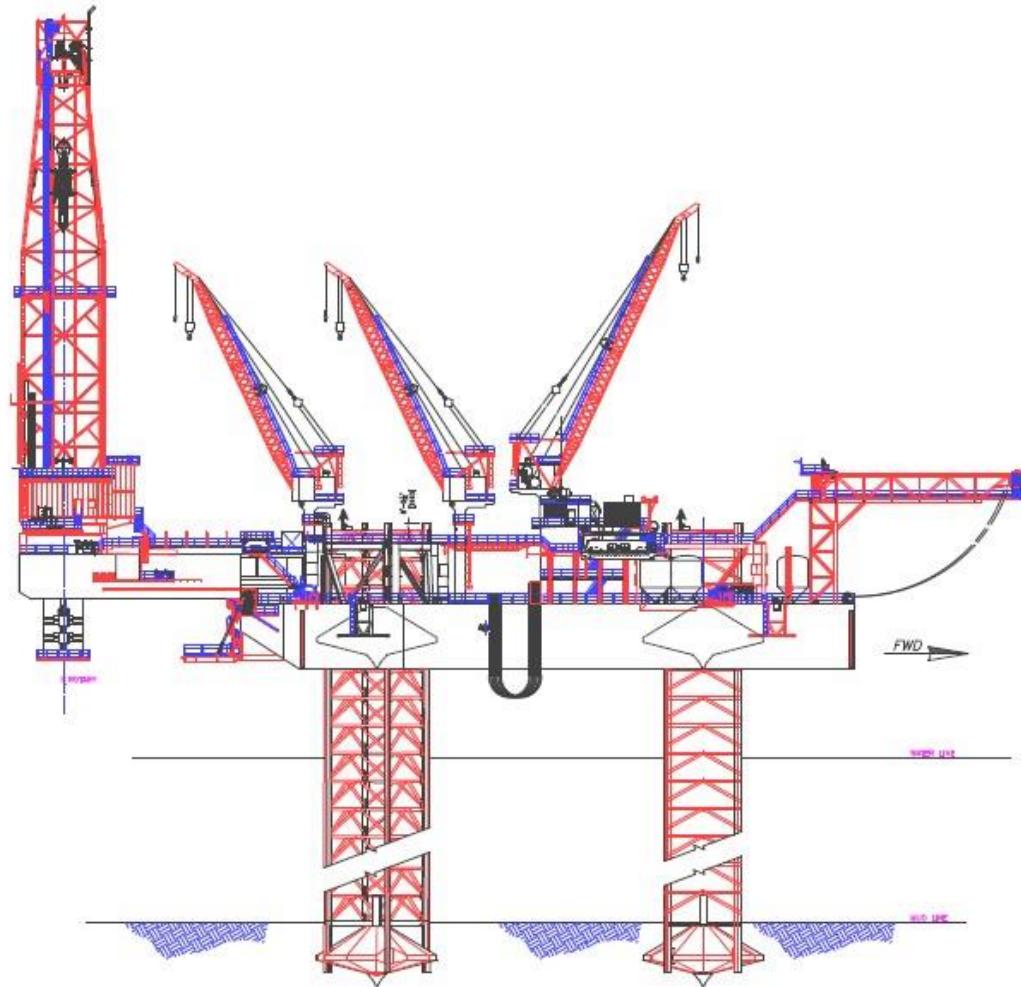
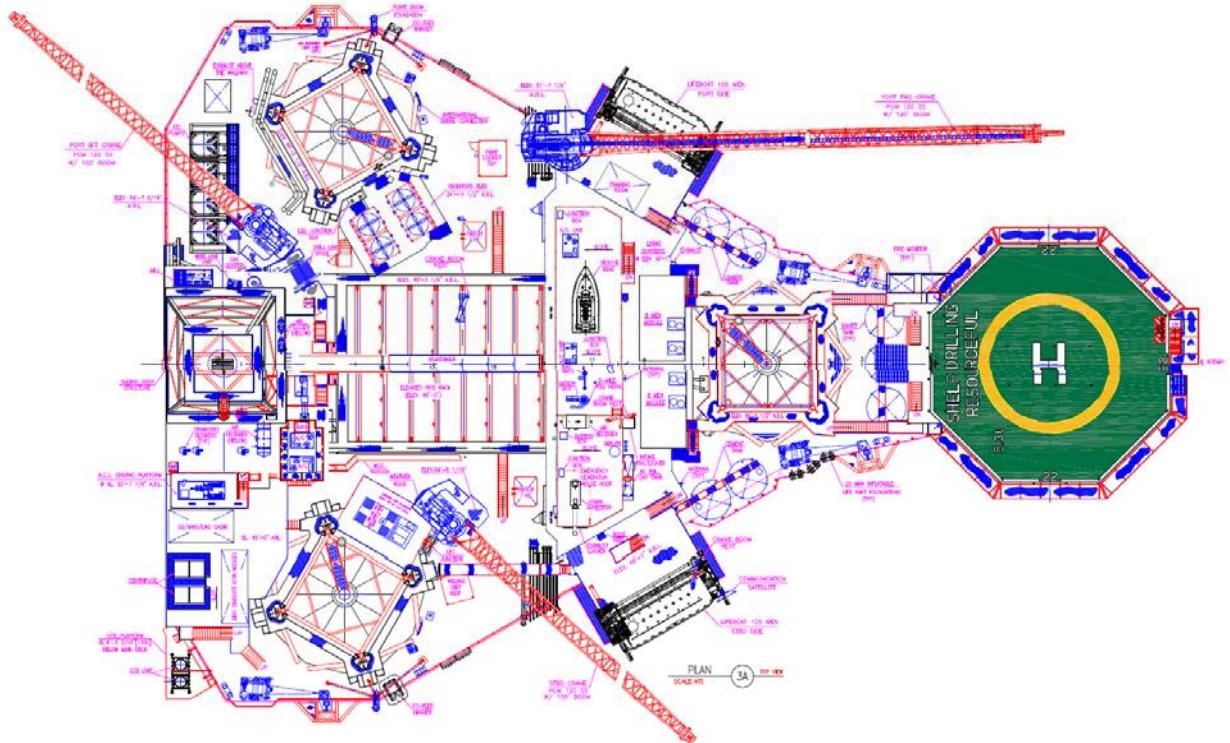
Main Power	Four (4) Caterpillar 3516B-HD diesel each rated 2,150 HP @ 1,200 rpm and driving Baylor 1,500 KW AC generators
Power Dist.	Four (4) NOV IPS SCR System, 750 V AC
E-Gen	One (1) Caterpillar 3516B-HD engine rated 2,150 HP driving Baylor 1,500 KW AC generators (E-Gen power can be tied to the main power system).

Well Control Equipment

Divertor	One (1) Shaffer 30" diverter, 500 psi working pressure with two (2) 12" discharge lines
BOP Stack	One (1) Shaffer 21-1/4" 2K annular preventer; one (1) NOV T3 21-1/4" 2K double ram preventer
	One (1) Hydril GK 13.5/8" 5K annular preventer; two (2) Cameron Type U 13.5/8" 10K double ram preventer
BOP Handling	Two (2) Industrial Air Tools hoists system each rated to 75 metric tons, SWL 150 MT

Cranes

Three (3) LeTourneau PCM-120SS cranes: two (2) cranes with 100 ft. boom (port aft & starboard) rated to 49.2 short tons at 22 ft radius and one (1) crane with 120 ft. boom (port forward) rated to 41.6 short tons at 25 ft. radius.



Shelf Drilling Resourceful

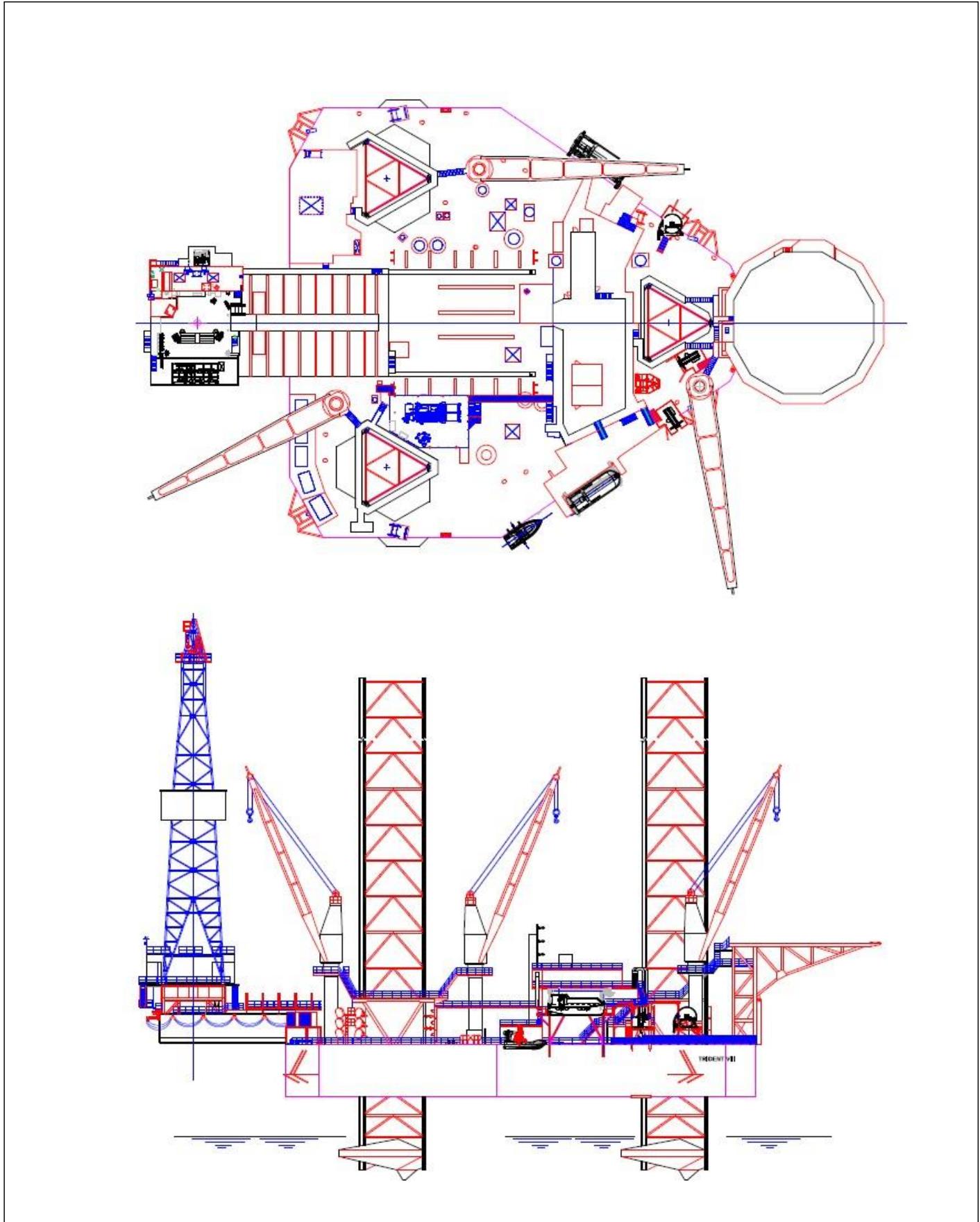
R-Nov-2020



Trident VIII

300 Foot Jack-up Drilling Unit

General Description		Storage Capacities			
Design.....	Modec 300 C-35	Liquid Mud	2,338 bbls (including Slug Pit)		
Year Built / Last Upgrade	1981 / 2018	Base Oil	609 bbls		
Hull Dimensions.....	230 ft. by 210 ft. by 24 ft.	Drill Water	14,825 bbls		
Legs (3).....	408 ft. long Triangular	Fuel	3,473 bbls		
Quarters Capacity.....	116 persons	Bulk Mud	4,500 cu. ft.		
Maximum Water Depth	300 ft.	Bulk Cement	4,500 cu. ft.		
Cantilever Envelope.....	45 ft. by 24 ft. (or 55 ft by 24 ft. with extension)	Power Equipment			
Maximum Variable Load (drilling)	Approx. 6,900 kips*	Main Power	Four (4) Cat D399 1,215 HP each + one (1) Cat D3512 1,284 HP engines, driving five (5) GE ATI 1,200 kW 600V AC generators		
<i>*depending on water depth and geographical location</i>		Power Dist.	Seven (7) Hill Graham / Alstom SCR with 750 volts 1,200 kW		
Drilling Equipment					
Derrick	Branham 160 ft. x 30 ft. x 30 ft., static hook load of 1,044 kips with twelve (12) lines	Diverters	Regan KFDJ diverter, 500 psi, 27-1/2 in. maximum bore		
Drawworks	Gardner Denver 1500 RE 2,000 HP driven by two GE 752 DC motors, 1-1/2 in. drilling line, with Elmagco 7838 auxiliary brake	13-5/8 in. BOP	One (1) Hydril GK 5K annular preventer; two (2) Cameron Type U 10K double ram preventers		
Rotary Table	National C-375 650 short tons, driven by GE 752R 800 HP motor	Well Control Equipment			
Top Drive	Varco TDS-4S, 650 st with 1,100 HP motor, 45,500 ft.lbs. continuous torque @ 130 rpm; Varco PH85 pipe-handler system	Crane	Three (3) Marathon LeTourneau PCM-120 pedestal cranes: one (1) crane with 100 ft. boom rated for 50 short tons at 24 ft. radius; two (2) cranes with 120 ft. booms, rated for 42.5 short tons at 28 ft. radius.		
Tubular Handling	NOV ST-80 for tubular OD size 4.1/4" to 8.1/2"	Special Features			
Mud Pumps	Three (3) Gardner Denver PZ11, 5,000 psi triplex pumps, each driven by two GE 752 800 HP DC motors	Shallow Draft			
Solids Control	Four (4) Brandt VSM 300 dual deck shakers 1,050 GPM; one (1) Brandt VSM 300 desander with 3 x 12" cones 1,000 GPM; one (1) Brandt VSM 300 mud cleaner with 20 x 4" cones	Shallow Draft			
Shallow Draft: The rig is designed to transit in water depths as shallow as 11 ft (LAT).					
Ten (10) ft. pin on extensions are available to increase the cantilever maximum skid out distance to 55 ft. aft of the stern					



Trident VIII

R-Nov-2018



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Shelf Drilling Tenacious

375 Foot Jack-Up Drilling Unit

General Description

Design	Baker Marine Pacific Class 375
Year Built / Last Upgrade	2007 / 2022
Hull Dimensions	236.5 ft. x 224.4 ft. x 27.9 ft.
Legs (3)	506 ft. long triangular legs
Quarters Capacity	150 persons
Maximum Water Depth	375 ft.
Cantilever Envelope	85 ft. by 30 ft. (with 15 ft. extension)
Max Variable Load (drilling)	Approx. 10,000 kips*

*depending on water depth and geographical location

Drilling Equipment

Derrick	Bailys Derrick Services, 187 ft high with 35 ft x 35 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-5/8" drilling lines.
Drawworks	NOV Dreco D3000UE AC 3,000 HP rated input power driven by three (3) Baylor motors each rated 1,350 HP continuous
Rotary Table	National Oilwell D-495, hydraulic, 750 short tons with 49-1/2 maximum opening
Top Drive	Cameron Top Drive TD-750-AC-1M-C, 750 short tons, with a GE Model GBB28 1,500 HP motor, rated to 76,500 ft.lb. maximum continuous torque at 102 RPM
Pipe Handling	Two (2) Sr. Hawk Jaw 100K-2GSR. for tubular OD from 9-1/2" to 4" OD (one for main rotary & one for offline); one (1) Forum 22K-OAC-R Offline Activity Crane 22,000 lbs SWL; one (1) offline mousehole for handling tubular up to 9-5/8" OD; two (2) Forum Multi-Purpose Cranes rated 15,000 lbs SWL
Mud Pumps	Three (3) National Oilwell 14-P-220 triplex pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) Baylor motors rated 1,350 HP continuous
Solids Control	Four (4) MI Swaco MD-2 dual deck balanced elliptical motion shale shakers
Instrumentation	NOV Hitec Cyber-base drilling instrumentation

Storage Capacities

Liquid Mud (including slug pit)	4,196 bbls.
Base Oil	2,634 bbls.
Brine	1,290 bbls.
Drill Water	10,213 bbls.
Fuel	4,174 bbls.
Bulk Mud (3 silos)	5,827 cu.ft.
Bulk Cement (3 silos)	5,827 cu.ft.
Sack Storage	5,000 sacks

Power Equipment

Main Power	Five (5) Caterpillar 3516B-HD DITA engines each rated 2,150 HP @ 1,200 rpm driving Baylor 1,720 KW AC generators
Power Dist.	ABB ACS 800 AC drilling system with VFD for 10 motors and 3 braking resistors, 7,500 KW total max continuous power

Well Control Equipment

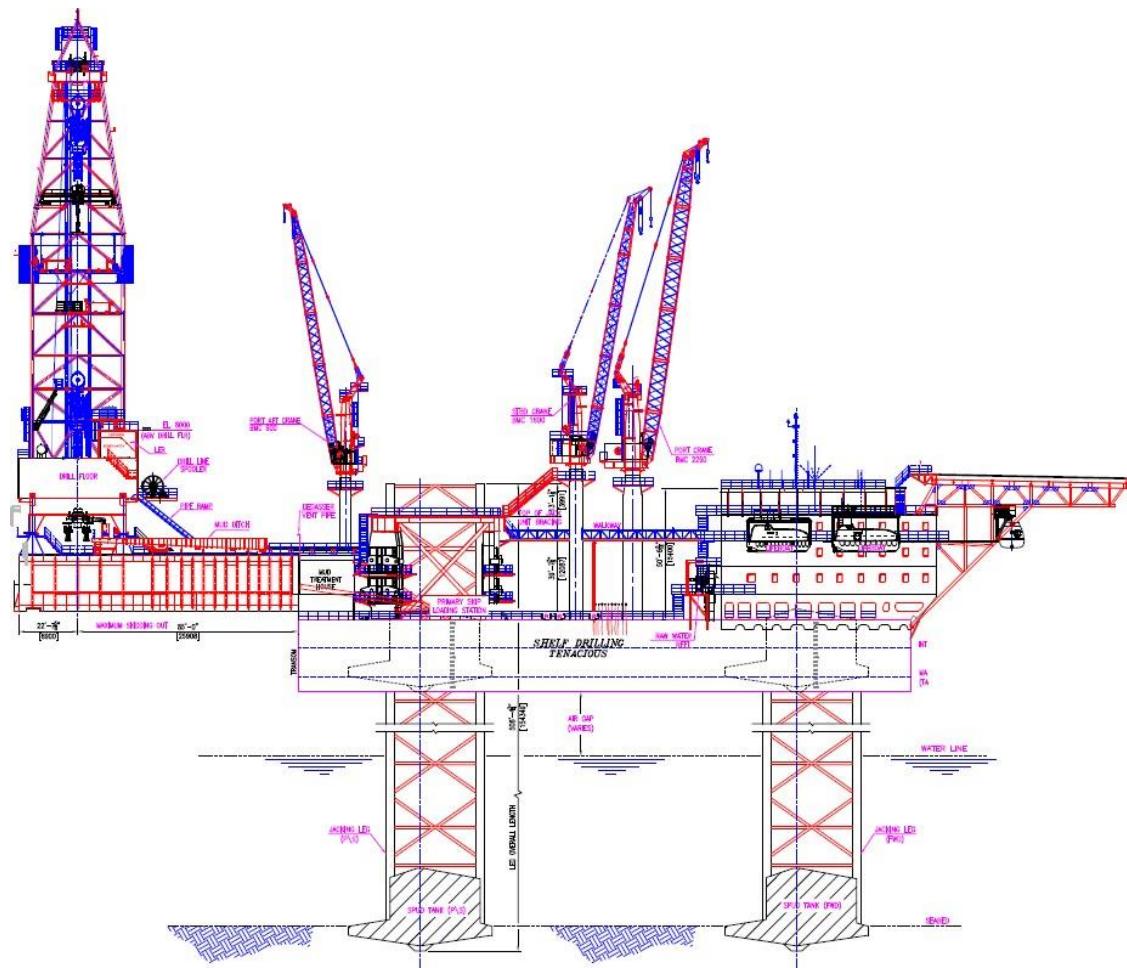
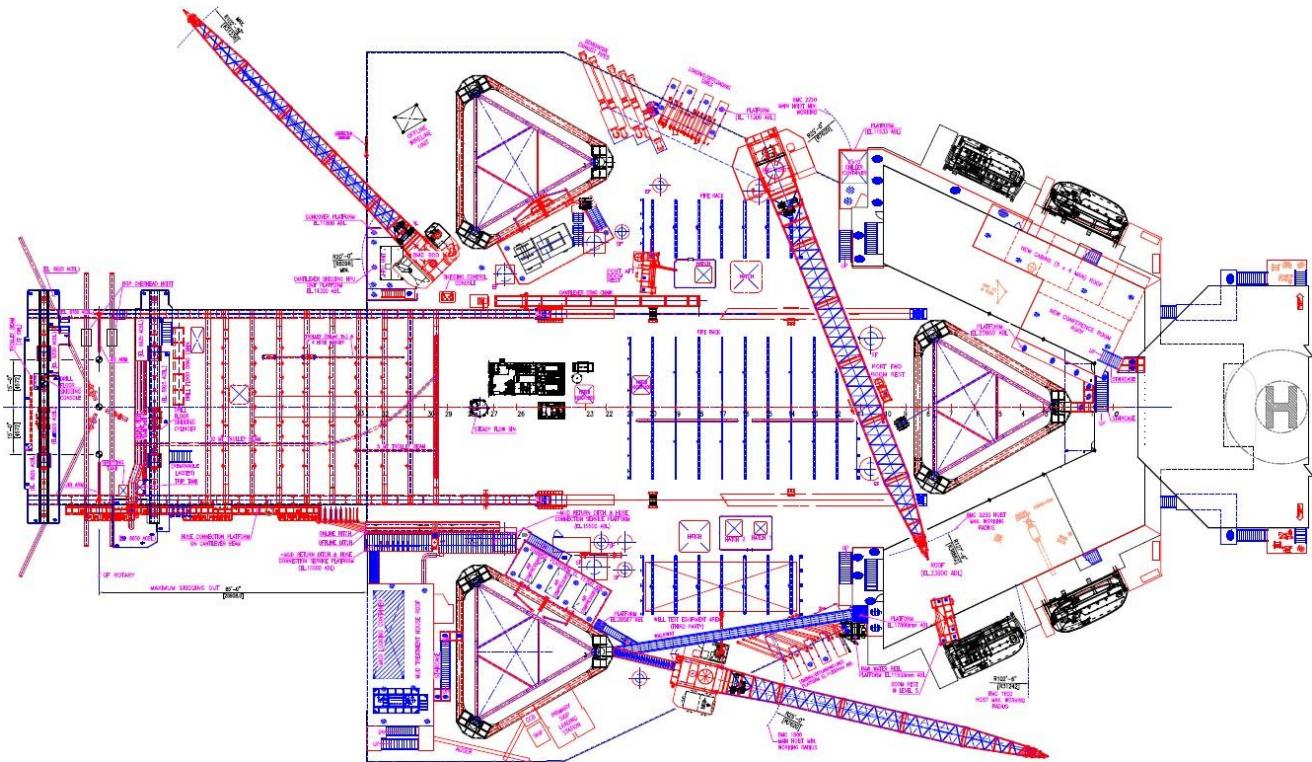
Divertor	ABB Vetco Gray KFDJ 500 psi WP, 47" maximum bore and 27-1/2" min through bore, with two (2) 12" overboard lines
BOP Stack	One (1) Hydril GL 13-5/8 5,000 psi annular preventer; two (2) Cameron Type U 13-5/8" 10K double ram preventers
BOP Handling	Two (2) JD Neuhaus EH-60T hoists 60 MT, SWL 120 MT

Cranes

One (1) BMC 2250 crane 120 ft boom rated 55 short tons at 25 ft. radius; one (1) BMC 1600 crane 100 ft boom rated 45 short tons at 25 ft. radius; and one (1) BMC 900 crane 100 ft boom rated 25 short tons at 20 ft. radius.

Special Features

Extended cantilever reach for up to 85 ft aft. Capable of making up & racking drill pipe stands offline. Capable of in-field moves with 299 kips of tubular in the derrick subject to acceptable weather.



Shelf Drilling Tenacious

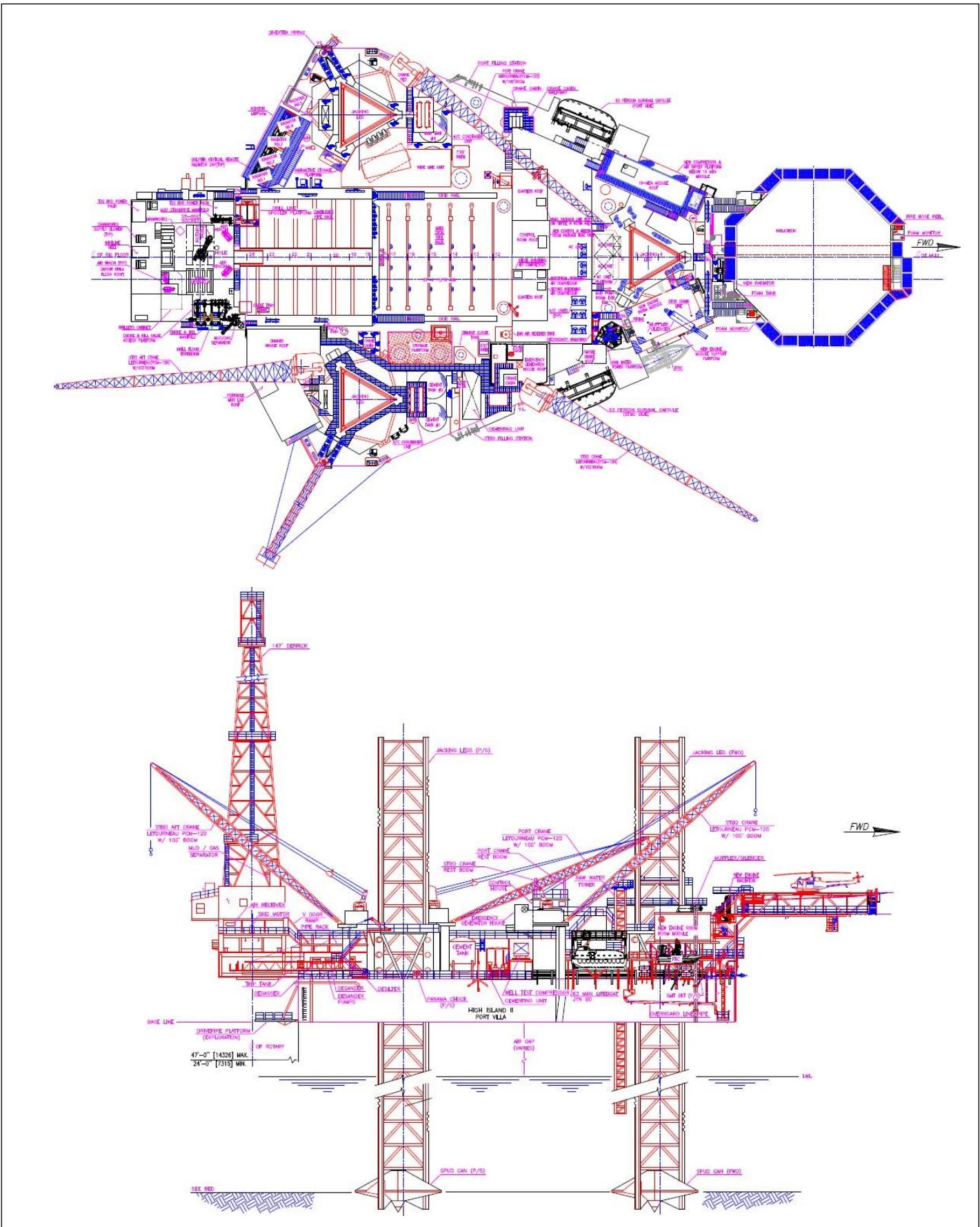
R-Feb-2022 (10K)



High Island II

270 Foot Jack-Up

General Description		Storage Capacities			
Design	Marathon LeTourneau 82-SD-C	Liquid Mud	2,287 bbls. (including slug pits)		
Year Built / Last Upgrade	1979 / 2021	Base Oil	410 bbls.		
Hull Dimensions	207 ft. x 176 ft. x 20 ft.	Oil Based Mud	530 bbls.		
Legs (3)	394 ft. long triangular	Drill Water	6,619 bbls.		
Quarters Capacity	99 persons	Fuel	2,287 bbls.		
Maximum Water Depth	270 ft.	Bulk Mud	5,100 cu. ft.		
Cantilever Envelope	47 ft. by 20 ft. (with 7 ft. extension)	Bulk Cement	3,400 cu. ft.		
Maximum Variable Load (drilling)	Approx. 4,800 kips*				
*depending on water depth and geographical location					
Drilling Equipment					
Derrick	Continental Emsco 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000,000 lbs. with twelve (12) lines	Main Power	Four (4) Caterpillar D-399TA 1,215 HP engines driving four (4) Kato 1,030 KW 600 volt AC generators plus one (1) Caterpillar 3516C engines driving a Kato 1,525 KW 600 volt AC generator		
Drawworks	National 1320 UE, rated input power 2,000 HP, driven by two (2) GE 752 series DC motors, outfitted with Baylor 7838 auxiliary electric brake	Power Dist.	Four (4) Ross Hill SCR units Model 1500, 750 volts		
Rotary Table	National C-375, 37-1/2 in. driven by an independent DC electric motor with two speed gear box	BOP Equipment			
Top Drive	Varco TDS-3H, 500 short tons, 1,130 HP, rated to 31,000 ft.lbs. maximum continuous torque, outfitted with a Varco PH-85 pipe handler	Divert	Shaffer 30 in. annular rated to 1,000 psi outfitted with two (2) 12 in. discharge lines		
Pipe Handling	NOV ST-80 for handling tubular ranging from 4-1/2 in. to 8-1/2 in OD.	BOP Stack	13-5/8 in. 10,000 psi WP BOP stack consisting of one (1) Shaffer LXT single ram, one (1) Shaffer LXT double ram equipped with Low Force Shear (LFS) capability and one (1) Shaffer 13-5/8 in. 5,000 psi WP annular		
Mud Pumps	Two (2) National 12-P-160 triplex pumps 1,600 hp, each driven by two (2) GE 752 DC motors, rated to 5,000 psi working pressure.	BOP Handling	Ingersoll Rand hoist and trolley handling system with four (4) lift points, 100 short tons safe working load		
Solids Control	Three (3) NOV Brandt VSM 300 shale shakers plus one (1) NOV Brandt VSM 300 shale shaker equipped with 3 x 10" desander cones and 24 x 4" desilter cones	Cranes			
Three (3) Marathon LeTourneau PCM-120 electric cranes with 100 ft. booms, rated for 50 short tons at 24 ft. radius					
Special Features					
A seven (7) ft. cantilever extension is available to increase the cantilever maximum skid out distance to 47 ft.					



High Island II

R-Apr-2022



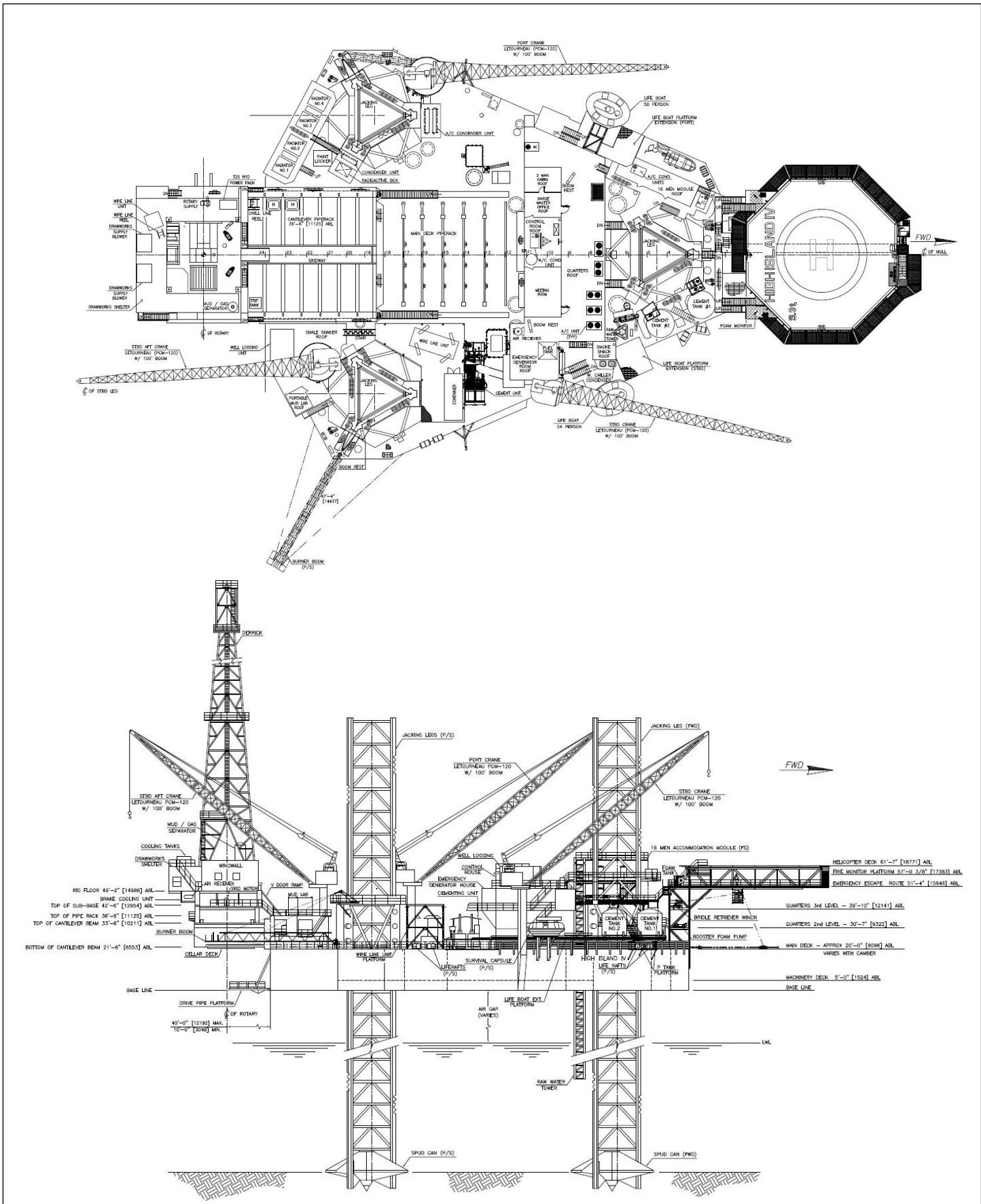
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High Island IV

270 Foot Jack-Up

General Description		Storage Capacities	
Design	Marathon LeTourneau 82-SD-C	Liquid Mud	2,249 bbls. (including slug tanks)
Year Built / Last Upgrade	1980 / 2021	Base Oil	932 bbls.
Hull Dimensions	207 ft. x 176 ft. x 20 ft.	Drill Water	6,612 bbls.
Legs (3)	394 ft. long triangular	Fuel	2,287 bbls.
Quarters Capacity	102 persons	Bulk Mud	5,100 cu. ft.
Maximum Water Depth	270 ft.	Bulk Cement	3,400 cu. ft.
Cantilever Envelope	47 ft. by 20 ft. (with 7 ft. extension)	Power Equipment	
Maximum Variable Load (drilling)	Approx. 5,000 kips*	Main Power	Four (4) Caterpillar D-399TA 1,215 HP engines driving four (4) Kato 1,030 KW 600 volt AC generators plus one (1) Caterpillar 3516C engines driving a Kato 1,525 KW 600 volt AC generator
*depending on water depth and geographical location		Power Dist.	Four (4) Ross Hill SCR units, 1,850 amps each, 750 volts, powering seven (7) drilling motors
Drilling Equipment			
Derrick	Continental Emsco 160 ft. x 30 ft. x 30 ft. derrick, static hook load capacity 1,000,000 lbs. with twelve (12) lines	Diverter	Shaffer 21-1/4 in. 2K annular with two (2) 7-1/16" 2K hydraulic gate valves & two (2) 12" discharge lines
Drawworks	National 1320 UE, 2,000 HP rated input power, driven by two (2) GE 752 series DC motors outfitted with Baylor 7838 auxiliary electric brake	BOP Stack	13-5/8 in. 10,000 psi WP BOP stack consisting of one (1) Shaffer LXT double ram preventer, one (1) Shaffer LXT single ram preventer and one Shaffer 13-5/8 in. 5,000 psi WP annular preventer
Rotary Table	National C-375, 37-1/2 in. driven by an independent DC electric motor with two speed gear box	BOP Handling	Four (4) Ingersoll Rand hoists and trolley system, rated to 60 short tons
Top Drive	NOV TDS 3H, 500 short tons, rated to 34,700 ft. lbs maximum continuous torque, outfitted with a Varco PH-85 pipe-handler	BOP Equipment	
Pipe Handling	NOV ST-80 for handling tubular ranging from 4-1/2 in. to 8-1/2 in. OD.	Cranes	
Mud Pumps	Two (2) National 12-P-160 triplex pumps 1,600 hp, each driven by two (2) GE 752 DC motors, rated to 5,000 psi working pressure	Three (3) Marathon LeTourneau PCM-120AS hydraulic electric cranes, 100 ft. booms, rated for 50 short tons at 24 ft. radius	
Solids Control	Three (3) Brandt VSM 300 shale shakers plus one (1) Brandt VSM 300 shale shaker equipped with 2 x 12" desander cones and one (1) Brandt Model 24/3 mud cleaner with 24 x 3" cones	Special Features	
A seven (7) ft. cantilever extension is available to increase the cantilever maximum skid out distance to 47 ft.			



High Island IV

R-Jul-2021



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High Island V

270 Foot Jack-Up

General Description	
Design	Marathon LeTourneau 82-SD-C
Year Built / Last Upgrade	1981 / 2013
Hull Dimensions	207 ft. x 176 ft. x 20 ft.
Spud Can Diameter	40 ft.
Legs (3)	394 ft. long triangular
Quarters Capacity	102 persons
Maximum Water Depth	270 ft.
Cantilever Envelope	40 ft. by 20 ft.
Maximum Variable Load (drilling)	Approx. 5,000 kips*

*depending on water depth and geographical location

Storage Capacities	
Liquid Mud	1,917 bbls. (including slug tanks)
Base Oil	406 bbls.
Drill Water	6,870 bbls.
Fuel	1,961 bbls.
Potable Water	920 bbls.
Bulk Mud	5,136 cu. ft.
Bulk Cement	3,424 cu. ft.

Power Equipment

Main Power	Four (4) Caterpillar 3512C diesel engines, 1,478 HP driving four (4) KATO 600 volts 1,101 KW AC generators
Power Dist.	Four (4) Ross Hill SCR Model 1850 SCR system, 1,200 KW each, 750 volts

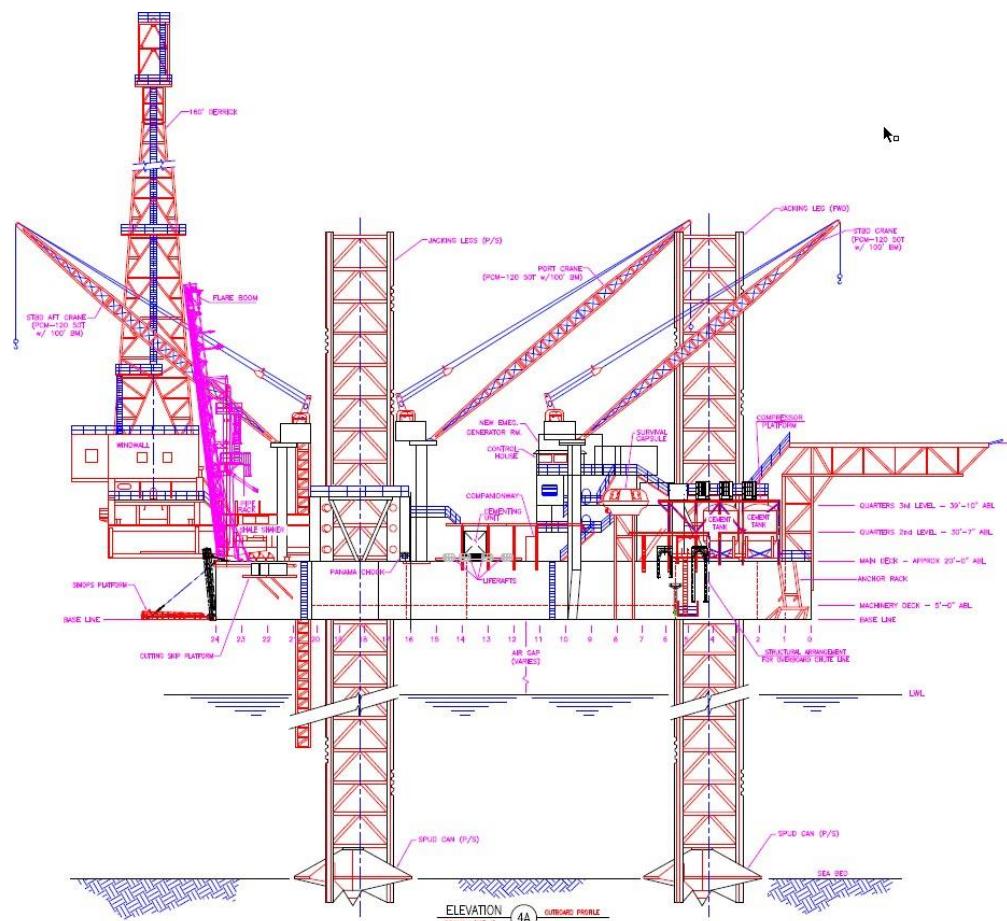
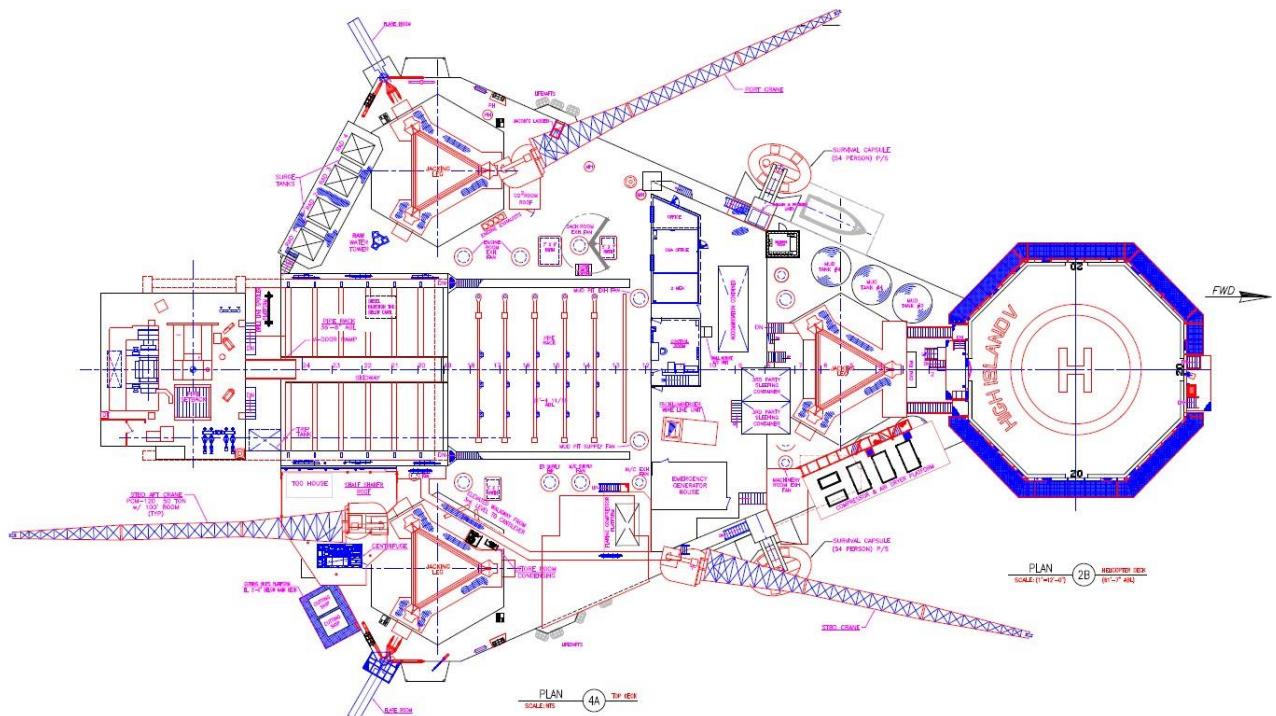
BOP Equipment

BOP Stack	13-5/8 in. x 10,000 psi WP BOP stack consisting of one (1) Shaffer LXT double ram preventers, one (1) Shaffer LXT single ram preventer and one (1) Shaffer SXF 13-5/8 in. 5,000 psi WP annular preventer
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BOP Handling	Two (2) Ingersoll Rand 25 tons hoist and trolley handling system with four lifting points
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Pedestal Cranes

Three (3) Marathon LeTourneau PCM 120 electric cranes, 100 ft. booms, rated for 50 short tons at 24 ft. radius
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High Island V

R-Jul-2021



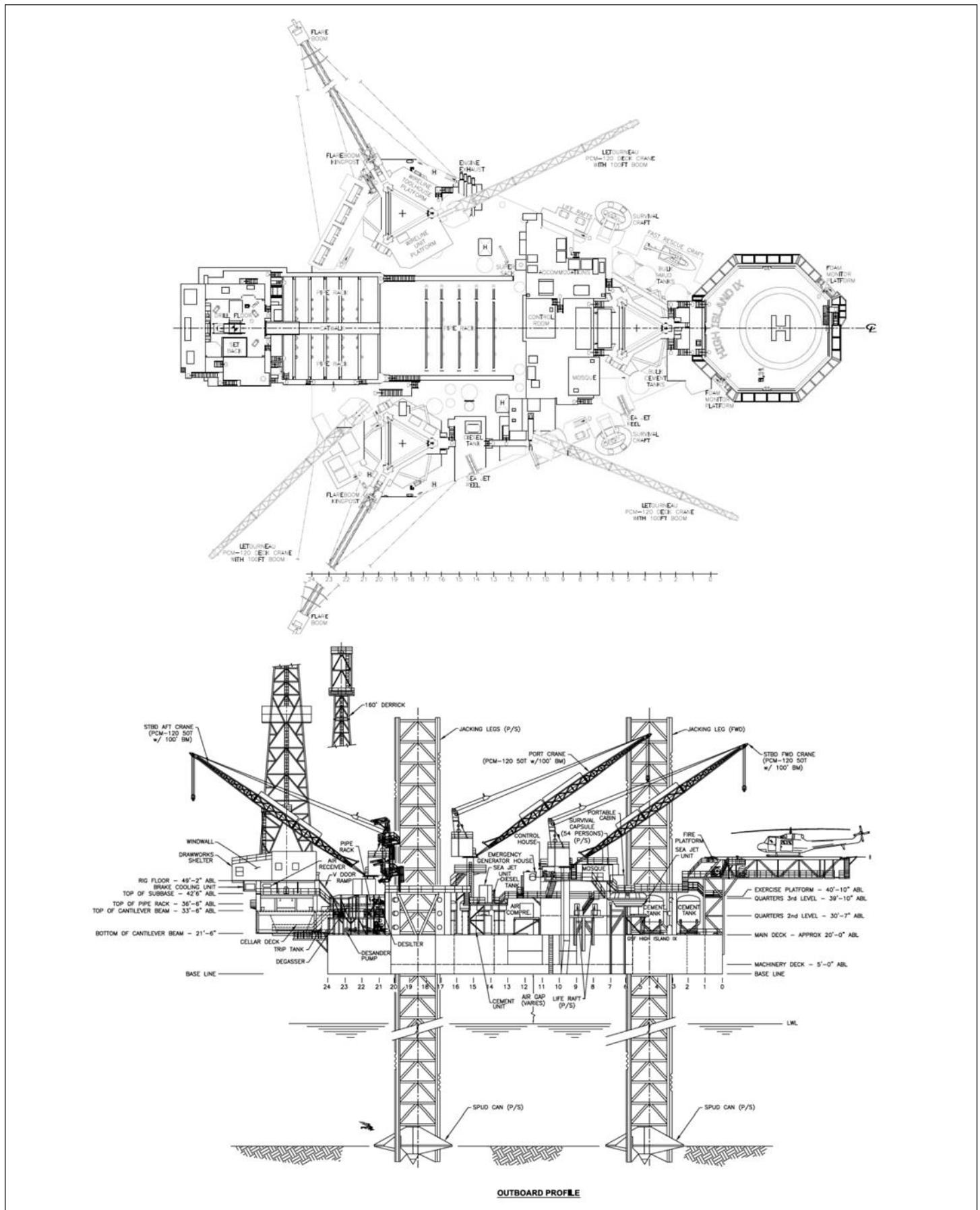
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High Island IX

250 Foot Jack-Up Drilling Unit

General Description		Storage Capacities	
Design	Marathon LeTourneau 82-SD-C	Liquid Mud	1,842 bbls (including slug pit & stripping tanks)
Year Built / Last Upgrade	1983 / 2012	Base Oil	410 bbls
Hull Dimensions	207 ft. x 176 ft. x 20 ft.	Brine	975 bbls
Spud Can Diameter	40 ft.	Drill Water	5,638 bbls
Legs (3)	360 ft. long triangular	Fuel	1,877 bbls
Quarters Capacity	100 persons	Bulk Mud	5,100 cu. ft.
Maximum Water Depth	250 ft.	Bulk Cement	3,400 cu. ft.
Cantilever Envelope	40 ft. by 20 ft.	Power Equipment	
Maximum Variable Load (drilling)	2,035 kips <small>*dependent on water depth and geographical location</small>	Main Power	Four (4) Caterpillar 3516-B diesel engines rated 1,800 HP each, driving four (4) Baylor 1,500 kW 600 V AC generators
Drilling Equipment			
Derrick	DSI derrick 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000,000 lbs. with twelve (12) lines	Power Dist.	Six (6) Siemens 6RA70 SCR units 2,000 amps each, 600 volts
Drawworks	National 1320 UE, 2,000 HP, driven by two (2) GE 752 DC motors, with drum brake and a Baylor Elmagco 7838 auxiliary electric brake	Well Control Equipment	
Rotary Table	National C-375, 37-1/2 in. maximum opening with an independent GE 752 DC motor, two speed gear box	BOP Stack	One (1) NOV Shaffer 13-5/8 in. 5,000 psi WP annular preventer and two (2) NOV Shaffer LXT 13-5/8 in. 10,000 psi WP double ram preventers
Top Drive	Varco TDS-3H, 500 short tons 1,000 HP motor, continuous drilling torque 34,700 ft.lbs with a Varco PH-85 pipe handler	BOP Handling	Four (4) Ingersoll Rand HA2-025 hoists system, 25 short tons each
Pipe Handling	NOV ST-80 for handling tubular ranging from 4-1/2 in. to 8-1/2 in. OD	Cranes	
Mud Pumps	Three (3) National 12-P-160, 1,600 HP, each driven by two (2) GE 752 Hi-Torque DC traction motors, rated to 5,000 psi working pressure	Three (3) Marathon LeTourneau PCM-120 pedestal cranes, 100 ft. booms, rated for 50 short tons at 24 ft. radius	
Solids Control	Three (3) Brandt VSM 300 shale shakers; one (1) Brandt SR-2 desander with 2 x 6" cones; two (2) Brandt T8-E4HV desilter; one (1) Brandt VSM 300 mud cleaner with 32 x 2" cones	<small>R-Feb-2016</small>	

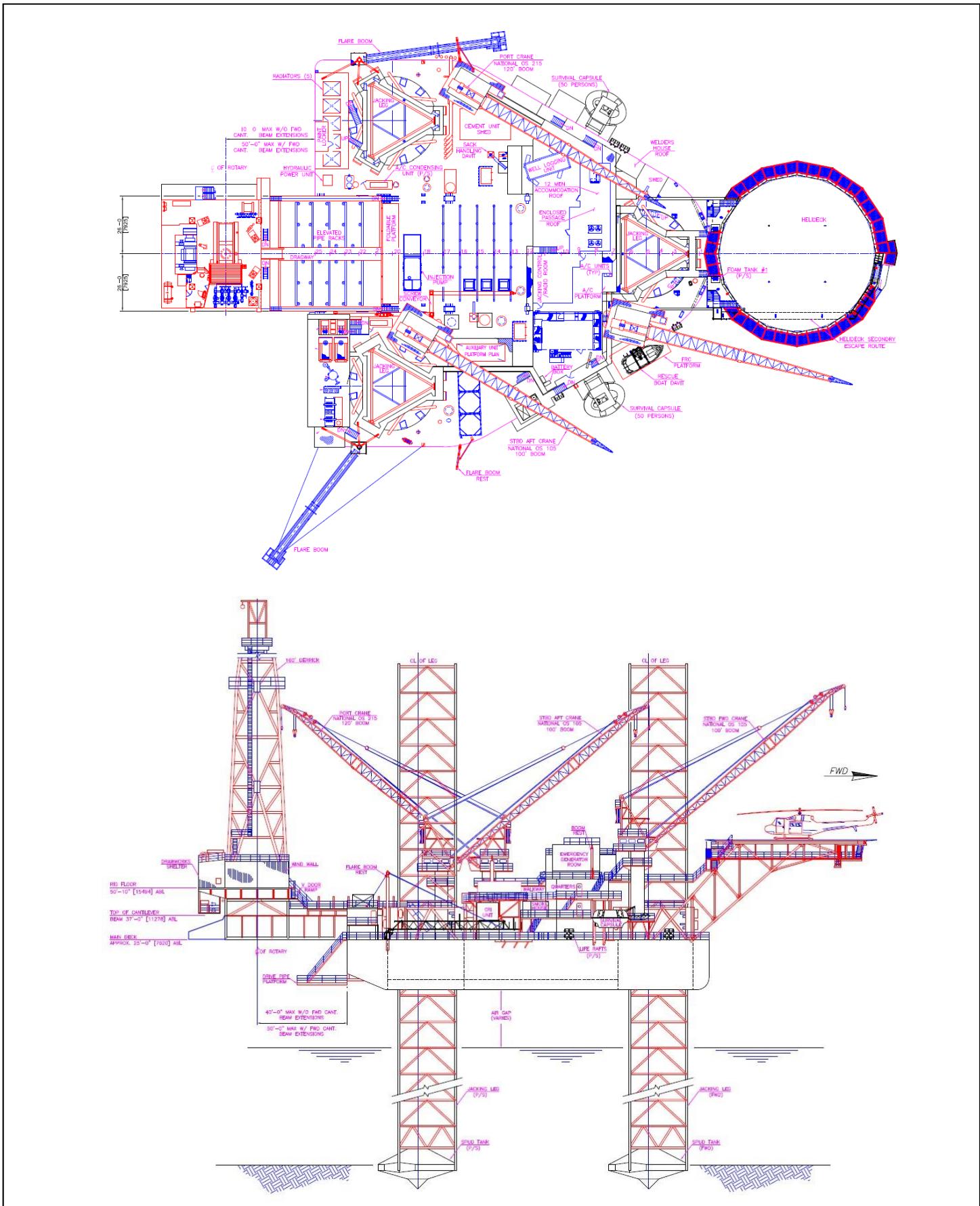




Main Pass IV

300 Foot Jack-Up

General Description		Storage Capacities
Design	Friede & Goldman L-780-MOD II	Liquid Mud 2,245 bbls. (including slug pit)
Year Built / Last Upgrade	1982 / 2012	Drill Water 3,392 bbls.
Hull Dimensions	180 ft. x 175 ft. x 25 ft.	Oil Based Mud 743 bbls.
Spud Can Diameter	40 ft.	Fuel 2,470 bbls.
Legs (3)	416 ft. long triangular	Bulk Mud 4,575 cu. ft.
Quarters Capacity	92 persons	Bulk Cement 4,110 cu. ft.
Maximum Water Depth	300 ft.	
Cantilever Envelope	40 ft. by 24 ft.	
Maximum Variable Load (drilling)	Approx. 5,900 kips*	
*depending on water depth and geographical location		
Drilling Equipment		Power Equipment
Derrick	DSI 160 ft. x 30 ft. x 30 ft. derrick, static hook load capacity 1,250,000 lbs. with fourteen lines	Main Power Five (5) Caterpillar D-399TA diesel engines, 1,310 HP driving five (5) KATO 1,030 KW 600 volt AC generators
Drawworks	National 1625 DE, 3,000 HP rated input power, driven by three (3) GE 752 series DC motors, with Baylor 7838 auxiliary electric brake	Power Dist. Four (4) Ross Hill SCR units, 1600 amps each, 750 volt, powering eight (8) drilling motors
Rotary Table	National C-375, 37-1/2 in. driven by a GE 752 DC electric motor with two speed gear box	
Top Drive	Varco TDS-3H 500 short tons, continuous drilling torque rated to 34,700 ft.lbs., with a Varco PH-85 pipe handler	
Pipe Handling	Hawk Spinmaster 950-H for handling tubular OD ranging from 2-7/8 in. to 9-1/2 in.	
Mud Pumps	Two (2) National 12-P-160 and one (1) Oilwell A-1700 PT triplex pumps 1,600 HP, each driven by two (2) GE 752 DC motors, rated to 5,000 psi working pressure.	
Solids Control	Four (4) VSM 300 shale shakers with the option of cascading or running in series; one (1) desander with 3 x 10 in. cones and one (1) desilter with 20 x 4 in. cones mounted atop of one of the shakers	
BOP Equipment		BOP Equipment
Diverters	Hydril MSP 21-1/4in. 2,000 psi with drilling spool, with a 12 in. full opening ball valves and two (2) 12 in. discharge lines	Diverters Hydril MSP 21-1/4in. 2,000 psi with drilling spool, with a 12 in. full opening ball valves and two (2) 12 in. discharge lines
BOP Stack	13-5/8 in. 10,000 psi WP BOP stack consisting of one (1) Shaffer Type U double ram preventer, one (1) Shaffer Type U single ram preventer and one (1) Shaffer 13-5/8 in. 5,000 psi WP annular preventer	BOP Stack 13-5/8 in. 10,000 psi WP BOP stack consisting of one (1) Shaffer Type U double ram preventer, one (1) Shaffer Type U single ram preventer and one (1) Shaffer 13-5/8 in. 5,000 psi WP annular preventer
BOP Handling	Ingersoll Rand hoist and trolley handling system rated to 50 short tons with four lifting points	BOP Handling Ingersoll Rand hoist and trolley handling system rated to 50 short tons with four lifting points
Pedestal Cranes		Pedestal Cranes
Two (2) National OS105 hydraulic cranes, 100 ft. booms, rated for 40 short tons at 25 ft. radius; one (1) National OS215 hydraulic crane, 120 ft. boom, rated at 55 short tons at 30 ft. radius.		
Special Features		Special Features
A ten (10) ft. cantilever extension is available to increase the cantilever maximum skid out distance to 50 ft.		



Main Pass IV

R-Jul-2018



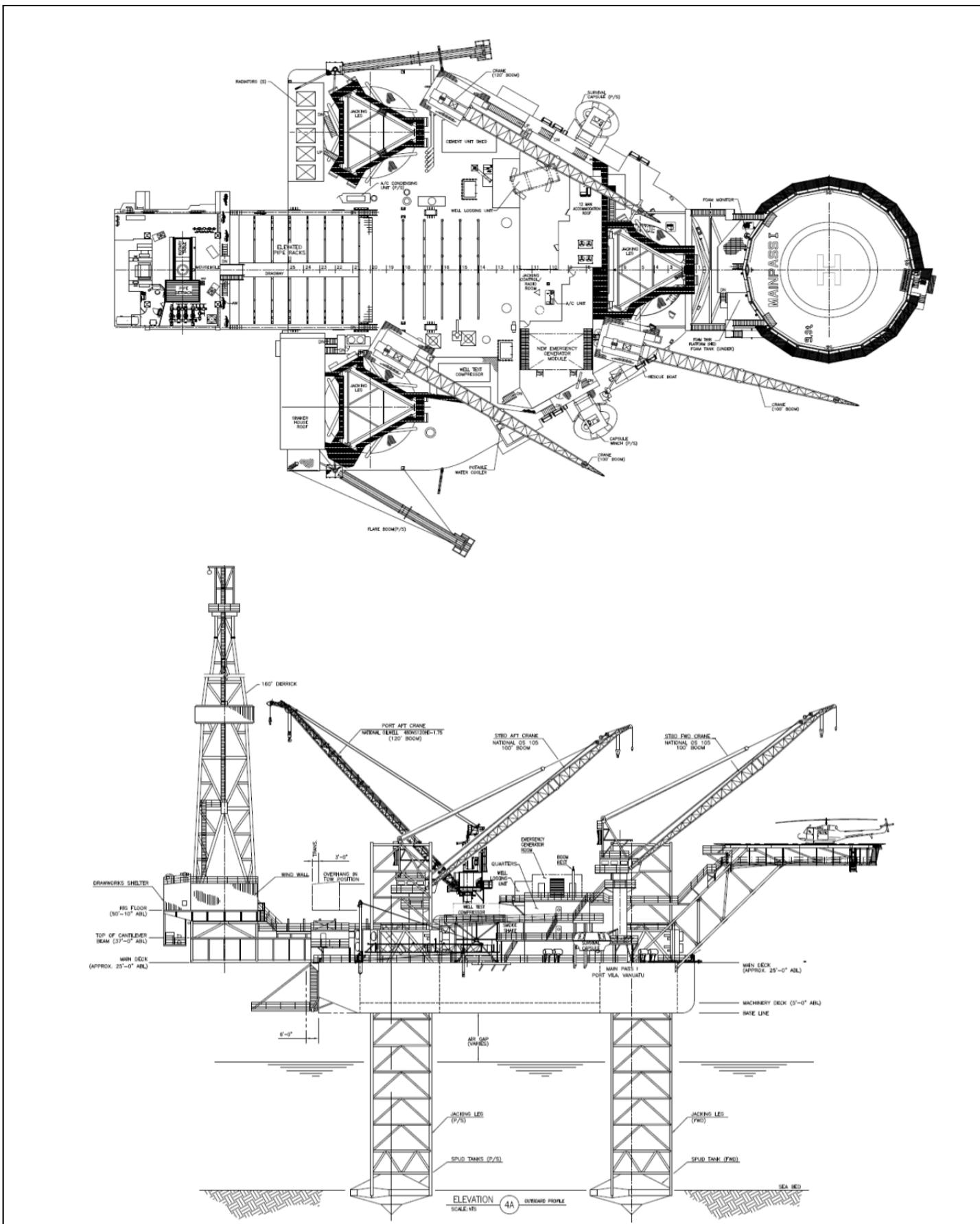
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Main Pass I

300 Foot Jack-Up

General Description		Storage Capacities			
Design	Friede & Goldman L-780-MOD II	Liquid Mud	2,312 bbls. (including slug pit)		
Year Built / Last Upgrade	1982 / 2013	Drill Water	3,392 bbls.		
Hull Dimensions	180 ft. x 175 ft. x 25 ft.	Fuel	2,470 bbls.		
Spud Can Diameter	40 ft.	Bulk Mud	4,575 cu. ft.		
Legs (3)	416 ft. long triangular	Bulk Cement	4,110 cu. ft.		
Quarters Capacity	84 persons	Power Equipment			
Maximum Water Depth	300 ft.	Main Power	Five (5) Caterpillar D-399TA diesel engines, 1,310 HP driving five (5) KATO 600 volt 1,030 KW AC generators		
Cantilever Envelope	50 ft. by 24 ft. (with 10 ft extension)	Power Dist.	Four (4) Ross Hill SCR units, 1,600 amps each, 750 volt, powering eight (8) drilling motors		
Maximum Variable Load (drilling)	Approx. 4,500 kips*	BOP Equipment			
*depending on water depth and geographical location					
Drilling Equipment					
Derrick	DSI 160 ft. x 30 ft. x 30 ft. derrick, static hook load capacity 1,250,000 lbs. with fourteen (14) lines	Divertor	Shaffer 21-1/4in. 2,000 psi with drilling spool, with a 12 in. full opening ball valves and two (2) 12 in. discharge lines		
Drawworks	National 1625 DE, 3,000 HP rated input power, driven by three (3) GE 752 series DC motors, with Baylor 7838 auxiliary electric brake	BOP Stack	13-5/8 in. x 10,000 psi WP BOP stack consisting of two (2) Cameron Type U double ram preventers and one (1) Shaffer 13-5/8 in. 5,000 psi WP annular preventer		
Rotary Table	National C-375, 37-1/2 in. driven by a GE 752 DC electric motor with two speed gear box	BOP Handling	Ingersoll Rand hoist and trolley handling system rated to 60 short tons with four lifting points		
Top Drive	Varco TDS-4S, 650 short tons, rated to 50,900 ft.lbs maximum continuous drilling torque in low gear, outfitted with a Varco PH-85 pipe handler	Cranes			
Mud Pumps	Two (2) National 12-P-160 triplex pumps 1,600 HP, each driven by two (2) GE 752 DC motors, rated to 5,000 psi working pressure	Two (2) National OS105 hydraulic cranes, 100 ft. booms, rated for 40 short tons at 25 ft. radius; one (1) National 48 Kingpost crane, 120 ft. boom, rated at 55 short tons at 30 ft. radius			
Solids Control	Four (4) VSM 300 four-panel linear motion shale shakers; one (1) Brandt King Cobra 24/3 with 3 x 12" cones and 24 x 3" cones	Special Features			
A ten (10) ft. cantilever extension is available to increase the cantilever maximum skid out distance to 50 ft.					



Main Pass I

R-May-15



Shelf Drilling Achiever

350 Foot Jack-Up Drilling Unit

General Description	
Design	GustoMSC CJ46-X100-D
Year Built	2019
Hull Dimensions	214 ft. x 203 ft. x 26 ft.
Spud Can Diameter	52.5 ft.
Legs (3)	483 ft. triangular legs
Quarters Capacity	120 persons
Maximum Water Depth	350 ft.
Cantilever Envelope	70 ft. by 40 ft.
Max Variable Load (drilling)	Approx. 7,700 kips*

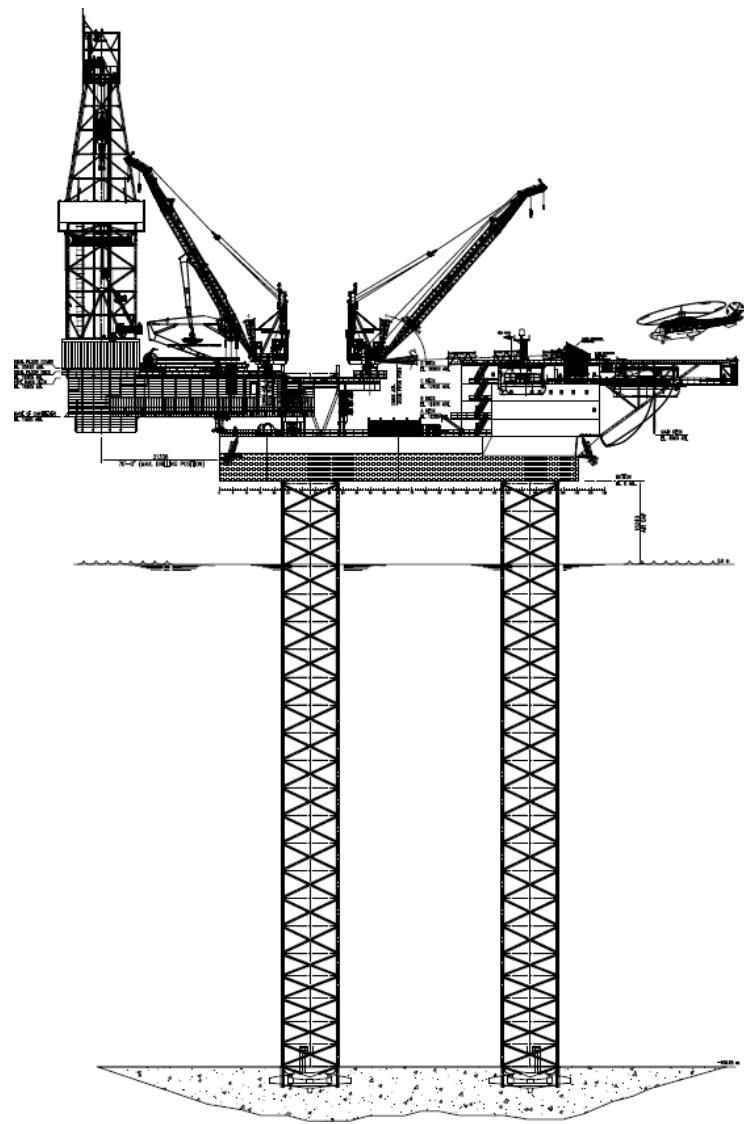
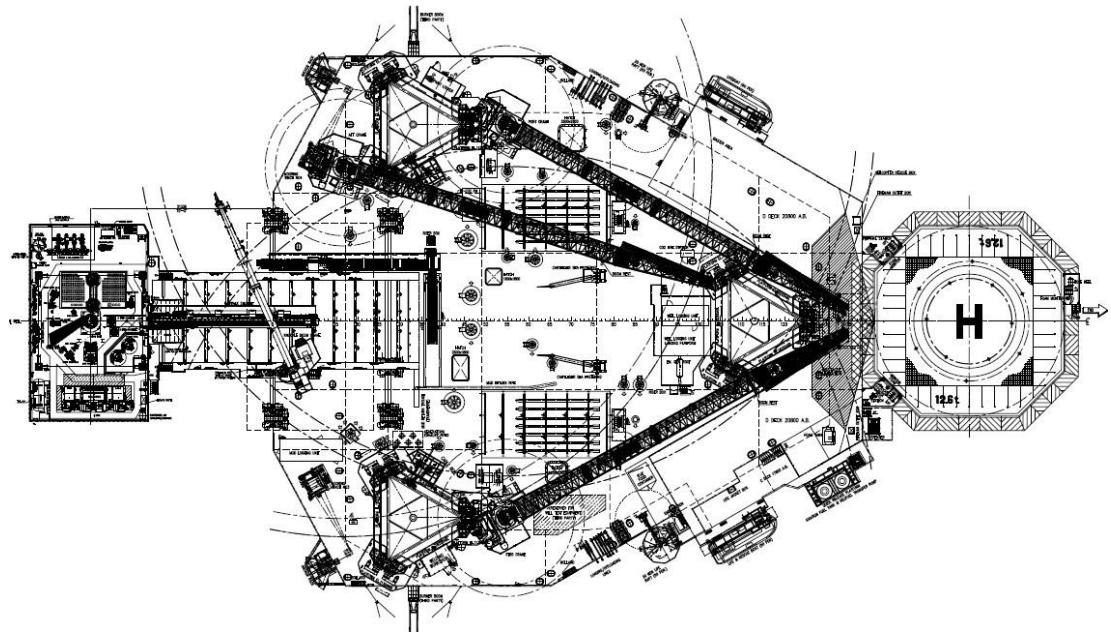
**depending on water depth and geographical location*

Drilling Equipment	
Derrick	NOV bolted H-beam derrick, 170 ft high with 35 ft x 40 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-5/8" drilling lines
Drawworks	NOV ADS-10T AC drawworks, 3,000 HP driven by three (3) NOV DM27 motors each rated 1,229 HP, outfitted with NOV AC regenerative auxiliary brake
Rotary Table	NOV RST 4901/2, 750 short tons, hydraulic with 49-1/2 maximum opening
Top Drive	NOV TDS-8S AC electric top drive, 750 short tons 1,150 HP rated to 62,250 ft.lb maximum continuous torque, with PH-100 pipe-handler
Pipe Handling	NOV ST-120 Iron Roughneck, NOV PS-30 power slips; NOV PRS-8i Foxhole vertical column racker with racking gripper head for tubular OD from 2-7/8" to 9-3/4"; NOV Catwalk Shuttle System for tubular OD from 2-7/8" to 30"
Mud Pumps	Three (3) NOV 14-P-220 triplex pumps 7,500 psi, each driven by two (2) NOV DM27 motors rated 1,229 HP
Solids Control	Two (2) Derrick Primer II scalping shakers; four (4) Derrick Flo-line 504 linear motion shale shakers; one (1) Derrick DSN 10-3 desander with 3 x 10" cones; one (1) Derrick S-420-S desilter with 20 x 4" cones
Instrumentation	NOV Amphion drilling instrumentation system

Storage Capacities	
Liquid Mud	4,650 bbls.
Base Oil	1,208 bbls.
Brine	1,208 bbls.
Drill Water	12,500 bbls.
Fuel	3,620 bbls.
Bulk Material (8 silos)	15,000 cu.ft.
Sack Storage	5,000 sacks

Power Equipment	
Main Power	Five (5) Caterpillar 3516C HD diesel engines each rated at 2,150 HP @ 1,200 rpm and driving Kato 1,530 KW 690 V AC generators
Power Dist.	One (1) ABB 12 pulse rectifier VFD system, 4,000 KW, 931 V DC
Emer. Power	One (1) Caterpillar C32 diesel engine rated 994 KW @ 1,800 rpm driving a Leroy Somer 900 ekW 480 V AC generator
Well Control Equipment	
Diverter	GE Vetco Gray KFDJ-500, 47" maximum bore and 27-1/2" minimum through bore, rated to 500 psi working pressure
BOP Stack	One (1) Hydril GX 13-5/8" 10K annular preventer and two (2) Cameron 13-5/8" 10K double ram preventers. <i>(Note: 18-3/4" 15K BOP can be provided if required.)</i>
BOP Handling	JD Neuhaus two (2) points hoist system, 75 short tons each

Cranes	
Three (3) Favelle Favco diesel hydraulic cranes with 143 ft boom, rated to 50 MT @ 10 m radius and one (1) NOV knuckle boom pipe-handling crane with 73 ft boom and gripper yoke for 2-7/8" to 20" OD tubulars, rated to 7 MT	
Special Features	
Capable for making up tubular stands offline. Outfitted with GustoMSC X-Y skidding system which provides huge load in a large drilling envelope of 70 ft x 40 ft. Capable for in-field rig move with 550 kips of setback in the derrick.	



Shelf Drilling Achiever

R-Dec-2022



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Shelf Drilling policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



Shelf Drilling Chaophraya

350 Foot Jack-Up Drilling Unit

General Description	
Design.....	LeTourneau Super 116 E
Year Built	2016
Hull Dimensions	243 ft. x 206 ft. x 26 ft.
Spud Can Diameter	50.5 ft.
Legs (3).....	477 ft. long square legs
Quarters Capacity	160 persons
Maximum Water Depth.....	350 ft.
Cantilever Envelope.....	70 ft. by 30 ft.
Max Variable Load (drilling).....	Approx. 7,700 kips*

**depending on water depth and geographical location*

Drilling Equipment	
Derrick	Lee C. Moore bottleneck derrick, 170 ft high with 35 ft x 32 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-3/4" drilling lines
Drawworks	NOV 1625 UDBE, 3,000 HP, driven by three (3) GE 752 DC motors each rated 1,085 HP continuous, outfitted with a Baylor 7838 auxiliary electric brake
Rotary Table	NOV RST-495, 1,100 short tons, hydraulic with 49-1/2 maximum opening
Top Drive	NOV TDS-8, 750 short tons, with PH-100 pipe-handler
Pipe Handling	Main Well Center: NOV ST-80, PS-21 power slips Offline Stand-building: NOV ST-80, Forum 14K-R Offline Activity Crane
Mud Pumps	Three (3) NOV 14-P-220 triplex mud pumps 2,200 HP, 7500 psi, each pump is driven by two (2) DC motors rated 1,085 HP continuous
Solids Control	Four (4) NOV Brandt VSM 300 balanced elliptical motion shale shakers
Instrumentation	NOV Rig-Sense drilling instrumentation system

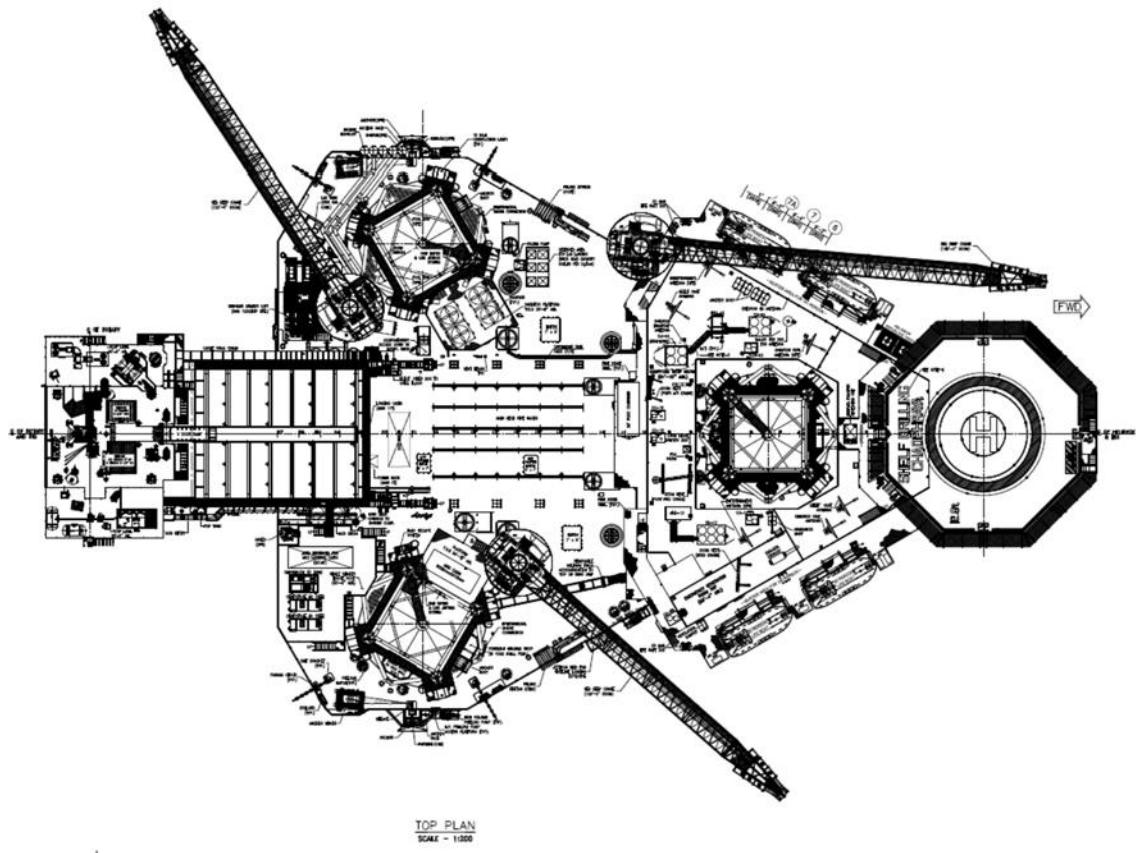
Storage Capacities	
Liquid Mud.....	5,200 bbls.
Base Oil	980 bbls.
Brine	980 bbls.
Drill Water.....	19,672 bbls.
Fuel	2,100 bbls.
Bulk Material (7 silos)	12,250 cu.ft.
Sack Storage	5,000 sacks

Power Equipment	
Main Power	Five (5) Caterpillar 3516C HD DITA diesel engines each rated at 2,150 HP @ 1,200 rpm and driving Kato 6P63300 1,596 KW AC generators
Power Dist.	Four (4) NOV Bridge SCR and two (2) NOV VFD, 600 V AC
Emer. Power	One (1) Caterpillar 3512C diesel engine rated 1,476 BHP @ 1,200 rpm driving a Kato 1,120 ekW AC generator 1,120

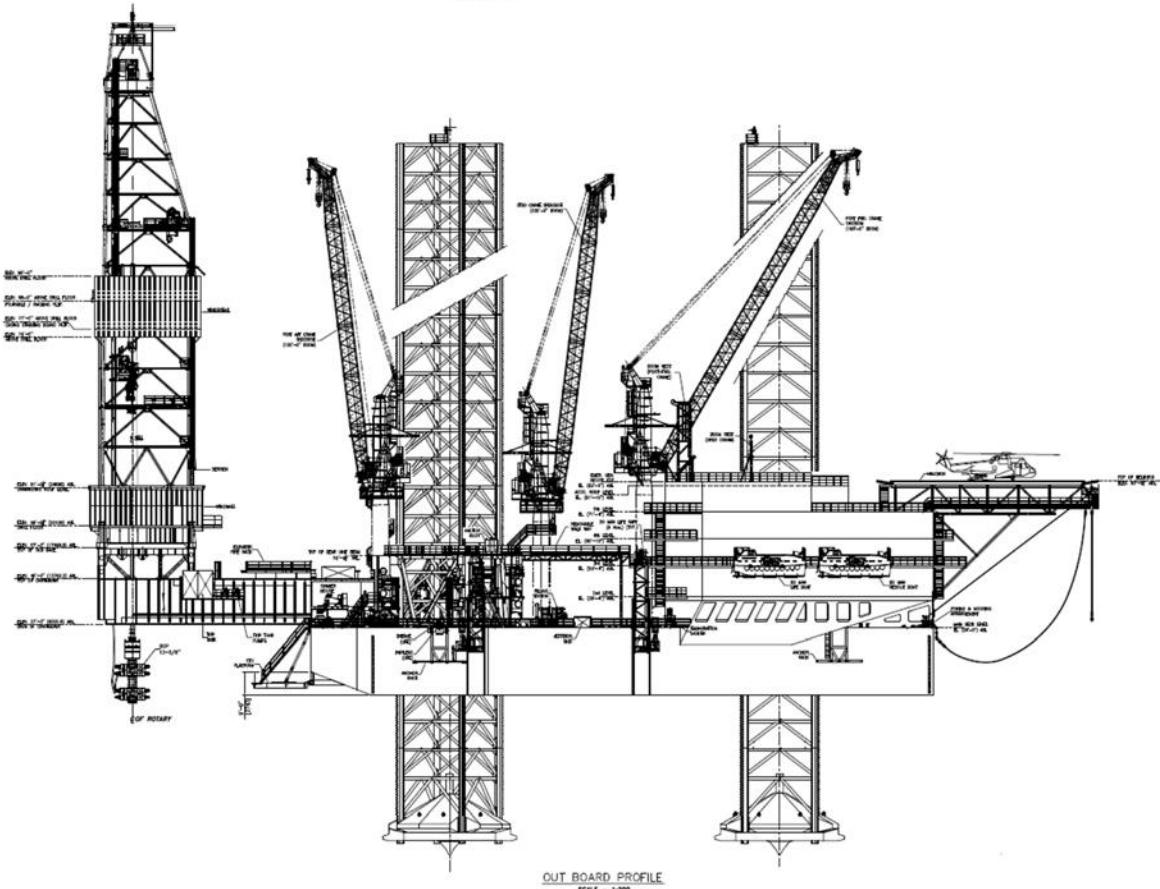
Well Control Equipment	
BOP Stack	One (1) Hydril GX 13.5/8" 5K annular preventer and two (2) Cameron Type U 13.5/8" 10K double ram preventers
BOP Handling	Hercu-Link two (2) points hoist system, 50 short tons each

Cranes	
Two (2) SEADEEP SH2000-36 electro-hydraulic cranes with 120 ft boom, rated 57.8 short tons @ 25 ft radius; one (1) SEADEEP SH2000-42 electro-hydraulic crane with 140 ft boom, rated 77.3 short tons @ 29.5 ft radius; two (2) Palfinger PK65002MD cranes; Forum 14K-R overhead crane for offline activity.	

Special Features	
Offline activity including making up drill pipe and casing stands off critical path. Capable for in-field rig move with 600 kips of setback in the derrick. Designed to fill all preload tanks in two hours and one hour to dump.	

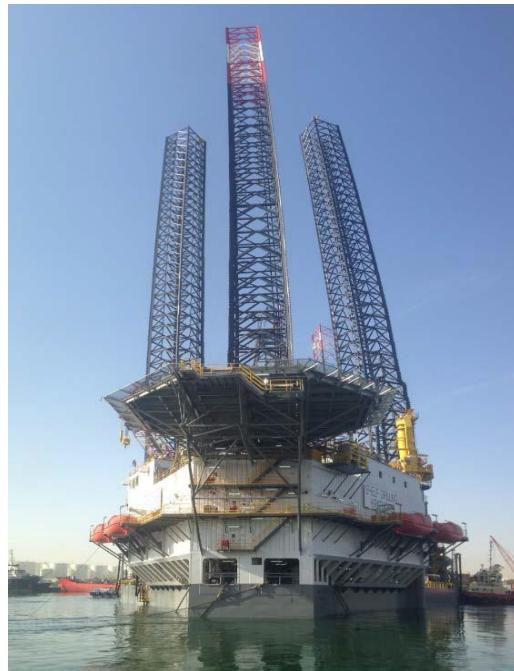


TOP PLAN
SCALE - 1:200



Shelf Drilling Chaophraya

R-Mar-2018



Shelf Drilling Krathong

350 Foot Jack-Up Drilling Unit

General Description	
Design.....	LeTourneau Super 116 E
Year Built.....	2017
Hull Dimensions.....	243 ft. x 206 ft. x 26 ft.
Spud Can Diameter	50.5 ft.
Legs (3).....	477 ft. long square legs
Quarters Capacity	160 persons
Maximum Water Depth.....	350 ft.
Cantilever Envelope	70 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 7,700 kips*

*depending on water depth and geographical location

Drilling Equipment	
Derrick	Lee C. Moore bottleneck derrick, 170 ft high with 35 ft x 32 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-3/4" drilling lines
Drawworks	NOV 1625 UDBE, 3,000 HP, driven by three (3) GE 752 DC motors each rated 1,085 HP continuous, outfitted with a Baylor 7838 auxiliary electric brake
Rotary Table	NOV RST-495, 1,100 short tons, hydraulic with 49-1/2 maximum opening
Top Drive	NOV TDS-8, 750 short tons, with PH-100 pipe-handler
Pipe Handling	Main Well Center: NOV ST-80, PS-21 power slips Offline Stand-building: NOV ST-80, Forum 14K-R Offline Activity Crane
Mud Pumps	Three (3) NOV 14-P-220 triplex mud pumps 2,200 HP, 7500 psi, each pump is driven by two (2) DC motors rated 1,085 HP continuous
Solids Control	Four (4) NOV Brandt VSM 300 balanced elliptical motion shale shakers
Instrumentation	NOV Rig-Sense drilling instrumentation system

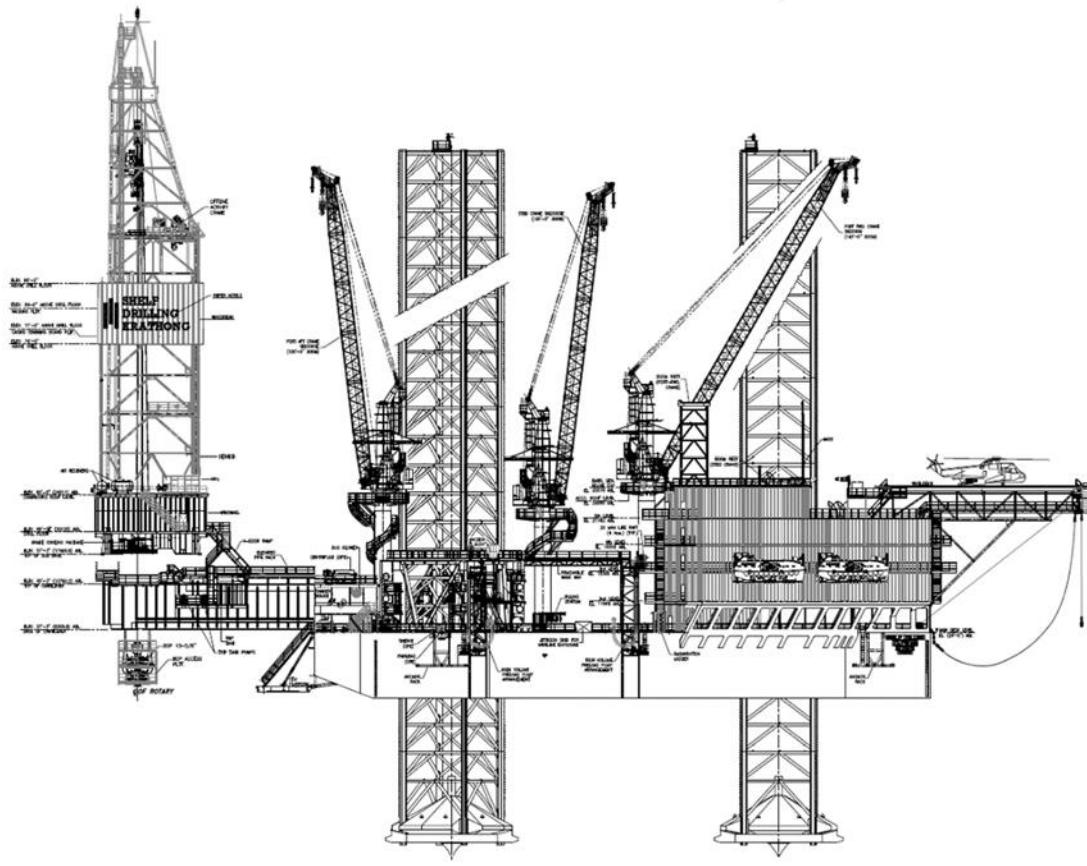
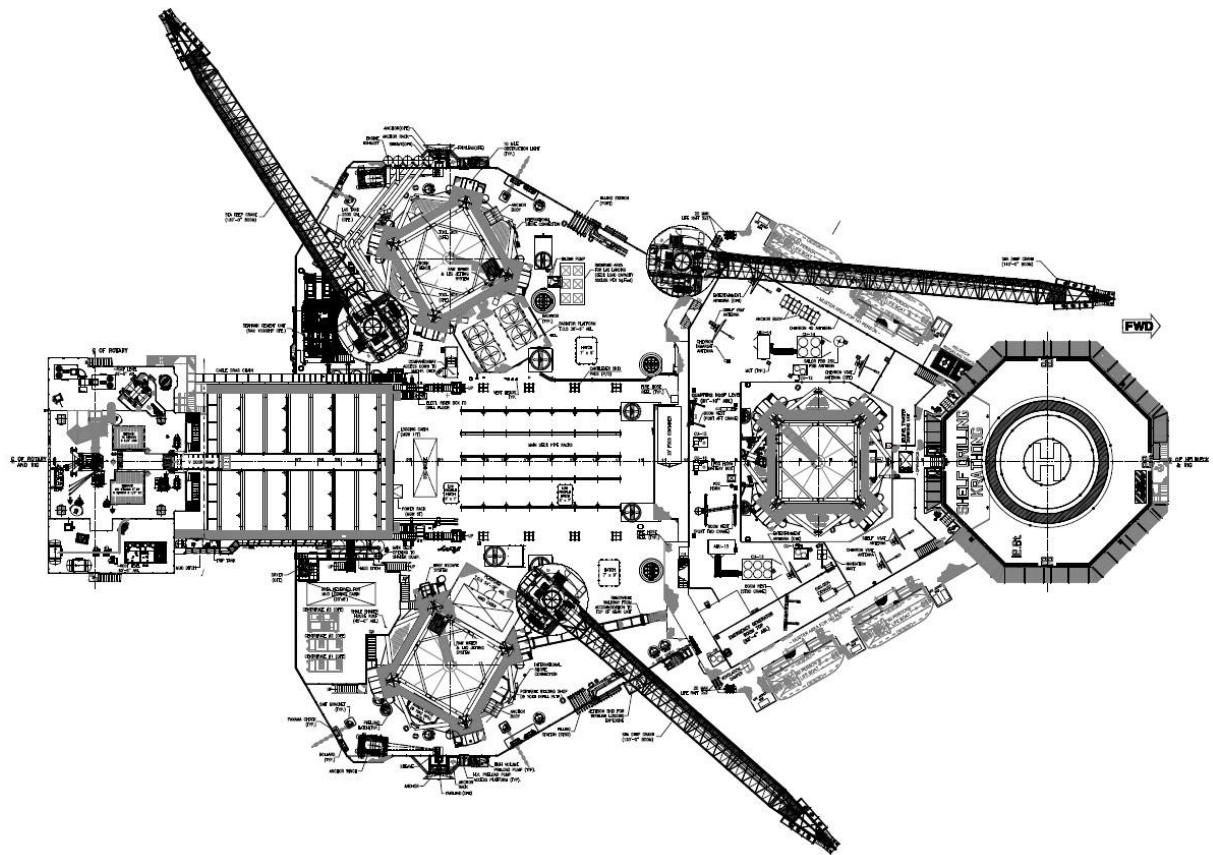
Storage Capacities	
Liquid Mud.....	5,200 bbls.
Base Oil	980 bbls.
Brine	980 bbls.
Drill Water.....	19,672 bbls.
Fuel	2,100 bbls.
Bulk Material (7 silos)	12,250 cu.ft.
Sack Storage	5,000 sacks

Power Equipment	
Main Power	Five (5) Caterpillar 3516C HD DITA diesel engines each rated at 2,150 HP @ 1,200 rpm and driving Kato 6P63300 1,596 KW AC generators
Power Dist.	Four (4) NOV Bridge SCR and two (2) NOV VFD, 600 V AC
Emer. Power	One (1) Caterpillar 3512C diesel engine rated 1,476 BHP @ 1,200 rpm driving a Kato 1,120 ekW AC generator 1,120

Well Control Equipment	
BOP Stack	One (1) Hydril GX 13.5/8" 5K annular preventer and two (2) Cameron Type U 13.5/8" 10K double ram preventers
BOP Handling	Hercu-Link two (2) points hoist system, 50 short tons each

Cranes	
Two (2) SEADEEP SH2000-36 electro-hydraulic cranes with 120 ft boom, rated 57.8 short tons @ 25 ft radius; one (1) SEADEEP SH2000-42 electro-hydraulic crane with 140 ft boom, rated 77.3 short tons @ 29.5 ft radius; two (2) Palfinger PK65002MD cranes; Forum 14K-R overhead crane for offline activity.	

Special Features	
Offline activity including making up drill pipe and casing stands off critical path. Capable for in-field rig move with 600 kips of setback in the derrick. Designed to fill all preload tanks in two hours and one hour to dump.	



Shelf Drilling Krathong

R-Mar-2018



SHELF DRILLING SCEPTER

350 Foot Jack-Up Drilling Unit

General Description	
Design.....	Keppel FELS Super B Class
Year Built / Last Upgrade.....	2008 / 2019
Hull Dimensions	246 ft. x 218 ft. x 25 ft.
Legs (3).....	486 ft. long triangular legs
Quarters Capacity	150 persons
Maximum Water Depth.....	350 ft.
Cantilever Envelope.....	70 ft. by 30 ft.
Max Variable Load (drilling).....	8,000 kips*

*depending on water depth and geographical location

Drilling Equipment	
Derrick	NOV Model SSBN-1000/36 36-170/X, 170 ft high with 36 ft x 36 ft base, static hook load capacity 2,120 kips (962 MT) with sixteen (16) 2" drilling lines.
Drawworks	NOV SSGD-850-4600-57 single speed gear-driven 4,600 HP rated input power AC drawworks with regenerative AC braking and disk brake, driven by four (4) Baylor AC motors rated 1,350 HP each
Rotary Table	NOV D-495, 49-1/2 maximum opening, rated to 1,000 short tons, driven by a hydraulic motor
Top Drive	NOV HPS-1000-2E-AC-KT 1,000 ST driven by two (2) GEB 1,150 HP AC motors rated to 78,450 ft. lbs. max. continuous torque, with NOV HPS-1000 pipe-handler
Pipe Handling	Two (2) Hawk Jaw Jr. for handling tubular OD range from 8" to 3-1/2" OD; Stringfisher OHS bridge crane 6 ST SWL; NOV CAT-P15-2-H Hydraulic Make-up / Break-out machine; NOV Hydralift power slips
Mud Pumps	Three (3) NOV 14-P-220 triplex mud pumps 2,200 HP, 7,500 psi WP, each pump is driven by two (2) AC motors
Solids Control	Five (5) Fluid Systems 5000 BLE/500B4 balanced linear elliptical shakers (note, one unit is used with Fluid Systems mud cleaner with 3 x 10" cones and 16 x 4" cones)
Instrumentation	NOV Smart Instrumentation Cyber-base system

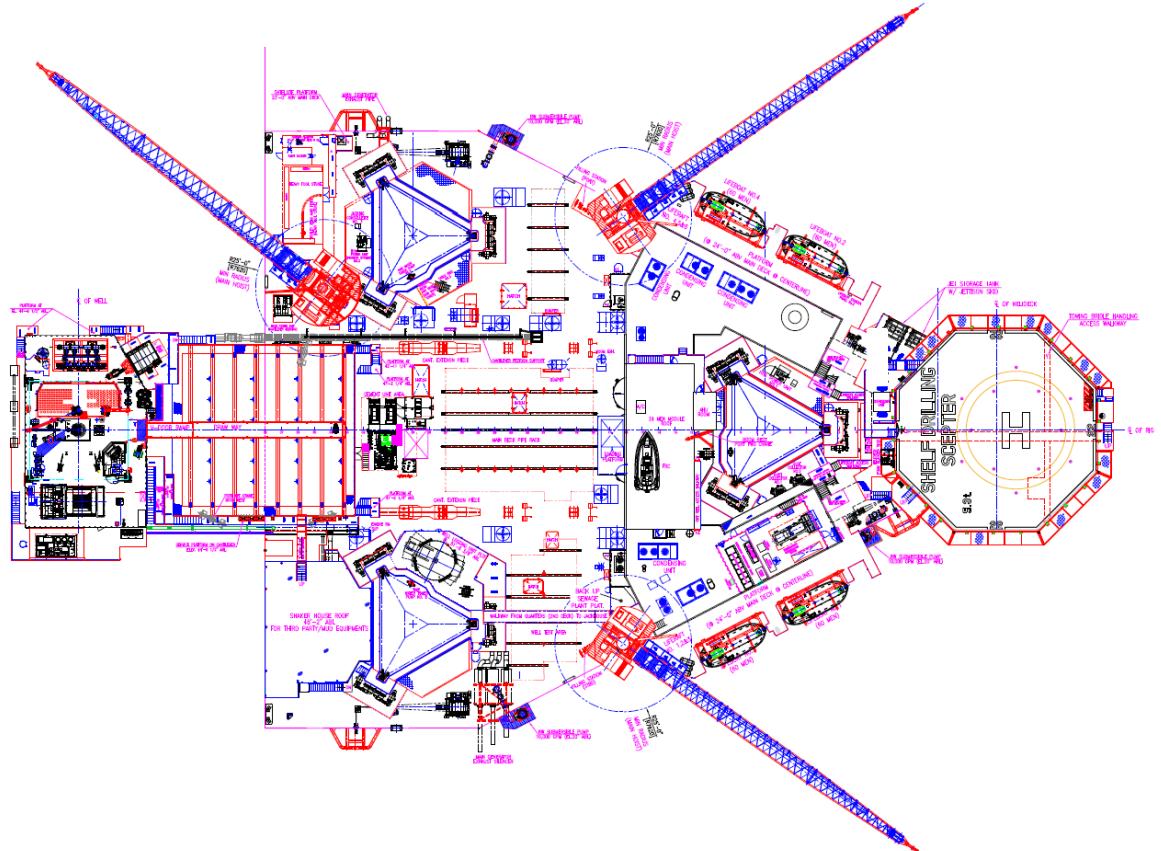
Storage Capacities	
Liquid Mud (incl. processing tanks & slug pits)	6,000 bbls.
Base Oil	1,561 bbls.
Brine	1,015 bbls.
Drill Water	21,746 bbls.
Fuel.....	3,344 bbls.
Bulk Mud (4 silos).....	9,608 cu.ft.
Bulk Cement (3 silos)	6,147 cu.ft.
Sack Storage	5,000 sacks

Power Equipment	
Main Power	Five (5) Wartsila 6L26A2 engines each rated to 2,512 HP @ 900 rpm driving Leroy Somers 1,800 KW 690 V AC generators
Power Dist.	Twelve (12) AC Variable Frequency Drive, 600 volts
E-Gen	One (1) Caterpillar 3412TA diesel engine rated 830 HP @ 1,800 rpm driving Stamford 500 KW 480 V AC generators

Well Control Equipment	
BOP Stack	13-5/8 in. x 10K BOP stack comprising of one (1) Cameron Type U double ram; one (1) Cameron Type U single ram; one (1) Hydril 5K annular preventer. (Note: 18-3/4" 15K BOP can be provided as alternative)
BOP Handling	Two (2) JD Neuhaus BH-120 hoists rated to 60 MT each, SWL 120 MT

Cranes	
2 x Seatrax S5624 pedestal cranes (port forward & starboard) with 120 ft. boom rated 53 ST @ 25 ft; 1 x Seatrax S7220 pedestal crane (port aft) with 120 ft. boom rated 61.8 ST @ 25 ft.; 2 x Forum MPC-15kVP rated 15,000 lbs.	

Special Features	
Capable for making up tubular and casing (up to 9-5/8") stands offline. Large liquid mud storage capacity. Capable for in-field rig move with 660 kips of setback in the derrick.	



CABIN DECK

LIFEGEAR

NO. 1

NO. 2

NO. 3

NO. 4

NO. 5

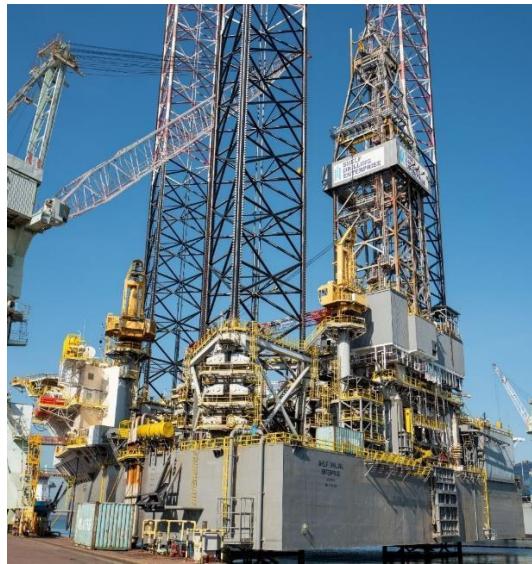
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SHELF DRILLING ENTERPRISE

375 Foot Jack-Up Drilling Unit

General Description	
Design	Baker Marine Pacific Class 375
Year Built / Last Upgrade	2007 / 2020
Hull Dimensions	236.5 ft. x 224.4 ft. x 28 ft.
Legs (3)	506 ft. long triangular legs
Quarters Capacity	150 persons
Maximum Water Depth	375 ft.
Cantilever Envelope	70 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 7,500 kips*

*depending on water depth and geographical location

Drilling Equipment	
Derrick	NOV Stainless Steel Bottleneck 750 derrick, 187 ft high with 35 ft x 35 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-5/8" lines
Drawworks	NOV D3000 AC drawworks, 3,000 HP rated input power driven by three (3) motors each rated 1,230 HP continuous with AC regenerative brake
Rotary Table	NOV D-495 with hydraulic motor with 49-1/2 maximum opening, rated 1,600 kips (726 MT)
Top Drive	NOV HPS-750-E-AC-SG, 1,500 kips rated to 65,450 ft.lb. maximum continuous torque or 91,800 ft.lb. maximum intermittent torque, with NOV knuckle-link type make-up/break-out system
Pipe Handling	Two (2) Hawk Jaw Jr. for tubular OD from 8" to 3-1/2" OD; Forum 14K-R Offline Activity Crane 14,000 lbs SWL; one (1) Multi-Purpose Crane rated 7,500 lbs SWL; two (2) Ingersoll Rand LC2A080DI Hoists 8 MT
Mud Pumps	Three (3) National Oilwell 14-P-220 triplex pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) NOV AC motors rated 1,350 HP continuous
Solids Control	Four (4) Brandt VSM-300 dual deck balanced elliptical motion shale shakers
Instrumentation	NOV Cyber-base drilling instrumentation

Storage Capacities	
Liquid Mud (including slug pit)	4,263 bbls.
Base Oil	1,274 bbls.
Brine	1,292 bbls.
Drill Water	21,885 bbls.
Fuel	3,929 bbls.
Bulk Mud (3 silos)	6,462 cu.ft.
Bulk Cement (3 silos)	6,462 cu.ft.
Sack Storage	5,000 sacks

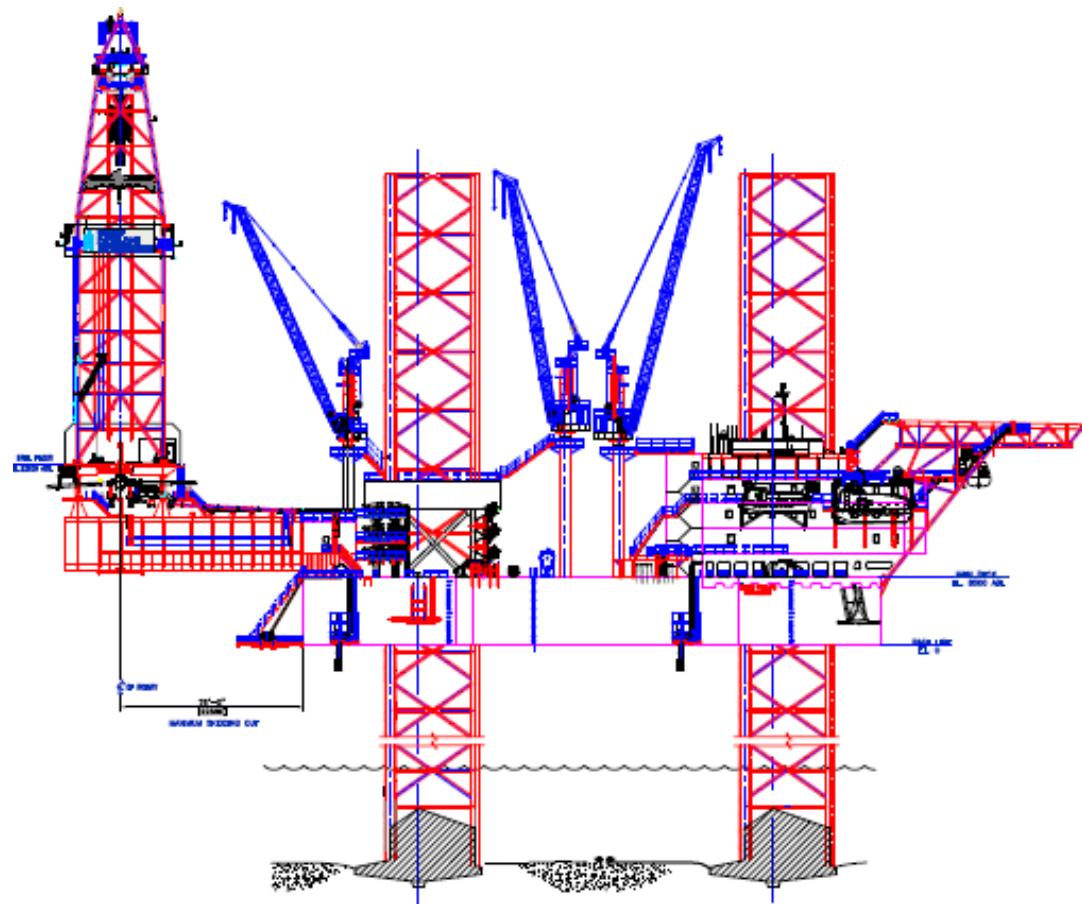
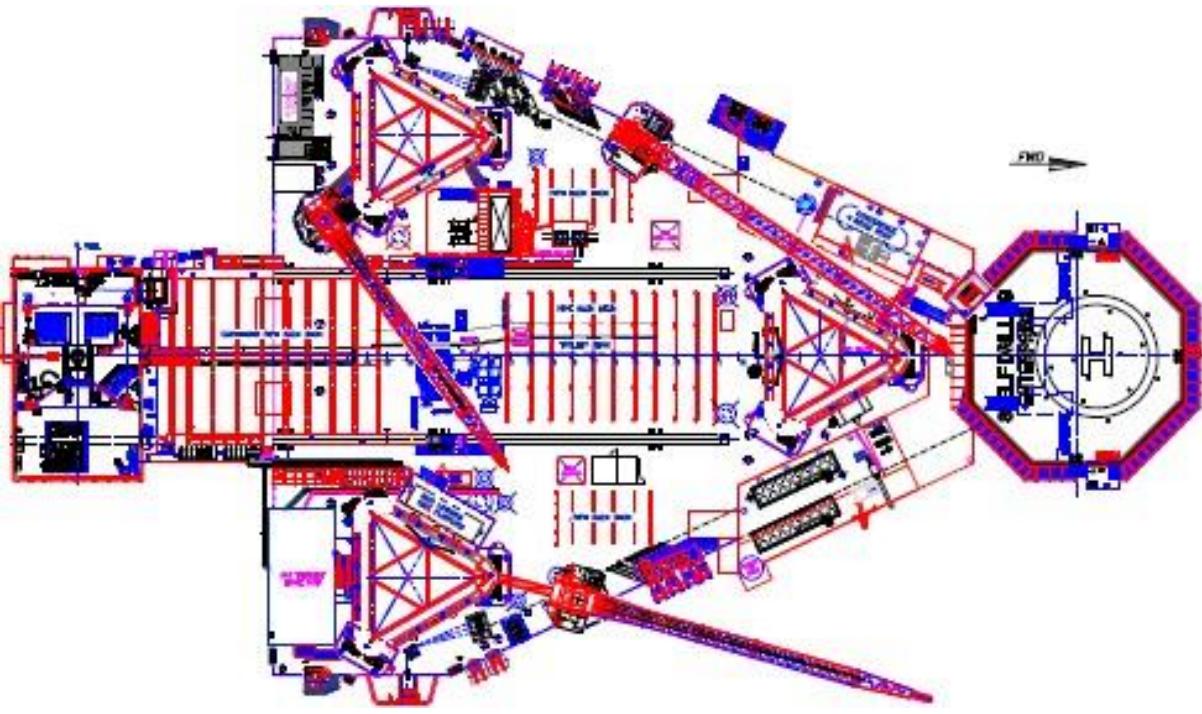
Power Equipment	
Main Power	Five (5) Caterpillar 3516B-HD engines each rated 2,350 HP @ 1,200 rpm, driving Baylor 2,150 kVA AC generators
Power Dist.	ABB AC drilling system with VFD for 10 motors and 3 braking resistors, 7,500 KW total max continuous power

Well Control Equipment	
BOP Stack	13-5/8 in. x 10K BOP stack comprising of one (1) Cameron Type U double ram; one (1) Cameron Type U single ram; one (1) Hydril 5K annular preventer. <i>(Note: a 15K BOP stack can be provided as alternative)</i>
BOP Handling	Two (2) Ingersoll Rand HA2-050 hoists each rated 50 metric tons. Total SWL 100 MT.

Cranes	
	One (1) Baker Marine BMC 2250 crane at port-forward with 120 ft boom rated 55 MT at 25 ft. radius; one (1) Baker Marine BMC 1600 crane at starboard side with 120 ft boom rated 50 MT at 25 ft. radius; and one (1) Baker Marine BMC 900 crane at port-aft with 100 ft boom rated 22.6 MT at 20 ft. radius.

Special Features	
	Capable for making up & racking tubular stands offline (up to 9.5/8" OD casing). Capable for in-field rig move with 300 kips of setback. Outfitted with fast preloading system.

R-Nov-2021 (10K)



Shelf Drilling Enterprise

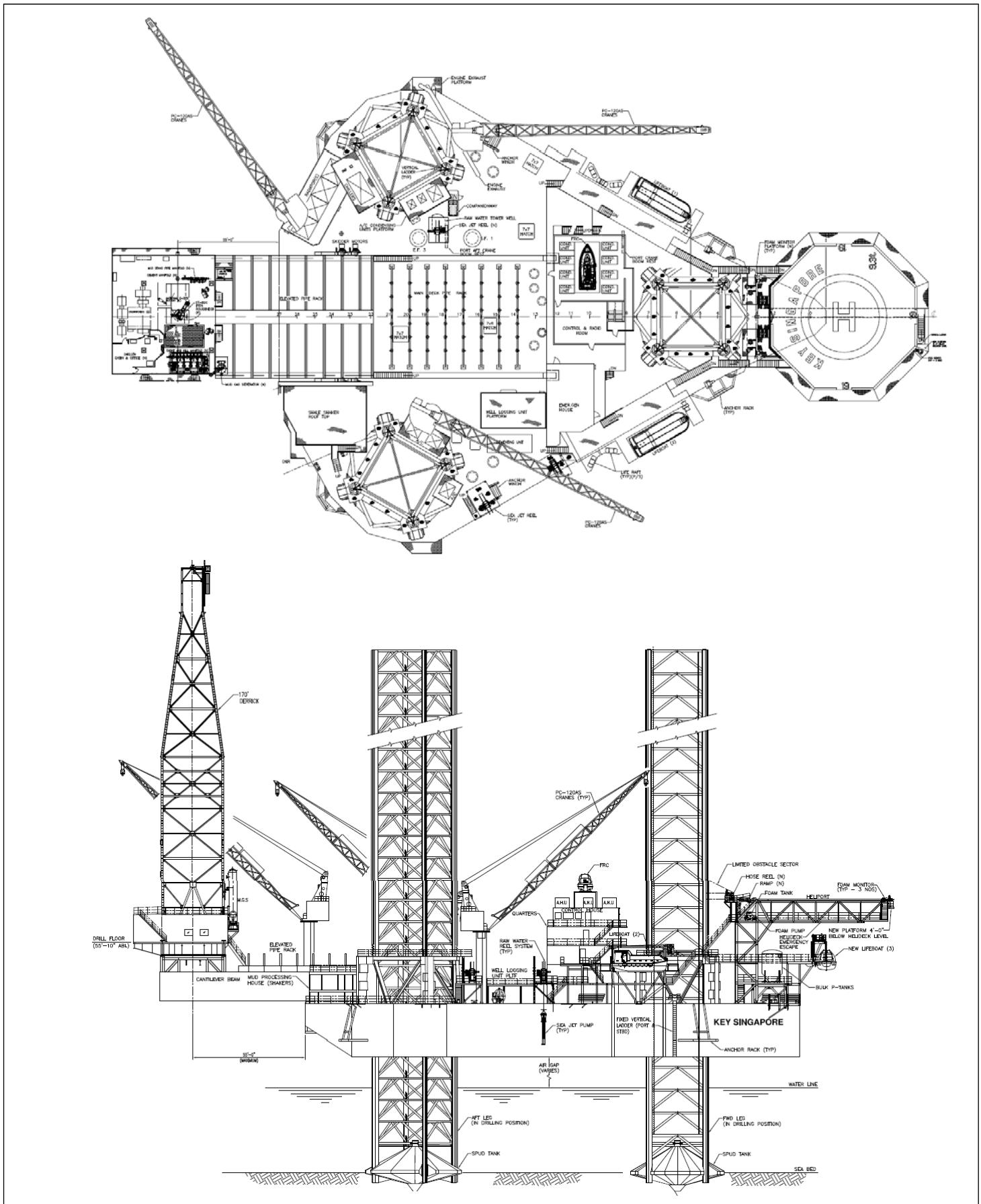
R-Nov-2021 (10K)



Key Singapore

350 Foot Jack-Up Drilling Unit

General Description		Storage Capacities	
Design	Marathon LeTourneau 116-C	Liquid Mud	3,417 bbls (including slug pit)
Year Built / Last Upgrade	1982 / 2015	Drill Water	10,092 bbls
Hull Dimensions	243 ft. x 200 ft. x 26 ft.	Base Oil	937 bbls
Spud Can Diameter	46 ft.	Brine	1,684 bbls
Legs (3)	477 ft. long square legs	Fuel	3,122 bbls
Quarters Capacity	120 persons	Bulk Mud	4,000 cu.ft.
Maximum Water Depth	350 ft.	Bulk Cement	4,000 cu.ft.
Cantilever Envelope	55 ft. by 30 ft.	Power Equipment	
Maximum Variable Load (drilling)	Approx. 8,200 kips*	Engines	Three (3) EMD 16-645-EB 2,200 HP main engines driving three (3) EMD AB-20-6 2,625 KVA 2,100 KW AC generators; one (1) Caterpillar D-399 1,215 HP emergency engine driving a Kato 1,030 KW AC generator
*depending on water depth and geographical location		Power Dist.	Five (5) Ross Hill SCR units, each rated at 1,600 amperes, powering ten (10) GE 752 DC motors
Drilling Equipment			
Derrick	Pyramid bottleneck derrick 170 ft. x 30 ft. x 30 ft., static hook load capacity 1,500,000 lbs with fourteen (14) lines	Well Control Equipment	
Drawworks	National Oilwell 1625 DE, 3,000 HP rated input power driven by two (2) GE 752 Hi-Torque DC motors, with drum brake and a Baylor 7838 auxiliary electric brake	Diverters	Hydril MSP 29-1/2" maximum bore, 500 psi working pressure, with two (2) 12 in. discharge lines and hydraulic ball valves
Rotary Table	National-Oilwell C-375, 37-1/2 in. driven by GE 752 electric motor, two-speed gear box	BOP Stack	One (1) Hydril GK 13.5/8" 5,000 psi annular preventer; two (2) Cameron Type U 13.5/8" 10,000 psi double ram preventers
Top Drive	Varco TDS-4S, 750 st 1,130 HP rated to maximum continuous drilling torque of 45,500 ft. lbs., outfitted with a Varco PH-85 pipe handler	BOP Handling	Four (4) 30 short tons Ingersoll Rand hoists and trolley system
Pipe Handling	Varco ST-80C for tubular OD size from 4-1/4" to 8-1/2"	Cranes	
Mud Pumps	Three (3) 1,600 HP triplex pumps consisting of two (2) National 12-P-160 & one (1) Continental Emsco FB 1600. High pressure piping rated to 7,500 psi WP.	Three (3) Marathon LeTourneau PCM-120 pedestal cranes with 100 ft. booms, rated for 50 short tons at 24 ft. radius	
Solids Control	Three (3) MI Swaco MD-2 shale-shakers and one (1) MI Swaco Mongoose Pro Three-In-One shaker and mud cleaner with 3 x 12" cones and 10 x 4" cones		



Key Singapore

R-Jul-2018



Shelf Drilling Mentor

350 Foot Jack-Up Drilling Unit

General Description

Design	LeTourneau Super 116-E
Year Built / Last Upgrade	2010 / 2017
Hull Dimensions	243 ft. x 206 ft. x 26 ft.
Legs (3)	477 ft. long square legs
Quarters Capacity	120 persons
Maximum Water Depth	350 ft.
Cantilever Envelope	70 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 10,000 kips*

*depending on water depth and geographical location

Drilling Equipment

Derrick	Woolslayer beam leg derrick, 170 ft high with 35 ft x 32 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-3/4" drilling lines.
Drawworks	Lewco LDW 1500-K AC gear-driven 4,500 HP rated input power drawworks with regenerative AC braking and disk brake, driven by three (3) OEM TT1500 AC Vector motors rated 1,500 HP each
Rotary Table	LeTourneau OEM, 1,150 HP rated to 1,000 short tons, 49-1/2 maximum opening, driven by LeTourneau OEM motor
Top Drive	LeTourneau DDTD-750 Electric 750 short tons with 1,575 HP motor rated to 72,200 ft.lbs max. continuous torque, outfitted with LTI DDTD-750 pipe-handler
Pipe Handling	NOV ST-120 Iron Roughneck for handling tubular OD range from 4" to 10", NOV PS-30 power slips
Mud Pumps	Three (3) Lewco W-2214 triplex mud pumps 2,200 HP, 7,500 psi working pressure, each pump is driven by two (2) AC motors rated 1,150 HP continuous
Solids Control	Four (4) Brandt VSM 300 scalpers & balanced elliptical motion shale shakers; one (1) Brandt VSM 300 Desander/Desilter Combo (can also be used as 5" shaker) with 3 x 12" cones and 24 x 4" cones
Instrumentation	MD Totco drilling instrumentation system

Storage Capacities

Liquid Mud (including slug pits)	3,819 bbls.
Base Oil	1,000 bbls.
Brine	1,000 bbls.
Drill Water	11,144 bbls.
Fuel	2,017 bbls.
Bulk Mud (4 silos)	7,000 cu.ft.
Bulk Cement (3 silos)	5,250 cu.ft.
Sack Storage	5,000 sacks

Power Equipment

Main Power	Five (5) Caterpillar 3516B-HD engines each rated at 2,150 HP @ 1,200 rpm driving Kato 1,500 KW AC generators
Power Dist.	Nine (9) LeTourneau AC VFD, 600 volts
E-Gen	One (1) Caterpillar 3512 engine rated 1,502 HP driving Baylor 1,120 KW AC generators

Well Control Equipment

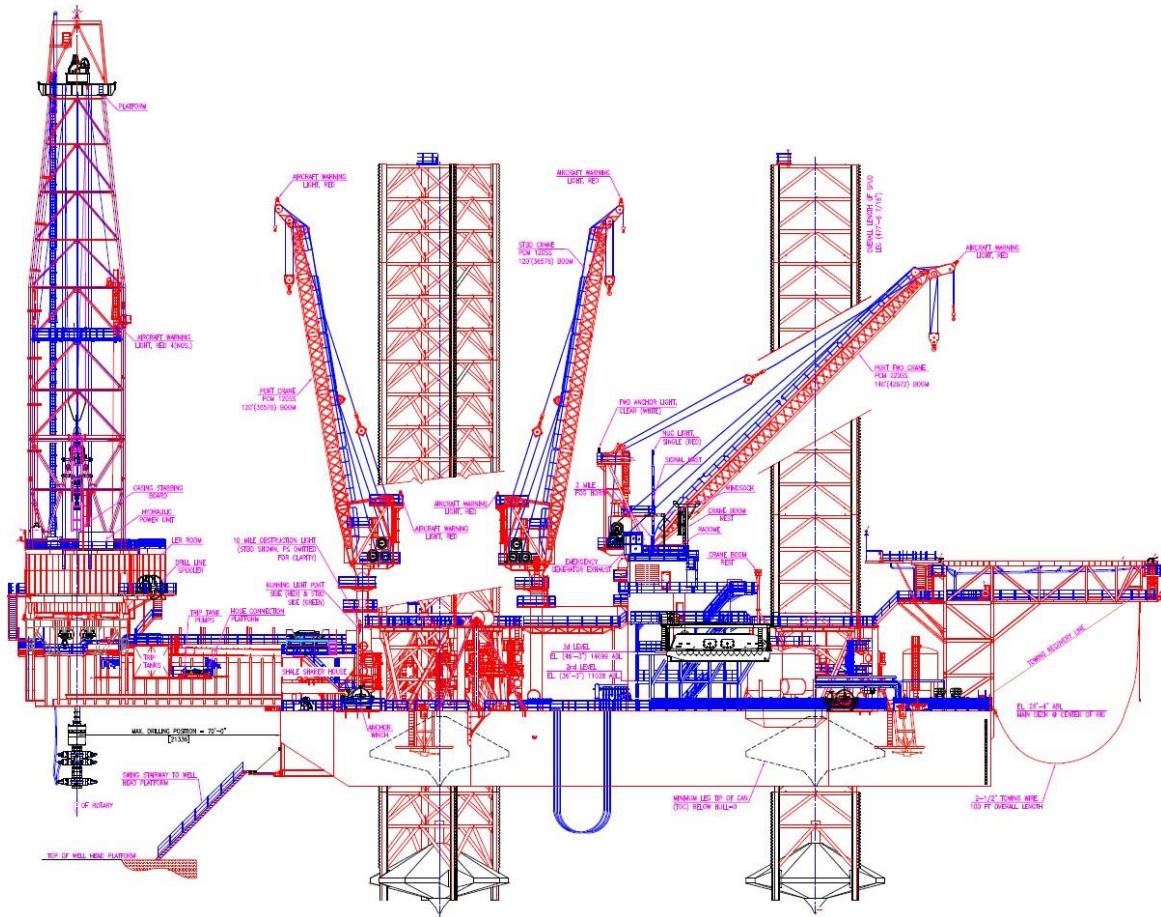
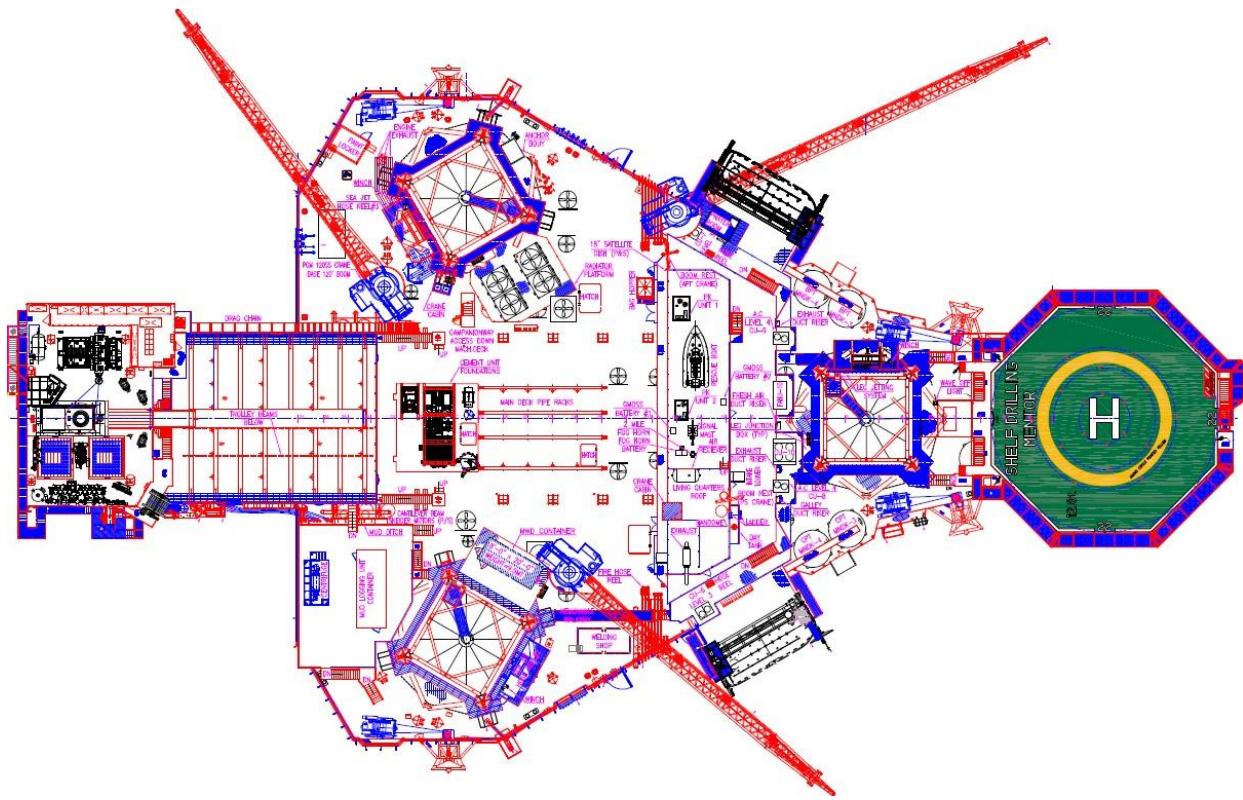
Divertor	Vetco Gray KFDJ 49-1/2" diverter with inserts for 22" to 17-3/4" OD, 635 psi WP with two (2) 16" discharge lines
BOP Stack	One (1) Hydril 13-5/8" 5,000 psi annular; one (1) Cameron Type U 13-5/8" 10K single ram and one (1) Cameron Type U 13-5/8" 10K double ram. (Note: A 18-3/4" 15K BOP stack can be provided if preferred by Client.)
BOP Handling	Two (2) JD Neuhaus EH-75 hoists system each rated to 75 metric tons, SWL 150 MT

Cranes

Two (2) LeTourneau PCM-120SS (port aft & starboard) with 120 ft. boom rated to 41.6 ST at 25 ft; one (1) LeTourneau PCM-220SS with 140 ft. boom rated to 55 ST at 32 ft. with 4-part or to 75 ST at 32 ft with 6-part.
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Special Features

Capable of making up & racking drill pipe stands offline. Capable of in-field moves with 300 kips of tubular in the derrick subject to acceptable weather



Shelf Drilling Mentor

R-Feb-2021 (10K)



Shelf Drilling Victory

375 Foot Jack-Up Drilling Unit

General Description	
Design	Baker Marine Pacific Class 375
Year Built / Last Upgrade	2008
Hull Dimensions	239.8 ft. x 224.4 ft. x 28 ft.
Legs (3)	506 ft. long triangular legs
Quarters Capacity	120 persons
Maximum Water Depth	375 ft.
Cantilever Envelope	70 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 7,500 kips*
*depending on water depth and geographical location	

Drilling Equipment	
Derrick	NOV Bolted H-Beam derrick, 187 ft high with 35 ft x 35 ft base, static hook load capacity 1,600,000 lbs. with fourteen (14) 1-5/8" lines
Drawworks	NOV D3000-UEDB DC drawworks, 3,000 HP rated input power driven by three (3) motors each rated 1,130 HP continuous with Baylor 5250 auxiliary brake
Rotary Table	NOV D-495, 49-1/2 maximum opening rated to 1,500 kips, with Hagglunds hydraulic motor rated to 35,000 ft.lb. maximum continuous torque at 25.5 rpm
Top Drive	NOV TDS-8 AC top drive, 750 short tons, rated to 63,000 ft.lb. maximum continuous torque, outfitted with PH-100 pipe-handler
Pipe Handling	NOV ST-80 (or equivalent) for handling tubular OD range from 4-1/4" to 8-1/2"
Mud Pumps	Three (3) National Oilwell 14-P-220 triplex pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) GE 752 DC motors rated 1,130 HP continuous
Solids Control	Four (4) NOV VSM 300 balanced elliptical motion shale shakers (or equivalent); one (1) NOV mud cleaner (or equivalent) mounted on top one of the shakers
Instrumentation	NOV Cyber-base drilling instrumentation

Storage Capacities	
Liquid Mud (including slug pit)	4,283 bbls.
Base Oil	1,274 bbls.
Brine	1,290 bbls.
Drill Water (including combo tanks)	22,320 bbls.
Potable Water	3,557 bbls.
Fuel	3,930 bbls.
Bulk Mud (3 silos)	5,826 cu.ft.
Bulk Cement (3 silos)	5,826 cu.ft.
Sack Storage	5,000 sacks

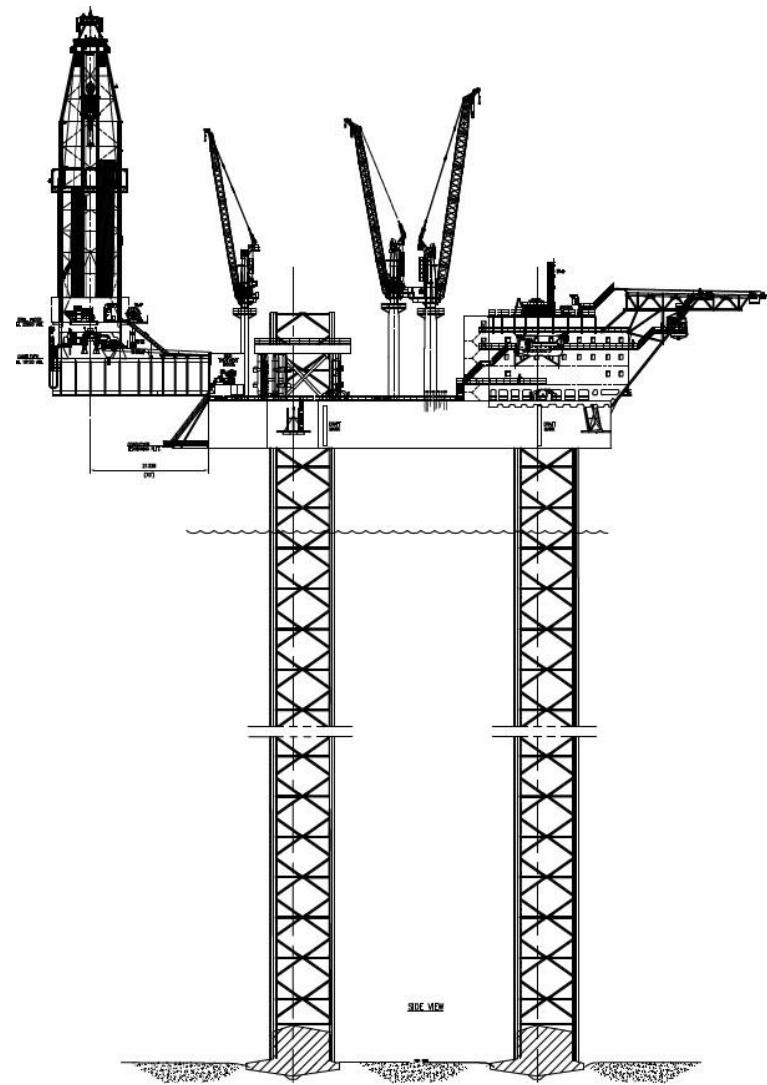
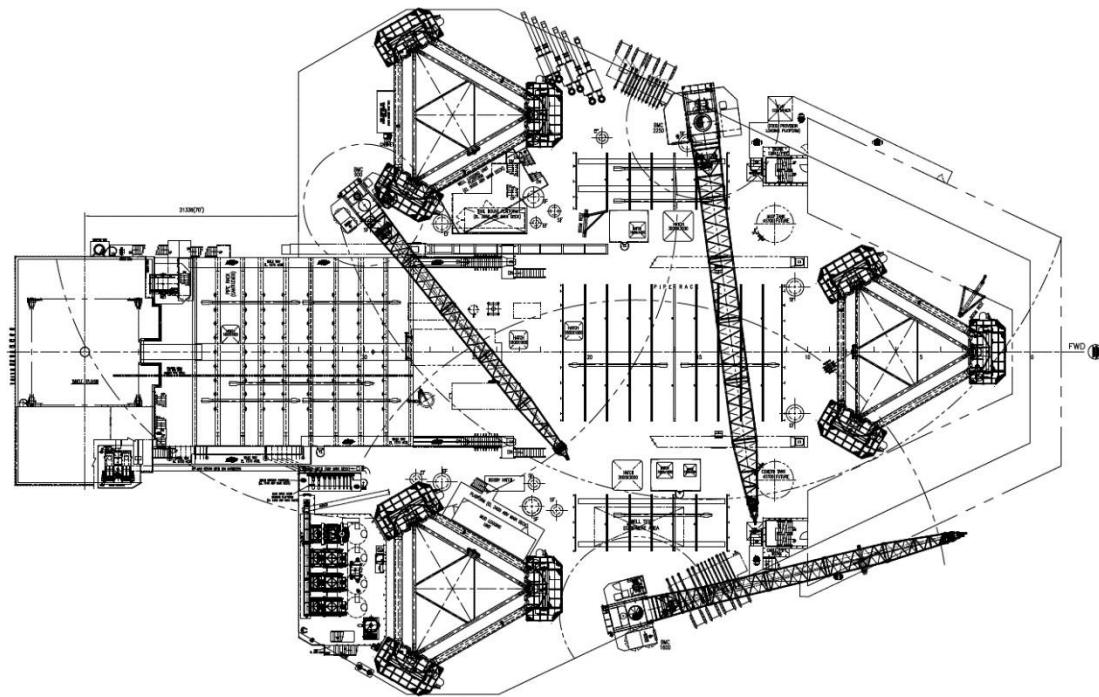
Power Equipment	
Main Power	Six (6) Caterpillar 3516B-HD engines each rated 2,150 HP @ 1,200 rpm, driving Baylor 2,500 kVA AC generators
Power Dist.	Five (5) Ross Hill Type 1860 SCR units, 750 volts DC

Well Control Equipment	
BOP Stack	13-5/8 in. x 10K BOP stack comprising of one (1) Cameron Type U double ram; one (1) Cameron Type U single ram; one (1) Hydril 5K annular preventer. <i>(Note: a 15K BOP stack can be provided as alternative)</i>
BOP Handling	Two (2) JD Neuhaus JDN-EH50 hoists each rated 50 short tons. Total SWL 100 short tons (85 MT).

Cranes	
One (1) Baker Marine 2250D crane at port-forward with 120 ft boom rated 55 short tons at 25 ft. radius; one (1) Baker Marine 1600D crane at starboard side with 120 ft boom rated 45 short tons at 25 ft. radius; and one (1) Baker Marine 900D crane at port-aft with 100 ft boom rated 25 short tons at 20 ft. radius.	

Special Features	
Capable for in-field rig move with 300 kips of tubular in the derrick subject to acceptable weather conditions.	

R-Jul-2022 (10K)



Shelf Drilling Victory

R-Jul-2022 (10K)

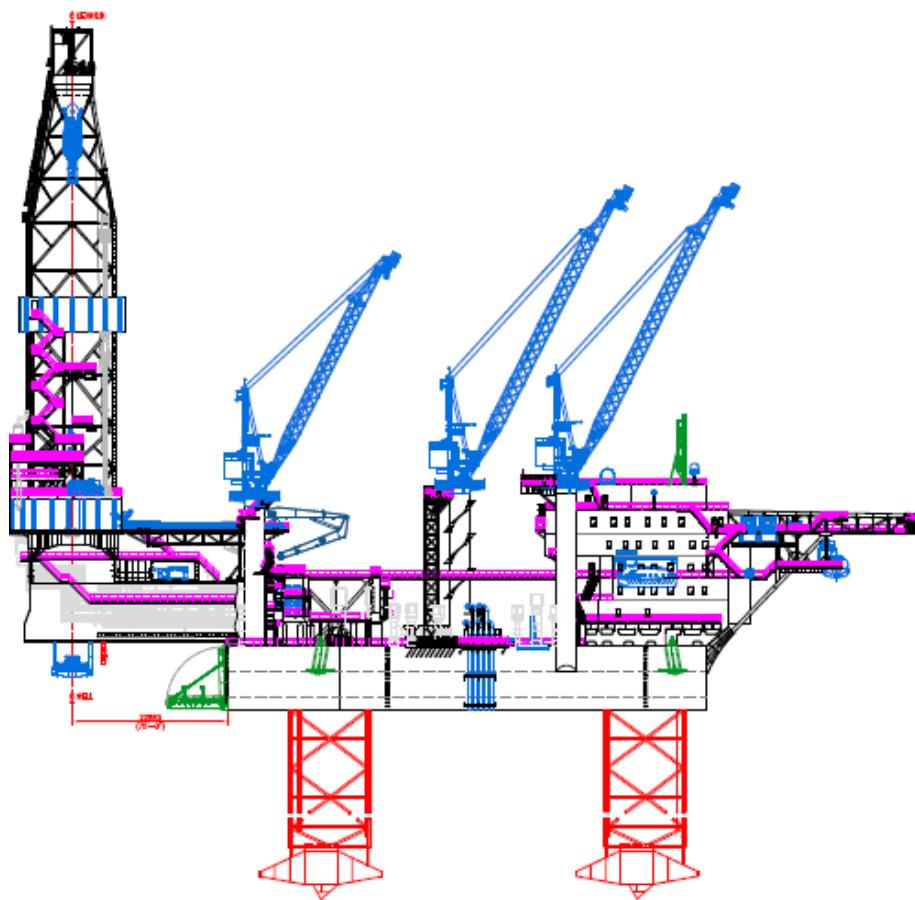
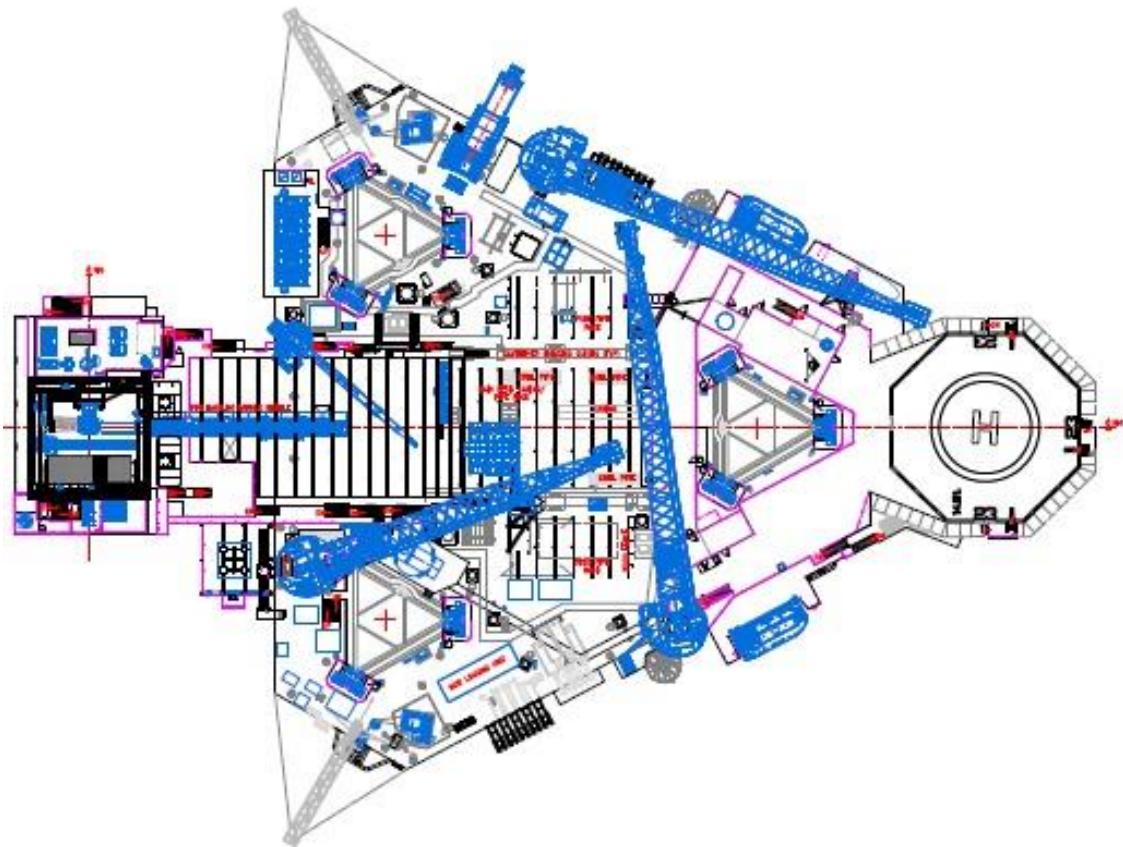


These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Shelf Drilling policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



Noble Houston Colbert will be renamed Shelf Drilling Odyssey 400 Foot Jack-Up Drilling Unit

General Description		Storage Capacities	
Design.....	Friede & Goldman JU-3000N	Liquid Mud (including slug pit).....	7,747 bbls.
Year Built / Last Upgrade.....	2014	Base Oil	2,213 bbls.
Hull Dimensions	231 ft. x 277 ft. x 31 ft.	Brine	2,213 bbls.
Legs (3).....	555 ft. long triangular legs	Drill Water.....	11,255 bbls.
Quarters Capacity.....	150 persons	Potable Water.....	4,082 bbls.
Maximum Water Depth	400 ft.	Fuel	5,185 bbls.
Cantilever Envelope	75 ft. by 30 ft.	Bulk Mud (3 silos)	9,000 cu.ft.
Max Variable Load (drilling).....	Approx. 11,700 kips*	Bulk Cement (3 silos).....	9,000 cu.ft.
*depending on water depth and geographical location		Sack Storage.....	5,000 sacks
Drilling Equipment		Power Equipment	
Derrick	NOV Bolted Single Static Bottleneck 210 ft x 40 ft x 45 ft, static hook load capacity 2,500 kips with sixteen (16) 2" lines	Main Power	Five (5) Caterpillar C-175-16 engines each rated 2,587 HP (1,930 KW) @ 1,200 rpm, driving ABB 2,287 KVA AC generators
Drawworks	NOV SSGD-1250-6900-57-100-10.5 AC Drawworks, 6,900 HP rated input power driven by six (6) 1,150 HP motors	Power Dist.	Fourteen (14) ABB VFD, total maximum continuous power 15,344 KW
Rotary Table	NOV RST-495 with hydraulic motor, 49-1/2 maximum opening, rated 2,000 kips (907 MT)		
Top Drive	NOV TDX-1000 AC Top Drive, 2,000 kips rated to 91,500 ft.lbs. maximum continuous torque at 116 RPM (or 70,000 ft.lbs. at 150 RPM), outfitted with NOV PH203 make-up/break-out system		
Pipe Handling	One (1) NOV ST-160 Iron Roughneck for handling tubular OD from 3-1/2 in to 10 in; one (1) NOV PS30 power slips, one (1) NOV Vertical Column Racker PRS-6is; two (2) NOV Foxhole; one (1) NOV Catwalk Machine CWS-P20-65LS; one (1) NOV PC1891KCE Knuckle-boom at cantilever, SWL 5.5 MT to 12 MT		
Mud Pumps	Three (3) National Oilwell 14-P-220 triplex pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) AC motors rated 1,100 HP continuous		
Solids Control	Five (5) VSM 300 shale shakers (including one used as a mud cleaner); one (1) NOV Gumbo Box; one (1) NOV Brandt SRC-3 desander with 3 x 12" cones; one (1) NOV Brandt SE-20 desilter with 20 x 4" cones		
Instrumentation	NOV Smart Drilling Instrumentation (SDI) & DCDA Cyber-base drilling instrumentation		
Well Control Equipment		Cranes	
Diverter	GE KFDJ 1000, 36-1/2" maximum bore; 1,000 psi WP		
BOP Stack	18-3/4 in. 15K BOP comprising of two (2) Cameron Type TL double ram and one (1) NOV Shaffer 10K annular		
BOP Handling	NOV SAB-300-180M Hydraulic Overhead Crane with 2 lift points on 1 Lifting Fork, total SWL 150 MT; two (2) NOV electric auxiliary BOP service hoists, total SWL 35 MT		
Special Features			
Capable of making up and racking drill pipe stands (up to 6-5/8 in drill pipe with 4 joints of Range 2 or 3 joints of Range 3) and casing stands (up to 13-3/8 in casing) offline. MPD (Managed Pressure Drilling) system operational experience. Suitable for harsh environment working areas. Large deck space and storage capacities. UK Safety Case available.			



Noble Houston Colbert will be renamed Shelf Drilling Odyssey



Noble Sam Hartley will be renamed Shelf Drilling Fortress

400 Foot Jack-Up Drilling Unit

General Description	
Design	Friede & Goldman JU-3000N
Year Built / Last Upgrade	2014
Hull Dimensions	231 ft. x 277 ft. x 31 ft.
Legs (3)	555 ft. long triangular legs
Quarters Capacity	150 persons
Maximum Water Depth	400 ft.
Cantilever Envelope	75 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 14,300 kips*

*depending on water depth and geographical location

Drilling Equipment	
Derrick	NOV Bolted Single Static Bottleneck 210 ft x 40 ft x 45 ft, static hook load capacity 2,500 kips with sixteen (16) 2" lines
Drawworks	NOV SSGD-1250-6900-57-100-10.5 AC Drawworks, 6,900 HP rated input power driven by six (6) 1,150 HP motors
Rotary Table	NOV RST-495 with hydraulic motor, 49-1/2 maximum opening, rated 2,000 kips (907 MT)
Top Drive	NOV TDX-1000 AC Top Drive, 2,000 kips rated to 91,500 ft.lbs. maximum continuous torque at 116 RPM (or 70,000 ft.lbs. at 150 RPM), outfitted with NOV PH203 make-up/break-out system
Pipe Handling	One (1) NOV ST-160 Iron Roughneck for handling tubular OD from 3-1/2 in to 10 in; one (1) NOV PS30 power slips, one (1) NOV Vertical Column Racker PRS-6is; two (2) NOV Foxhole; one (1) NOV Catwalk Machine CWS-P20-65LS; one (1) NOV PC1891KCE Knuckle-boom at cantilever, SWL 5.5 MT to 12 MT
Mud Pumps	Three (3) National Oilwell 14-P-220 triplex pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) AC motors rated 1,100 HP continuous
Solids Control	Five (5) VSM 300 shale shakers (including one used as a mud cleaner); one (1) NOV Gumbo Box; one (1) NOV Brandt SRC-3 desander with 3 x 12" cones; one (1) NOV Brandt SE-20 desilter with 20 x 4" cones
Instrumentation	NOV Smart Drilling Instrumentation (SDI) 100 & DCDA Cyber-base drilling instrumentation

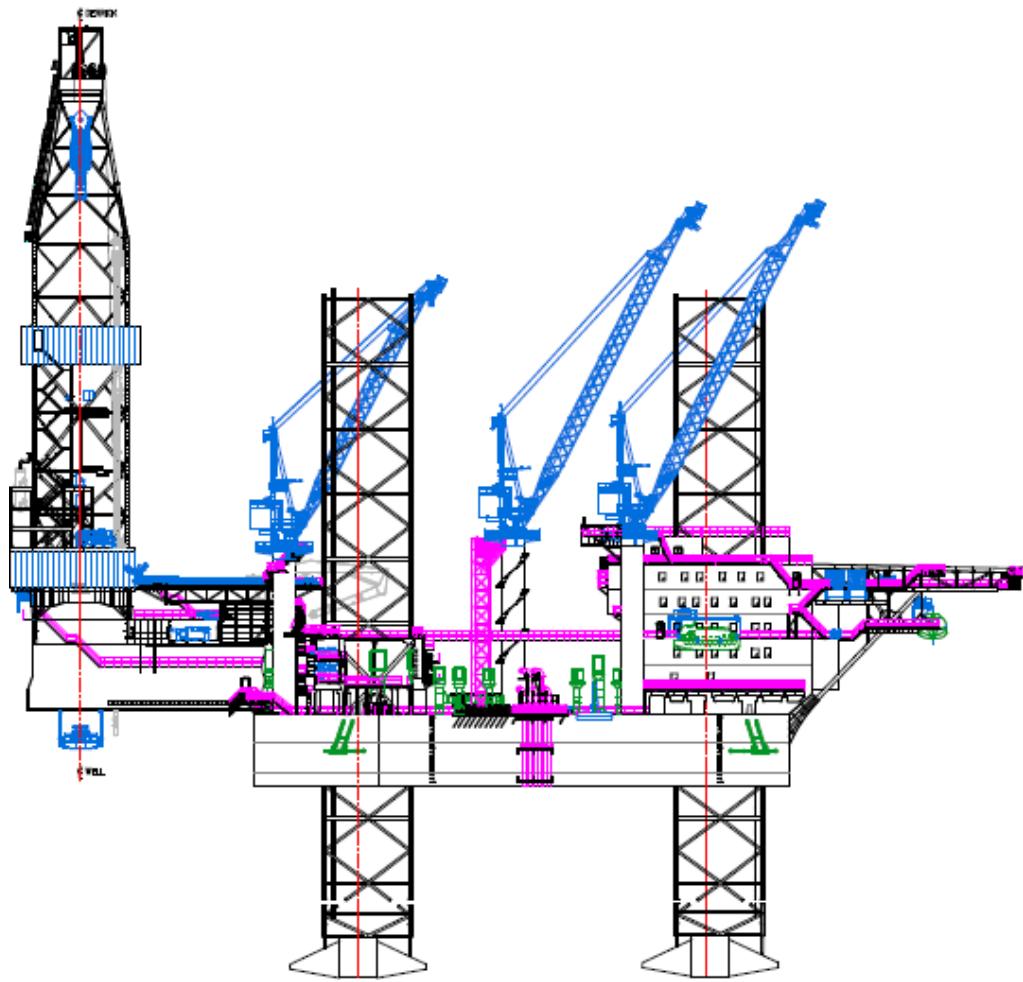
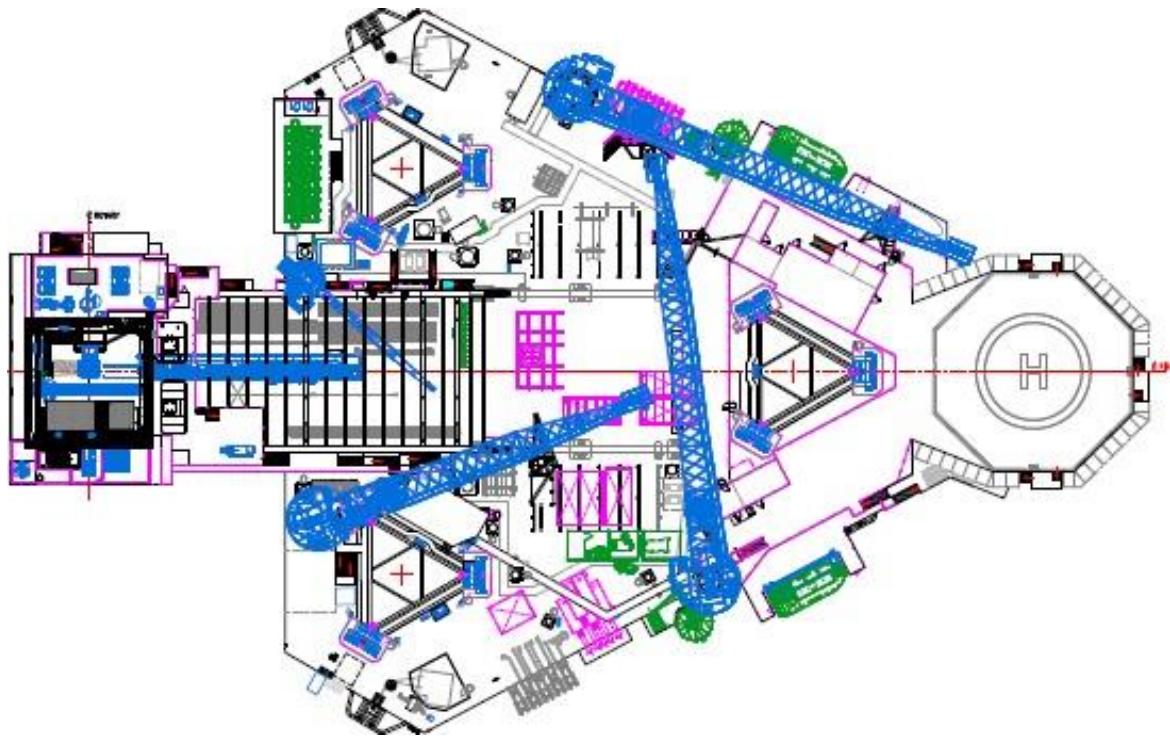
Storage Capacities	
Liquid Mud (including slug pit)	7,824 bbls.
Base Oil	2,213 bbls.
Brine	2,213 bbls.
Drill Water	11,255 bbls.
Potable Water	4,082 bbls.
Fuel	5,185 bbls.
Bulk Mud (3 silos)	9,000 cu.ft.
Bulk Cement (3 silos)	9,000 cu.ft.
Sack Storage	5,000 sacks

Power Equipment	
Main Power	Five (5) Caterpillar C-175-16 engines each rated 2,587 HP (1,930 KW) @ 1,200 rpm, driving ABB 2,287 kVA AC generators
Power Dist.	Fourteen (14) ABB VFD, total maximum continuous power 15,344 KW

Well Control Equipment	
Divertor	GE KFDJ 1000, 36-1/2" maximum bore; 1,000 psi working pressure
BOP Stack	18-3/4 in. x 15K BOP stack comprising of two (2) Cameron Type TL double ram preventers and one (1) NOV Shaffer 10K annular preventer
BOP Handling	NOV SAB-300-180M Hydraulic Overhead Crane with 2 lift points on 1 Lifting Fork, total SWL 150 MT; two (2) NOV electric auxiliary BOP service hoists, total SWL 35 MT

Cranes	
Three (3) NOV OC3000L CE pedestal cranes: 2 ea. with 151 ft boom (forward port & forward starboard) rated to 75 MT at 7.3 m & 1 ea. with 128.6 ft boom (starboard aft) rated to 75 MT at 6.5 m	

Special Features	
Capable of making up and racking drill pipe stands (up to 6-5/8 in drill pipe with 4 joints of Range 2 or 3 joints of Range 3) and casing stands (up to 13-3/8 in casing) offline. MPD (Managed Pressure Drilling) system operational experience. Suitable for harsh environment working areas. Large deck space and storage capacities. UK Safety Case available.	



Noble Sam Hartley will be renamed Shelf Drilling Fortress



Noble Sam Turner will be renamed Shelf Drilling Winner 400 Foot Jack-Up Drilling Unit

General Description

Design	Friede & Goldman JU-3000N
Year Built / Last Upgrade	2014
Hull Dimensions	231 ft. x 277 ft. x 31 ft.
Legs (3)	555 ft. long triangular legs
Quarters Capacity	150 persons
Maximum Water Depth	400 ft.
Cantilever Envelope	75 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 14,300 kips*

*depending on water depth and geographical location

Storage Capacities

Liquid Mud (including slug pit)	7,847 bbls.
Base Oil	2,213 bbls.
Brine	2,213 bbls.
Drill Water	11,255 bbls.
Potable Water	4,082 bbls.
Fuel	5,185 bbls.
Bulk Mud (3 silos)	9,000 cu.ft.
Bulk Cement (3 silos)	9,000 cu.ft.
Sack Storage	5,000 sacks

Power Equipment

Main Power	Five (5) Caterpillar C-175-16 engines each rated 2,587 HP (1,930 KW) @ 1,200 rpm, driving ABB 2,340 KVA AC generators
Power Dist.	Fourteen (14) ABB VFD, total maximum continuous power 15,344 KW

Well Control Equipment

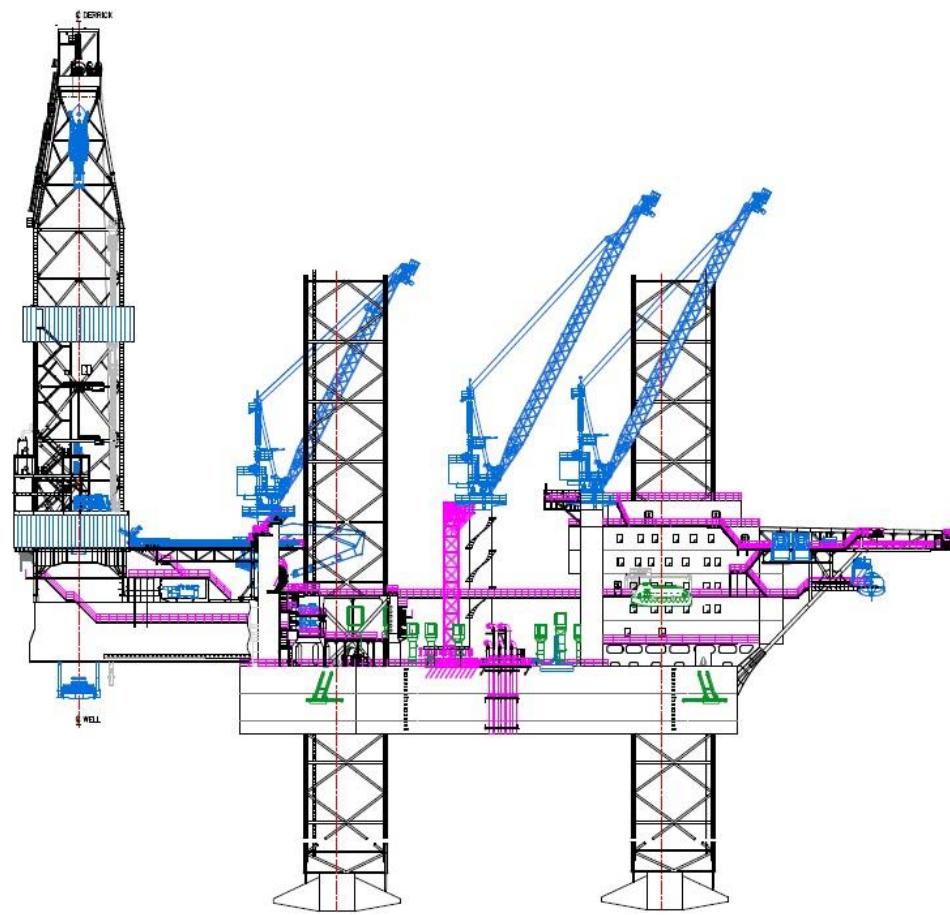
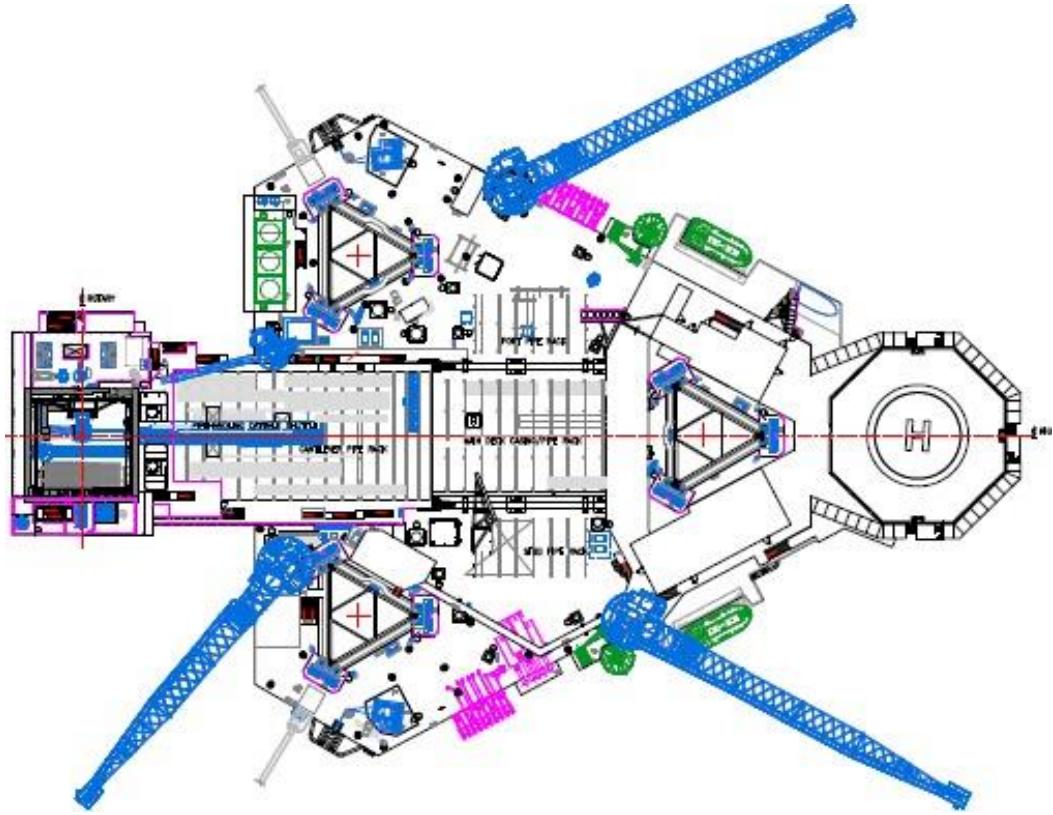
Divertor	GE KFDJ 1000, 36-1/2" maximum bore; 1,000 psi working pressure
BOP Stack	18-3/4 in. x 15K BOP stack comprising of two (2) Cameron Type TL double ram preventers and one (1) NOV Shaffer 10K annular preventer
BOP Handling	NOV SAB-300-180M Hydraulic Overhead Crane with 2 lift points on 1 Lifting Fork, total SWL 150 MT; two (2) NOV electric auxiliary BOP service hoists, total SWL 35 MT

Cranes

Three (3) NOV OC3000L CE pedestal cranes: 2 ea. with 151 ft boom (forward port & forward starboard) rated to 75 MT at 7.3 m & 1 ea. with 128.6 ft boom (starboard aft) rated to 75 MT at 6.5 m

Special Features

Capable of making up and racking drill pipe stands (up to 6-5/8 in drill pipe with 4 joints of Range 2 or 3 joints of Range 3) and casing stands (up to 13-3/8 in casing) offline. MPD (Managed Pressure Drilling) system operational experience. Suitable for harsh environment working areas. Large deck space and storage capacities. UK Safety Case available.



Noble Sam Turner will be renamed Shelf Drilling Winner



Noble Hans Deul will be renamed Shelf Drilling Perseverance 400 Foot Jack-Up Drilling Unit

General Description	
Design	Friede & Goldman JU-2000E
Year Built / Last Upgrade	2008
Hull Dimensions	231 ft. x 249 ft. x 31 ft.
Legs (3)	548 ft. long triangular legs
Quarters Capacity	118 persons
Maximum Water Depth	400 ft.
Cantilever Envelope	75 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 14,000 kips*

*depending on water depth and geographical location

Drilling Equipment	
Derrick	NOV 170 ft x 40 ft x 40 ft, static hook load capacity 1,500 kips with fourteen (14) 1-3/4" lines
Drawworks	NOV SSGD-750-4600-50-82-10.5 AC Drawworks, 4,600 HP rated input power, driven by four (4) 1,150 HP motors
Rotary Table	NOV D-495 with hydraulic motor, 49-1/2 maximum opening, rated 1,600 kips (726 MT)
Top Drive	NOV HPS-750-E-AC-IS-KT AC Top Drive 1,500 kips, rated to 64,175 ft.lb. maximum continuous torque (or 96,000 ft.lb. maximum intermittent torque), outfitted with NOV knuckle-link type make-up/break-out system
Pipe Handling	One (1) NOV Hydra-Tong MPT-200 for tubular OD from 3-1/2 in to 9-3/4 in; one (1) NOV Hydra-Racker X-Y; one (1) NOV Hydraulic Mousehole; one (1) NOV Catwalk Machine; one (1) NOV KMCVCTG-1891 Knuckle-boom at cantilever, SWL 3.5 MT to 12 MT
Mud Pumps	Three (3) National Oilwell 14-P-220 triplex pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) AC motors rated 1,150 HP continuous
Solids Control	Five (5) MI Swaco BEM-600 shale shakers; two (2) NOV Gumbo Master with NOV Flow Divider; one (1) MI Swaco Desander with 3 x 12" cones; one (1) MI Swaco 8T4 Desilter with 16 x 4" cones
Instrumentation	NOV Smart Drilling System (SDI) & BOHR DrillPro Cyber-base drilling instrumentation

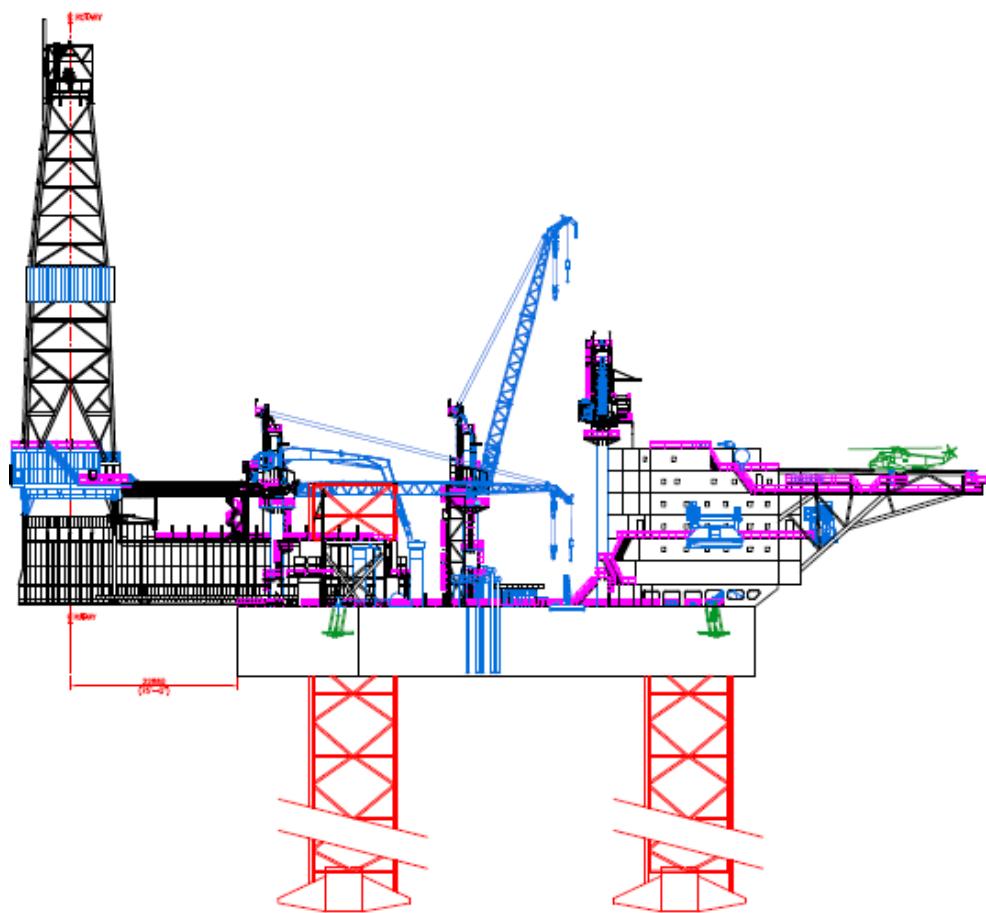
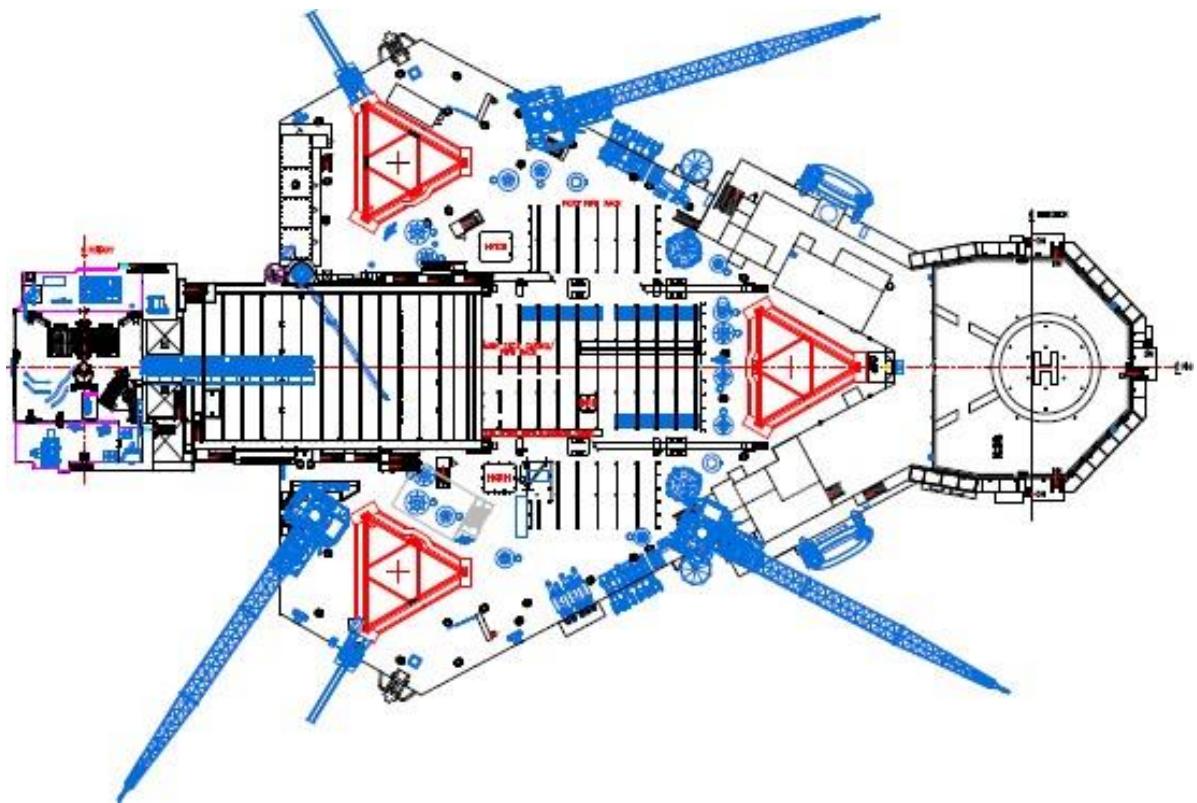
Storage Capacities	
Liquid Mud (including slug pit).....	4,898 bbls.
Base Oil	1,340 bbls.
Brine	1,340 bbls.
Drill Water.....	13,167 bbls.
Potable Water.....	4,613 bbls.
Fuel	5,535 bbls.
Bulk Mud (4 silos)	9,000 cu.ft.
Bulk Cement (4 silos).....	9,000 cu.ft.
Sack Storage	5,000 sacks

Power Equipment	
Main Power	Five (5) Caterpillar 3516B-HD engines each rated 2,150 HP @ 1,200 rpm and driving Baylor 2,000 kVA AC generators
Power Dist.	Eleven (11) Siemens Master-drives VFD @ 1,200 KW, total maximum continuous power 13,200 KW

Well Control Equipment	
Divertor	Vetco Gray KFDJ 500, 27.5 in maximum bore; 500 psi working pressure
BOP Stack	18-3/4 in. x 15K BOP stack comprising of two (2) Cameron Type TL double ram preventers and one (1) NOV Shaffer 10K annular preventer
BOP Handling	NOV Hydraulic Lifting Fork, total SWL 125 MT; two (2) x 17.5 MT NOV electric auxiliary BOP service hoists, total SWL 35 MT

Cranes	
Three (3) Seatrax Model 6024D pedestal cranes with 122 ft boom rated 50.3 MT at 7 m (23 ft) radius	

Special Features	
Capable for making up & racking tubular stands offline. MPD (Managed Pressure Drilling) system operational experience. Suitable for harsh environment working areas. UK Safety Case available.	

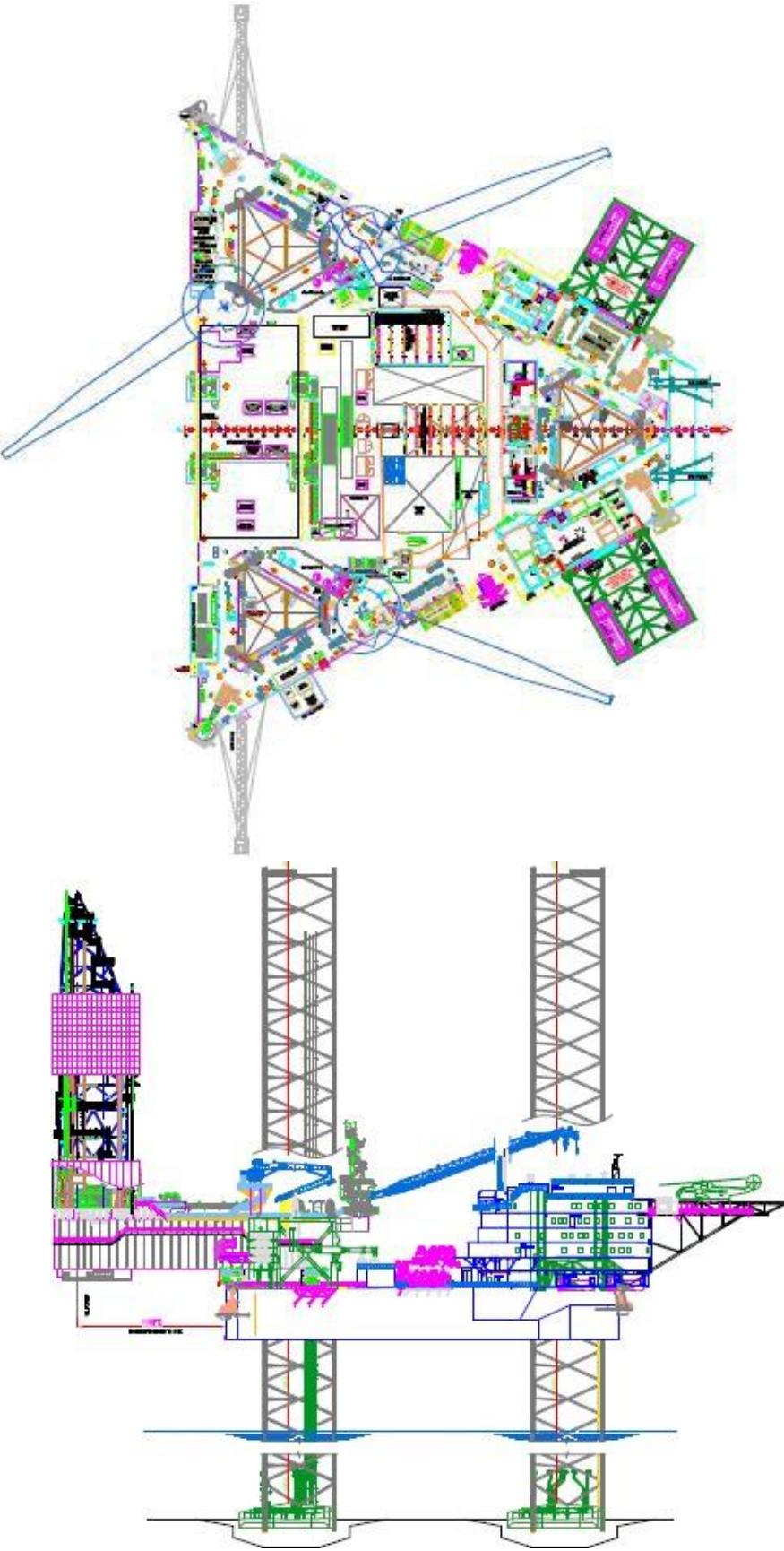


Noble Hans Deul will be renamed Shelf Drilling Perseverance



Noble Lloyd Noble will be renamed Shelf Drilling Barsk 492 Foot Jack-Up Drilling Unit

General Description		Storage Capacities	
Design	GustoMSC CJ70-X150-ST	Liquid Mud (including slug pit).....	11,536 bbls.
Year Built / Last Upgrade.....	2016	Base Oil	3,969 bbls.
Hull Dimensions	296.9 ft. x 377.6 ft. x 39.4 ft.	Brine	4,040 bbls.
Legs (3).....	703 ft. long triangular legs	Drill Water.....	25,801 bbls.
Quarters Capacity	140 persons	Potable Water.....	2,906 bbls.
Maximum Water Depth.....	492 ft. (150 m)	Fuel	12,283 bbls.
Cantilever Envelope.....	110 ft. by 73.8 ft.	Bulk Mud (4 silos)	9,888 cu.ft.
Max Variable Load (drilling).....	Approx. 14,300 kips*	Bulk Cement (4 silos)	9,888 cu.ft.
*depending on water depth and geographical location		Sack Storage.....	5,000 sacks
Drilling Equipment		Power Equipment	
Derrick	NOV Bolted H Profiles 236 ft x 49.2 ft x 52.5 ft, static hook load capacity 2,000 kips with fourteen 2" lines	Main Power Four (4) Wartsila 12V26 engines each rated 5,228 HP (3,900 KW) @ 900 rpm, driving ABB 4,430 kVA AC generators	
Drawworks	NOV SSGD-1000-5750-55-82-10.5 AC Drawworks, 5,750 HP rated input power driven by five (5) 1,150 HP motors	Power Dist. Twenty-one (21) ABB VFD Type ACS800 liquid cooled Multidrive	
Rotary Table	NOV RST-495 with hydraulic motor, 49-1/2 maximum opening, rated 2,000 kips (907 MT)		
Top Drive	NOV TDX-1000 AC Top Drive 2,000 kips, driven by two (2) 1,150 HP AC motors, rated to 91,000 ft.lbs maximum continuous torque at 116 RPM (or 70,000 ft.lbs at 150 RPM), outfitted with NOV PH203 make-up/break-out system		
Pipe Handling	Two (2) NOV ARN-270 Iron Roughnecks for tubular OD from 3-1/2 in to 10 in; one (1) NOV PS30 power slips, two (2) NOV Hydra Racker IV-ER pipe racking systems; one (1) NOV MRS3-15-18" Mousehole; one (1) NOV Casing Stabbing Arm; one (1) NOV Catwalk Machine CWS-P20-65LS; one (1) NOV PC2201KCE Knuckle-boom at cantilever, SWL 6 MT to 14 MT		
Mud Pumps	Three (3) National Oilwell 14-P-220 triplex pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) AC motors rated 1,100 HP continuous		
Solids Control	Six (6) Axiom AX-1 shale shakers 1,000 GPM each		
Instrumentation	NOV Smart Drilling Instrumentation (SDI) 100 system & Drilling Control and Data Acquisition (DCDA) Cyber-base drilling instrumentation		
Well Control Equipment		Cranes	
Diverter	GE KFDJ 500, 27-1/2" maximum bore; 500 psi WP		
BOP Stack	18-3/4 in. x 15K BOP stack comprising of two (2) Cameron TL double ram preventers and one (1) Cameron DL 10K annular preventer		
BOP Handling	NOV SAB-300-180M Hydraulic Overhead Crane with 2 lift points on 1 Lifting Fork, total SWL 150 MT; two (2) NOV hydraulic BOP service hoists, total SWL 32 MT; four (4) BOP / X-mas Tree Skidding System, SWL 150 ST		
Special Features			
Capable of racking drill pipe stands (up to 5-7/8 in with 4 joints R2 or 3 joints R3) and casing stands (up to 14 in) offline. GustoMSC X-Y skidding system providing large drilling envelope of 110 ft x 73.8 ft. Integrated MPD (Managed Pressure Drilling) system hardware & control system. Suitable for harsh environment. Norwegian AoC & UK Safety Case available.			



Noble Lloyd Noble will be renamed Shelf Drilling Barsk



VALARIS 108



KFELS MOD V Jackup • Year in Service: 2007

CAPACITIES

Rotary Load:
1,500,000 lbs

Setback Load:
900,000 lbs

Liquid Capacity:
3,891 bbl

Bulk Cement:
5,100 cu ft

Bulk Barite:
6,000 cu ft

Potable Water:
2,000 bbl

Drill Water:
20,089 bbl

Diesel Fuel:
3,384 bbl

Base Oil:
1,002 bbl

Brine:
1,000 bbl

DRILLING EQUIPMENT

Derrick:
Woolslayer 160ft x 32ft x 35ft

Travelling Block:
Varco 750t rating

Drawworks:
Varco/ADS-10DT, 3,000 hp

Prime Movers:
(5) Cat 3516-B driving (1) Cat SR4B 1,383 kW generator; total 9,275 hp

Cementing Equipment:
Dowell Schlumberger

Cranes:
(3) Favco Model 7.5/10K 10T, whip line 45.4MT main line; diesel hydraulic.

Top Drive/Power Swivel:
Varco TDS-8SA, 750t

Crown Block:
Varco 750 st

Rotary:
Varco/BJ RST 495, 49 ½" max opening

Emergency Generator
Cat 3512 - C engine x 1,360 kW

Torque Wrench/Spinner:
(1) NOV ARN3200

WELL CONTROL

Diverters:
ABB Vetco KFDJ 49 ½" 2,000 psi

Annular:
Cameron 13 5/8" x 5,000 psi

BOP:
Cameron U 13 5/8" x 10,000 psi
(2) singles & (1) double

MUD SYSTEMS

Mud Pumps:
(3) Lewco W-2215, 2,200 hp x 7,500 psi

Shale Shakers:
(4) VSM 300

Degasser:
(2) Brandt DG-10 1,000 gpm

PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:
461ft

Leg Length:
517ft

Hull Length:
234ft

Hull Width:
208ft

Hull Depth:
25ft

Maximum Drilling Depth:
30,000ft

Longitudinal Leg Centers:
129ft

Transverse Leg Centers:
142ft

Hook Load:
1,500,000 lbs

Cantilever Skid Out:
70ft

Substructure Travel:
15ft transverse to port or starboard

Mud System Max. Pressure:
7,500 psi

Quarters Accommodations:
120 persons

Heliport - can accommodate:
S-92

Changes / modifications to the above listed equipment could occur.

Maximum Water Depth denotes the designed rating, pending site specific assessment.

Should you have specific questions, please contact the Marketing Department at: marketing@valaris.com



VALARIS 141

LeTourneau Super 116E Jackup • Year in Service: 2016



CAPACITIES

Rotary Load:
1,500,000 lbs

Setback Load:
750,000 lbs

Liquid Capacity:
5,235 bbl

Bulk Cement:
7,000 cu ft

Bulk Barite:
7,000 cu ft

Potable Water:
2,648 bbl

Drill Water:
16,536 bbl

Diesel Fuel:
3,928 bbl

Base Oil:
981 bbl

Brine:
981 bbl

DRILLING EQUIPMENT

Derrick:
LCM Woolslayer 170ft x 35ft x 32ft

Travelling Block:
NOV Dercos 768TB-750-8C x 750T

Drawworks:
NOV ADS-10T x 3,450 hp

Prime Movers:
(5) Cat 3516 CHD engine x 1,596 kW

Cementing Equipment:
Baker Hughes

Cranes:

(1) 140ft boom x 75 sT at 35ft radius (Diesel) (2) 120ft boom x 51 sT at 30ft radius (Electric)

Top Drive/Power Swivel:
NOV TDS-8SA x 750T

Crown Block:
Lee C Moore 750 st

Rotary:
NOV D-495 x 49 ½" 750T

Emergency Generator:
Cat 3512-C engine x 1,360 kW

Torque Wrench/Spinner:
(1) NOV ST-160

WELL CONTROL

Diverters:
Vetco KFDJ x 49 ½" RST

Annular:
Shaffer 18 ¾" x 10,000 psi

BOP:
(2) Shaffer 18 ¾" 15M doubles

MUD SYSTEMS

Mud Pumps:
(3) NOV 14-P-220 x 2,200 hp x 7,500 psi

Shale Shakers:
(5) NOV Brandt VSM 300

Degasser:
(2) NOV Brandt DG-10

PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:
384ft

Leg Length:
444ft

Hull Length:
243ft

Hull Width:
206ft

Hull Depth:
26ft

Maximum Drilling Depth:
30,000ft

Longitudinal Leg Centers:
129ft

Transverse Leg Centers:
142ft

Hook Load:
1,500,000 lbs

Cantilever Skid Out:
70ft

Substructure Travel:
15ft transverse to port
or starboard

Mud System Max. Pressure:
7,500 psi

Quarters Accommodations:
140 persons

Heliport - can accommodate:
S-61 and S-92

Changes / modifications to the above listed equipment could occur.

Maximum Water Depth denotes the designed rating, pending site specific assessment.

Should you have specific questions, please contact the Marketing Department at: marketing@valaris.com



VALARIS 249

LeTourneau Technologies Super Gorilla Class Jackup • Year in Service: 2001

CAPACITIES

Rotary Load:
2,000,000 lbs

Setback Load:
1,000,000 lbs

Liquid Capacity:
5,575 bbl

Bulk Cement:
11,220 cu ft

Bulk Barite:
11,220 cu ft

Potable Water:
1,454 bbl

Drill Water:
29,584 bbl (incl. combo tanks)

Diesel Fuel:
7,227 bbl

Base Oil:
1,737 bbl

Brine:
2,425 bbl

PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:
515ft

Leg Length:
607ft

Hull Length:
306ft

Hull Width:
300ft

Hull Depth:
36ft

Maximum Drilling Depth:
35,000ft

Longitudinal Leg Centers:
189ft

Transverse Leg Centers:
218ft

Hook Load:
2,000,000 lbs

Cantilever Skid Out:
100ft aft of transom

Substructure Travel:
20ft transverse to port or starboard

Mud System Max. Pressure:
7,500 psi

Quarters Accommodations:
120 persons

Heliport - can accommodate:
Sikorsky S-61N / EH-101 /
Boeing BV234LR Chinook

DRILLING EQUIPMENT

Derrick:
170ft Woolslayer 40ft X 40ft

Top Drive/Power Swivel:
NOV TDX1000 with (2) 1150HP AC Drilling
motors

Travelling Block:
National Oilwell Model 1000, Capacity:
2,000,000 lbs

Crown Block:
Woolslayer, Capacity: 2,000,000 lbs

Drawworks:
National Oilwell 2040 UDBE

Rotary:
National Oilwell D495

Prime Movers:
(5) Caterpillar 3608 @ 3,395 hp

Emergency Generator:
(1) Caterpillar 3608 @ 3,395 hp

Cementing Equipment:
Halliburton HCS Advantage Skid

Torque Wrench/Spinner:
(1) Varco AR 3200 with SSW-50
Spinning wrench

Cranes:
(4) LeTourneau PCM-350 SS and (1)
LeTourneau PCM-120 SS

WELL CONTROL

Divertor:
ABB Vetco Gray KFDJ Model "J" 2K psi

MUD SYSTEMS

Mud Pumps:
(4) Continental Emsco Pumps Model: FC-2200

Annular:
(1) 18 3/4", 10k

Shale Shakers:
(4) Axiom AX-1 triple deck shakers

BOP:
(2) Cameron-18 3/4", 15k Type TL Double, B.O.P.
w/ (3) 1/16" 15k outlets

Degasser:
Derrick Vacu-Flo, 1,200 gpm

Changes / modifications to the above listed equipment could occur.

Maximum Water Depth subject to site specific assessment.

Should you have specific questions, please contact the Marketing Department at: marketing@valaris.com



VALARIS STAVANGER

(VALARIS JU-291)

KFELS N-Class Jackup • Year in Service: 2011



• CAPACITIES

Rotary Load:
2,000,000 lbs

Setback Load:
1,200,000 lbs

Liquid Capacity:
7,221 bbl

Bulk Cement:
7,060 cu ft

Bulk Barite:
8,825 cu ft

Potable Water:
4,700 bbl

Drill Water:
38,523 bbl (incl. combo tanks)

Diesel Fuel:
5,465 bbl

Base Oil:
2,073 bbl

Brine:
4,975 bbl

• DRILLING EQUIPMENT

Derrick:
SSBN 1100 - 40ft x 40ft base, 180ft high,
2,200,000 lbs on 16 lines

Travelling Block:
NOV, Capacity: 2,000,000 lbs

Drawworks:
NOV model 4600 driven by (4) 1,050 hp AC
Motors

Prime Movers:
(4) Wartsila 8L26 diesel engines Driving (4)
Leroy Somer 2,400 kW gen.

Cementing Equipment:
(2) Schlumberger CPS 665 RC unit 18k psi WP
Driven by (2) 860 hp Diesel engines

Cranes:

(3) Pedestal Cranes (1) Liebherr BOS 2600-50 D Lit, (1) Liebherr BOS 4200-50 EX Lit, (1) Liebherr
BOS 4200-50 D Lit, (1) NOV KMCVCT 1891-9-25 Knuckle Boom Pipe Handling Crane

• WELL CONTROL

Diverters:
Vetco Gray Model KJDF-500 Annular BOP,
500 psi

Annular:
(1) 18 3/4" Shaffer NXT Spherical BOP 10K psi

BOP:
(2) 18 3/4" 15K psi Shaffer type NXT doubles
with (4) 3 1/16 outlets with H₂S trim

Top Drive/Power Swivel:
NOV HpS 03-1000, 2,300 hp AC Motor - Output
Torque 115Kft lbs

Crown Block:
NOV, Capacity: 2,200,000 lbs

Rotary:
RTS 495

Emergency Generator
(1) CAT 3508B DITA Driving (1) Leroy Somer
968 kW gen.

Torque Wrench/Spinner:
NOV ARN270 Iron Roughneck

• MUD SYSTEMS

Mud Pumps:
(3) 14-P-220, 7,500 psi Driven by (2) GE 1,100
HP AC Motors

Shale Shakers:
(5) Varco Brandt VSM 300

Degasser:
(2) Swaco CD 1400 degasser

• PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:
491ft

Leg Length:
568ft

Hull Length:
264ft

Hull Width:
289ft

Hull Depth:
35ft

Maximum Drilling Depth:
35,000ft

Longitudinal Leg Centers:
177ft

Transverse Leg Centers:
206ft

Hook Load:
2,000,000 lbs

Cantilever Skid Out:
75ft aft of transom

Substructure Travel:
20ft transverse to port or

starboard, +secondary
centerline 26ft to starboard
with same 20ft/20ft
transverse

Mud System Max. Pressure:
7,500 psi

Quarters Accommodations:
140 persons

Heliport - can accommodate:
Sikorsky 61N or S-92

Changes / modifications to the above listed equipment could occur.

Maximum Water Depth subject to site specific assessment.

Should you have specific questions, please contact the Marketing Department at: marketing@valaris.com



BESS BRANTS -84

Design: LeTourneau Technologies Super 116E-PB Class Jackup

Built: Consorsio Rio Paraguacu Sao Roque, Brazil

Year Built / Last Upgrade: 2012 / 2019



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Islands.
Overall Dimensions (Hull).....	243 ft. long x 206 ft. wide x 26 ft. deep.
Legs	3 x 477.47 ft. long, Square.
Longitudinal Leg Centers	129 ft.
Transverse Leg Centers.....	142 ft.
Drafts	18.35 ft. load line draft.
Accommodation	110 persons.
Displacement	29,870 kips operating.
Variable Deck Load	6,457 kips operating / 4,508 kips. transit.
Transit Speed.....	Average 3 knots (min.300 kips combined bollard pull).
Operating Water Depth.....	350 ft.
Maximum Drilling Depth.....	30,000 ft.

Drilling Equipment

Derrick	Loadmaster 35 ft. x 32 ft. Base, 170 ft.
Hook load Capacity	1,500,000 lbs. on 14 Lines static hook load capacity.
Top Drive	Letourneau DDTD-750-V2 750 tones, ,1575 hp AC Motor, Output torque 72,000 ft lbs.
Cantilever / Drill Floor	70 ft aft of Transom.
Travelling Block	Letourneau TB-750, Capacity 750 tons.
Crown Block	Loadmaster C150016x14-11NC, Capacity 1,000 tons.
Drawworks	Letourneau LDW-1500K, Driven by (3) 1,500 hp AC Motors with 1-5/8-inch Drill Line.
Auxiliary Brake	N/A.
Rotary Table	Letourneau L-495, 49-1/2-inch, Capacity 1,250 tons. Driven by (1) OEM 1,150 hp AC Motor.
Cementing Eqpt.	Baker Hughes Seahawk Unit.
Torque Wrench	NOV ST-120 Iron Roughneck, (1) 950 Hydril Hawk Spinner

Mud System

Mud Pumps	(3) Letourneau Model W-2215, Triplex, Driven by (2) OEM 1150 hp AC motors.
HP Mud System	Rated for 7,500 psi.
Mud Pits	3,512 bbls total, (6) Mud Pits (2) Slug Pits.
Desanders & Desilters	(1) NOV Desander with 3x12" cones, (1) NOV Desilter with 24x4" cones.
Degasser	(1) NOV Model DG-10, 1,000 gpm.
Shale Shakers	(5) NOV Brandt King Cobra shakers, 700 gpm.

Storage Capacities

Fuel Oil.....	1,994 bbls.
Liquid Mud	3,512 bbls
Drill Water	19,094 bbls (Incl. combo tanks).
Potable Water	2,057 bbls.
Bulk Material	(Barite/Bentonite + Cement) 12,000 cu.ft.
Sack Storage.....	775 sq.ft.
Pipe Storage (Main).....	1,400 sq. ft x 7 ft. high.
Pipe Storage (Cantilever).....	2,000 sq. ft x 7 ft. high.

BOP & Well Control

BOP	(1) 13-5/8" 10K (2ea Double). (1) 21-1/4" 2K & 30" 1K Annular.
BOP Handling	(2) Ingersoll Rand winches Model 75 tons each hoist.
Divertor	Vetco Grey Model KFDJ 500 psi.
Control Unit	Cameron 3k psi BOP Control Unit 15 gal. bottles with reservoir tank capacity 600 gal.
Choke Manifold	4-1/16" 10k Upstream x 4-1/16" 5K Downstream

Power & Machinery

Main Power	(5) Caterpillar 3516CHD diesel engines rated 2,150 hp (5) KATO 6P6.6-3200HR Generator rated 1,525 kw.
Emergency Power	(1) Caterpillar 3512CHD diesel engine rated 1,476 hp (1) KATO 6P6-2900 Generator rated 1,280 kw.

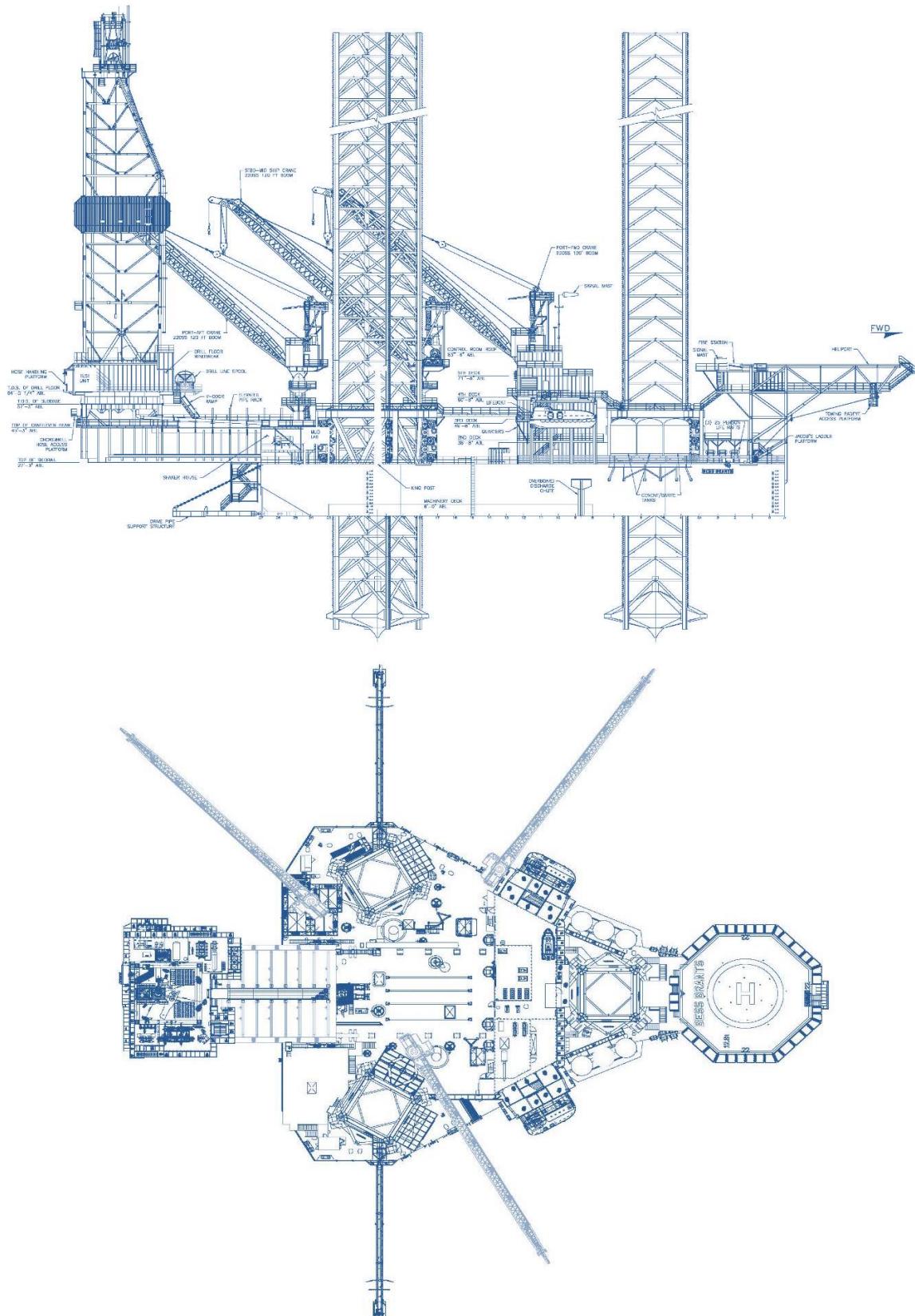
Cranes

Deck Cranes	(3) Letourneau PCM-220 SS Pedestal Cranes, SWL 75 tons,
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Special Features & Other Information

Helideck	D 22.2 M, SWL 12.8 t.
Jacking	5 pinions per chord, 4 x chords per leg, 600 kips per pinion for holding capacity and 361 kips per pinion for jacking capacity.





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EARNEST DEES -85

Design: LeTourneau Technologies Super 116E-PB Class Jackup

Built: Consorsio Rio Paraguacu Sao Roque, Brazil

Year Built / Last Upgrade: 2013 / 2019



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Islands.
Overall Dimensions (Hull)	305.27 ft. long x 206 ft. wide x 26 ft. deep.
Legs	3 x 477.47 ft. long, Square.
Longitudinal Leg Centers	129 ft.
Transverse Leg Centers	142 ft.
Drafts	18.35 ft. load line draft.
Accommodation	110 persons.
Displacement	25,630.8 kips operating.
Variable Deck Load	6,457 kips operating / 4,508 kips. transit.
Transit Speed	Average 3 knots (min.300 kips combined bollard pull).
Operating Water Depth	350 ft.
Maximum Drilling Depth	30,000 ft.

Drilling Equipment

Derrick	Loadmaster 35 ft. x 35 ft. Base. 170 ft.
Hook load Capacity	1,500,000 lbs. on 14 Lines static hook load capacity.
Top Drive	Letourneau DDTD-750-V2 750 tones, ,1575 hp AC Motor, Output torque 72,000 ft lbs.
Cantilever / Drill Floor	70 ft aft of Transom.
Travelling Block	Letourneau TB-750, Capacity 750 tons.
Crown Block	Loadmaster C150016x14-11NC, Capacity 1,000 tons.
Drawworks	Letourneau LDW-1500K, Driven by (3) 1,500 hp AC Motors with 1-5/8 inch Drill Line.
Auxiliary Brake	N/A.
Rotary Table	Letourneau L-495, 49-1/2 inch, Capacity 1,000 tons. Driven by (1) OEM 1,150 hp AC Motor.
Cementing Eqpt.	Baker Hughes Seahawk Unit.
Torque Wrench	NOV ST-120 Iron Roughneck, (2) 950 Hydri Hawk Spinner

Mud System

Mud Pumps	(3) Letourneau Model W-2215, Triplex, Driven by (2) OEM 1150 hp AC motors.
HP Mud System	Rated for 7,500 psi.
Mud Pits	(6) Mud Pits (2) Slug Pits 3,512 bbls.
Desanders & Desilters	(1) NOV Desander with 3x12" cones, (1) NOV Desilter with 24x4" cones.
Degasser	(1) NOV Model DG-10, 1,000 gpm.
Shale Shakers	(5) NOV Brandt King Cobra shakers, 700 gpm.

Storage Capacities

Fuel Oil	3,065 bbls.
Liquid Mud	3,512 bbls
Drill Water	19,094 bbls (Incl. combo tanks).
Potable Water	2,057 bbls.
Bulk Material	(Barite/Bentonite + Cement) 12,000 cu.ft.
Sack Storage	775 sq.ft.
Pipe Storage (Main)	1,317 sq. ft x 7 ft. high.
Pipe Storage (Cantilever)	2,000 sq. ft x 7 ft. high.

BOP & Well Control

BOP	(1) 13-5/8" 10K Double. (1) 21-1/4 2K & 30 1K Annular.
BOP Handling	(2) Ingersoll Rand winches Model 75 tons each hoist.
Diverter	Vetco Grey Model KFDJ 500 psi.
Control Unit	Cameron 3k psi BOP Control Unit 15 gal. bottles with reservoir tank capacity 825 gal.
Choke Manifold	3-1/16" 15k Upstream to 3-1/16" 10K Downstream

Power & Machinery

Main Power	(5) Caterpillar 3516 CHD diesel engines driving (5) KATO 1,525 kw Generator.
Emergency Power	(1) Caterpillar 3516 CHD driving (1) Kato 1,525 kw Generator.

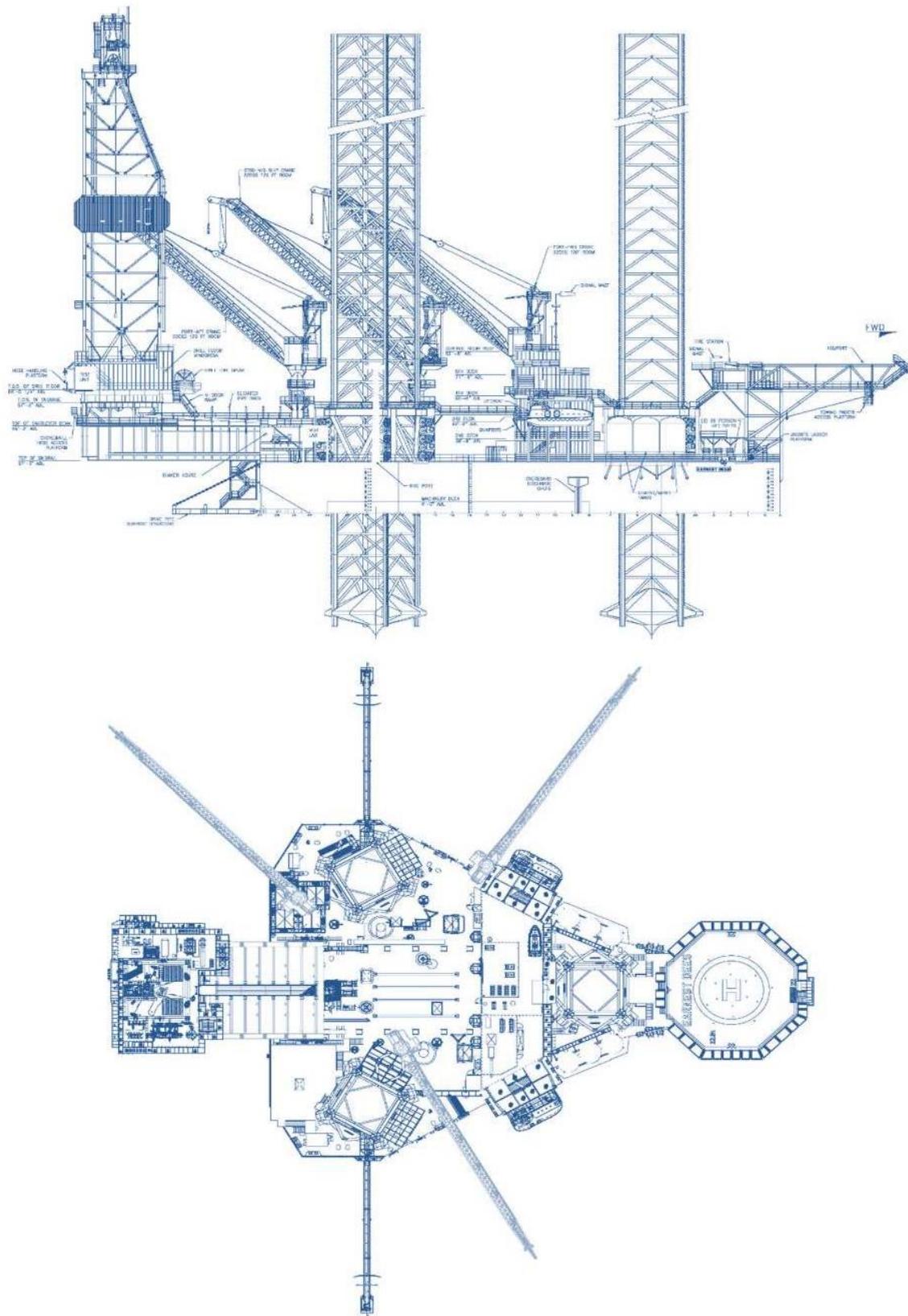
Cranes

Deck Cranes	(3) Letourneau PCM-220 SS Pedestal Cranes with 120ft boom, SWL 75 tons,
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Special Features & Other Information

Helideck	D 22.2 M, SWL 12.8 t.
Jacking	5 pinions per chord, 4 x chords per leg, 600 kips per pinion for Holding capacity and 375 kips per pinion for jacking capacity.





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JP Bussell

Design: LeTourneau Technologies Tarzan Class

Built: Vicksburg, Mississippi

Year Built / Last Upgrade: 2008 / 2016



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Islands.
Overall Dimensions (Hull).....	215 ft. long x 196 ft. wide x 22 ft. deep.
Legs	3 x 445 ft. long, triangle.
Longitudinal Leg Centers	122 ft.
Transverse Leg Centers.....	141 ft.
Drafts	16 ft. load line draft.
Accommodation	107 persons.
Displacement	25,806 kips operating.
Variable Deck Load	7,647.01 kips operating / 3,191.19 kips transit.
Transit Speed.....	average 3 knots (min. 300 kips combined bollard pull).
Maximum Water Depth.....	300 ft.
Maximum Drilling Depth.....	35,000 ft.

Drilling Equipment

Derrick	Woolslayer base 36 ft. X 36 ft, 170 ft.
Hook load Capacity	2,000,000 lbs. on 16 Lines static hook load capacity.
Top Drive	National Oilwell PS-2 750A, 7500 psi rated 1,500 hp AC motor, output torque 79,000 ft lbs continuous at 250 rpm.
Cantilever / Drill Floor	50 ft aft of Transom (60 ft with extension beams) / 15 ft transverse to port or starboard.
Travelling Block	LEWCO TB-1000, Capacity 1000 tons.
Crown Block	Woolslayer / 12526A Model rated Capacity 2,000,000 lbs.
Drawworks	Lewco 3000, Driven by (2) 1,500 hp AC Motors with 1-3/4 - inch Drill Line.
Auxiliary Brake	NOV Baylor 15050 W.
Rotary Table	Lewco L495, 49-1/2 inch, Capacity 1,000 tons, Driven by (1) OEM 400 hp AC Motor.
Cementing Eqpt.	BJ Electric Seahawk
Torque Wrench	NOV TW-61 Torque Wrench, size 3-1/2" to 8-1/2".

Mud System

Mud Pumps	(3) LEWCO-3000, Triplex 1,500 hp driven (2) OEM AC motors, rated 1500 hp.
HP Mud System	Rated for 7,500 psi.
Mud Pits	4,280 bbls total- (6) Mud Pits (2) Slug Pits (1) Reserve Mud Tank.
Desanders & Desilters	(1) Derrick / 2SG48-120F-4A-55 (3) - 10" poly cones 1,500 gpm. (1) Derrick / 2M48-120F-4A-55 (20) - 4" poly cones 2,400 gpm.
Degasser	(1) Derrick VAC-FLO / 1200 flow rate 1200 gpm.
Shale Shakers	(4) Derrick Corporation, Model FLC-504, 750 gpm each.

Storage Capacities

Fuel Oil	5,505 bbls.
Liquid Mud	4,280 bbls.
Base Oil	726 bbls.
Drill Water	7,190 bbls (incl. combo tanks).
Potable Water	1,582 bbls.
Bulk Material	(Barite/Bentonite + Cement) 11,882 cu.ft.
Sack Storage.....	775 sq. ft.
Pipe Storage (Main).....	2,400 sq. ft. x 7ft. high.
Pipe Storage (Cantilever).....	2,352 sq. ft. x 7ft. high.

BOP & Well Control

BOP	(1) 13-5/8" 10K (2ea Double) Hydril GX (1) 21-1/4" 2K & 30" 1K Annular
BOP Handling	(2) JD Neuhaus, Pneumatic Chain Hoist 125 Ton each hoist.
Divertor	GE Vetco Gray, Model KFDJ 500 psi.
Control Unit	Cameron, 3K psi BOP Control Unit (80) 15 gal. bottles with reservoir tank capacity 600 gal.
Choke Manifold	3-1/16" 15K Upstream to 4-1/16" 10K Downstream.

Power & Machinery

Main Power	(5) Caterpillar 3516BHD V16, diesel engines rated 2,150 hp (5) Kato 6P6-3000 Generator rated at 1,540kw.
Emergency Power	(1) Caterpillar 3516BHD V16 diesel engines rated 2,150 hp (1) Kato 6P6-3000 Generator rated at 1,540kw.

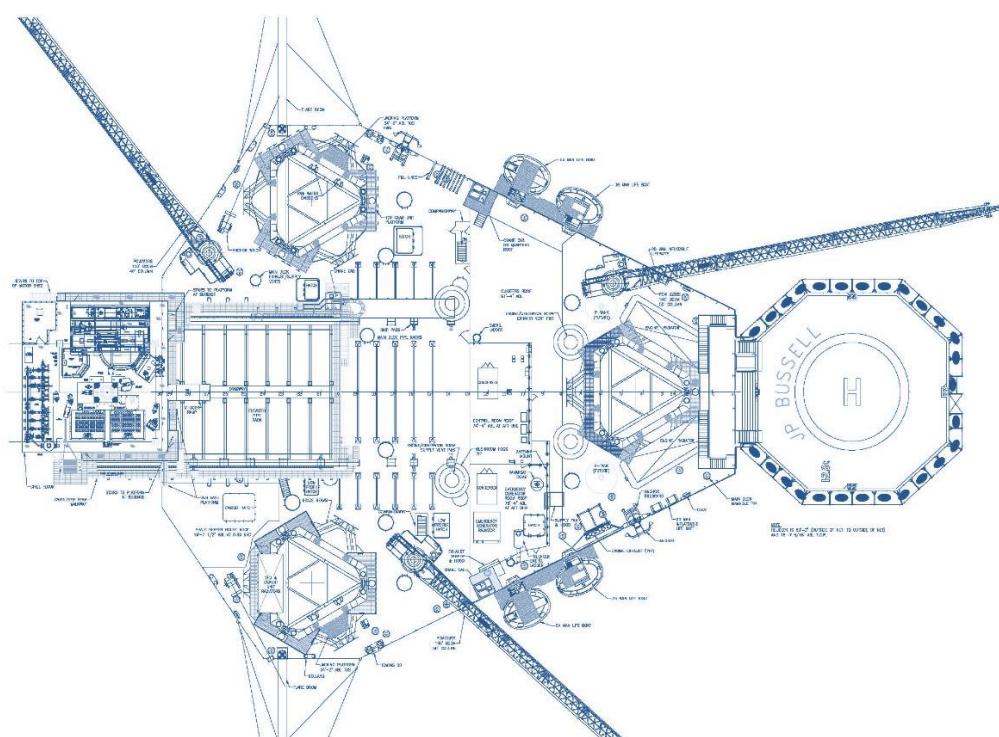
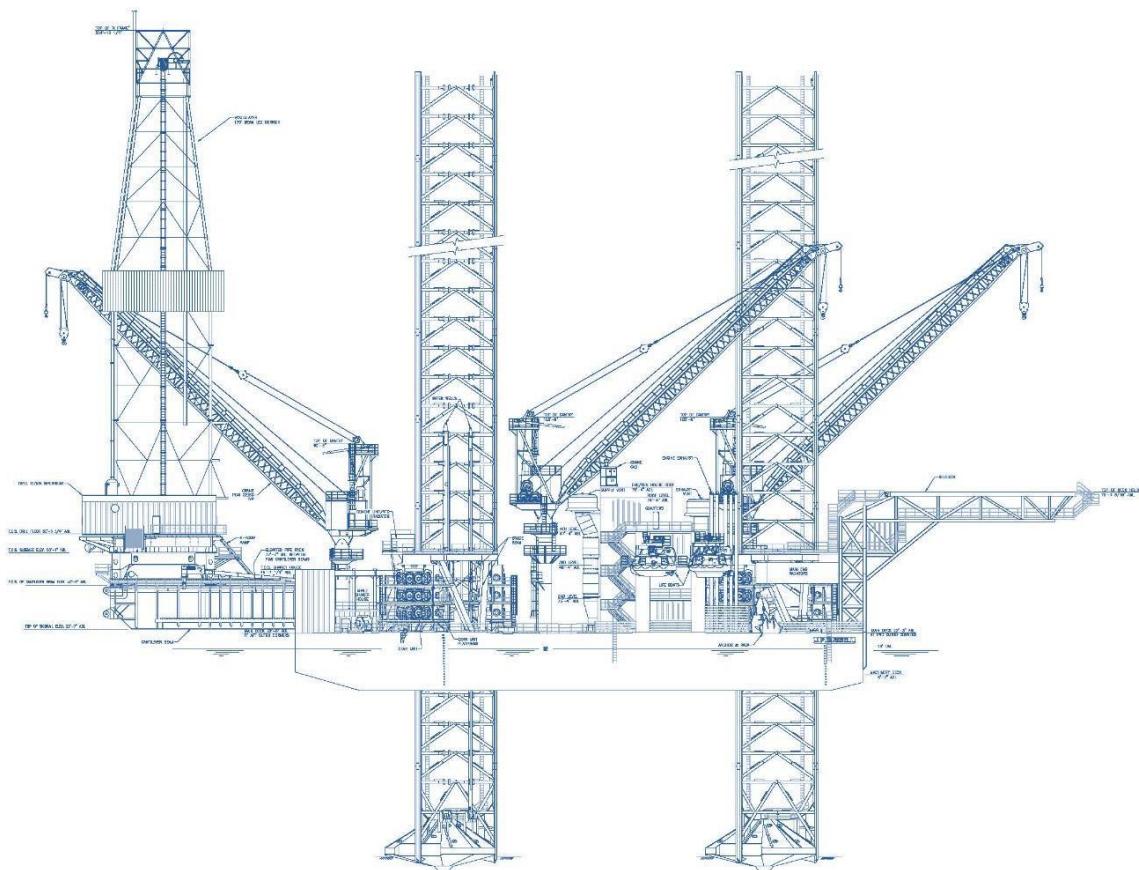
Cranes

Deck Cranes	(3) Letourneau PCM 220SS Pedestal Crane, SWL 50 tons.
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Special Features & Other Information

Helideck	D 22.2 M, SWL 12.8 tons.
Jacking Capacity	6 pinions per chord, 3 x chords per leg, 1000 kips per pinion for holding capacity and 400 kips per pinion for jacking capacity.





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HANK BOSWELL

Design: LeTourneau Technologies Tarzan Class

Built: Vicksburg, Mississippi

Year Built / Last Upgrade: 2006 / 2021



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Islands.
Overall Dimensions (Hull)	215.33 ft. long x 196 ft. wide x 22 ft. deep.
Legs	3 x 445.45 ft. long, triangle.
Longitudinal Leg Centers	121.67 ft.
Transverse Leg Centers	140.50 ft.
Drafts	15.94 ft. load line draft.
Accommodation	110 persons.
Displacement	25,806.22 kips operating.
Variable Deck Load	7,766,270 lbs operating / 2,689,630 lbs transit.
Transit Speed	average 3 knots (min. 300 kips combined bollard pull).
Maximum Water Depth	300 ft.
Maximum Drilling Depth	35,000 ft.

Drilling Equipment

Derrick	Woolslayer 36 ft. X 36 ft. 170 ft.
Hook load Capacity	2,000,000 lbs. on 16 Lines static hook load capacity.
Top Drive	National Oilwell PS-2 750A, 7500 psi rated 1,500 hp AC motor, output torque 79,000 ft lbs continuous at 250 rpm.
Cantilever / Drill Floor	50 ft aft of Transom (60 ft with Extension beams) / 12 ft transverse to port or starboard.
Travelling Block	LEWCO, LBLK-1000,1000 Ton.
Crown Block	Woolslayer / 12526 rated Capacity 2,000,000 lbs.
Drawworks	Lewco 3000, Driven by (2) 1,500 hp AC Motors with 1-3/4 - inch Drill Line.
Auxiliary Brake	NOV Baylor 15050 W.
Rotary Table	National D495, 49-1/2", Capacity 1,250 tons, Driven by (1) OEM 400 hp AC Motor.
Cementing Eqpt.	Dowell / Schlumberger CPS-472, W/CBS 393-6 & 19 bbls recirculation & CMP 351, working pressure 15,000 psi with 2 triplex pumps.
Torque Wrench	NOV TW61 Torque wrench, size 3-1/2" to 8-1/2".

Mud System

Mud Pumps	(3) LEWCO-3000, Triplex 3000 hp driven by (2) OEM AC electric motors, rated 1500 hp.
HP Mud System	Rated for 7,500 psi.
Mud Pits	4280 bbls total- (6) Mud Pits (2) Slug Pits (1) Reserve Mud Tank.
Mud Mixing Pumps	(2) Halco 2500 Supreme, 125 hp, 2400 rpm per pump.
Desanders & Desilters	(1) Derrick / 2SG48-120F-4A-55 w/3 - 10" poly cones 1,200 gpm. (1) Derrick / 2M48-120F-4A-55 w/20 - 4" poly cones 1,200 gpm.
Degasser	(1) Derrick VAC-FLO-1200 at 1200 gpm.
Mud Processing Pumps	(5) Halco 2500 Supreme, 125 hp.
Shale Shakers	(4) Derrick Model FLC-504, 750 gpm each.

Storage Capacities

Fuel Oil	5,505 bbls.
Liquid Mud	4,280 bbls.
Base Oil	726 bbls.
Drill Water	7,191 bbls (incl. combo tanks).
Potable Water	1,582 bbls.
Bulk Material	(Barite/Bentonite + Cement) 11,882 cu.ft.
Sack Storage	475 sq. ft.
Maximum Drilling Payload	7,766,270 lbs
Sand Trap	.575 bbls.
Pipe Storage (Main)	2,400 sq. ft. x 7ft. high.
Pipe Storage (Cantilever)	2,352 sq. ft. x 7ft. high.

BOP & Well Control

BOP	(1) 18-3/4" 10K Annular (1) 18-3/4" 15K (2ea Double Cameron Type "TL") (1) 26-3/4" 3K & 30" 1K Annular
BOP Handling	(2) EMCE, Pneumatic Chain Hoist 125 Ton each hoist.
Divert	GE Vetco Gray, Model KFDJ 500 psi.
Control Unit	Cameron, 3K psi BOP Control Unit (80) 15 gal. bottles with reservoir tank capacity 600 gal.
Choke Manifold	4-1/16" 15K Upstream to 4-1/16" 10K Downstream.

Power & Machinery

Main Power	(5) Caterpillar 3516BHD V16, diesel engines rated 2,150 hp (5) Kato 6P6-3000 Generator rated at 1,540kw.
Emergency Power	(1) Caterpillar 3516BHD V16 diesel engines rated 2,150 hp (1) Kato 6P6-3000 Generator rated at 1,540kw.

Cranes

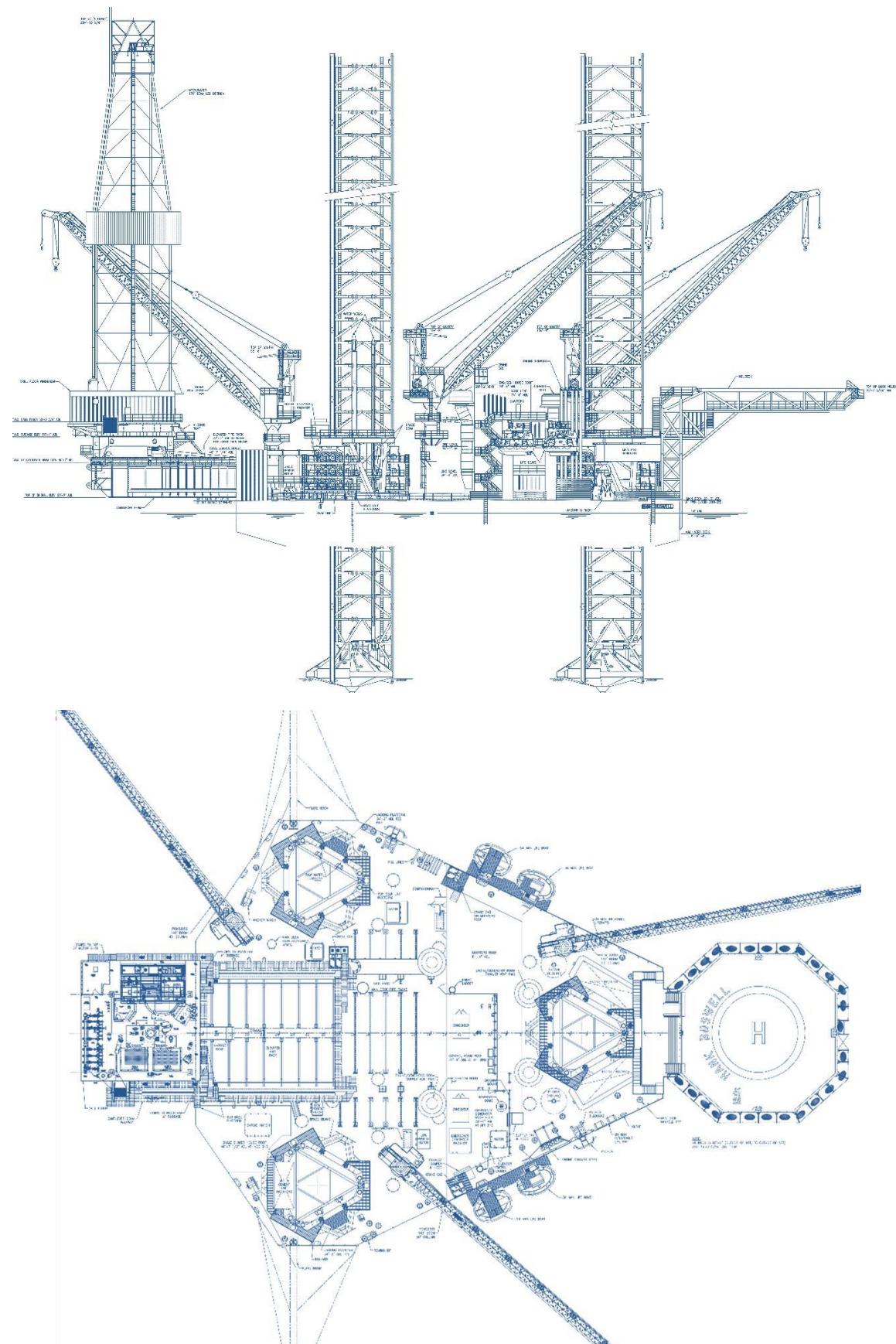
Deck Cranes	(3) Letourneau PCM 220VS Pedestal Crane, SWL 50 tons.
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Special Features & Other Information

Helideck	D 22.2 M, SWL 12.8 tons.
Jacking Capacity	6 pinions per chord, 3 x chords per leg, 1000 kips per pinion for holding capacity and 440 kips per pinion for jacking capacity.

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SAR 201

Design: BMC-200-IC Class Jack-Up
Built: Promet, Singapore
Year Built / Last Upgrade: 1982 / 2017



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Saudi Arabia
Overall Dimensions (Hull)	174 ft. long x 162.5 ft. wide x 18 ft. deep.
Legs	3 x 300 ft. long, triangle.
Longitudinal Leg Centers	120 ft.
Transverse Leg Centers	110 ft.
Drafts	12 ft. load line draft.
Accommodation	106 persons.
Displacement	14,036.00 kips operating.
Variable Deck Load	2,578 kips operating / 2,640 kips transit.
Transit Speed	average 3 knots (min.300 kips combined bollard pull).
Operating Water Depth	200 ft.
Maximum Drilling Depth	20,000 ft.

Drilling Equipment

Derrick	Pyramid 30 ft. x 30 ft. Base. 160 ft.
Hookload Capacity	1,000,000 lbs. on 12 Lines static hook load capacity.
Top Drive	NOV PS 500, 1135 hp.
Cantilever / Drill Floor	40 ft aft of Transom / 10 ft transverse to port or starboard.
Travelling Block	BENTEC 500-ton, Model No: TB-500-6-52
Crown Block	NOV 500 ton.
Drawworks	Continental Emsco C2, (2) GE752 2,000 hp AC Motors with 1.375-inch Drill Line.
Auxiliary Brake	EL MAGO Model: 7040
Rotary Table	Emsco T -3750, 37-1/2-inch, Capacity 500 Ton.
Cementing Eqpt.	Halliburton cementing unit. Pressure rating 5K
Torque Wrench	Varco TW61

Mud System

Mud Pumps	(2) Continental Emsco FB1600 Triplex.
HP Mud System	Rated for 5,500 psi.
Mud Pits	1,900 bbls total, (4) mud pits + (1) slugging tank.
Desanders & Desilters	Derrick FLC 513/514 10" X 3" Cones Cap 500 gpm Derrick FLC 513 (20) 4" Cones @ 80 gpm.
Degasser	(1) M-I SWACO CD-1400, 500gpm.
Shale Shakers	(3) Derrick FLC 513,

Storage Capacities

Fuel Oil	2,631 bbls.
Liquid Mud	1,536 bbls (Incl. slug pit).
Drill Water	5,265 bbls (Incl. combo tanks).
Potable Water	1,230 bbls.
Bulk Material	(Barite/Bentonite + cement) 8,100 cu.ft.
Maximum Variable load	2,500,000 lbs.
Sack Storage	1,713 sq ft.
Pipe Storage (Main)	1,272 sq. ft x 7 ft. high.
Pipe Storage (Cantilever)	2,100 sq. ft x 7 ft. high.

BOP & Well Control

BOP	(1) 13-5/8" 5K (1 single + 1 Double) 13-5/8" 5K Shaffer
BOP Handling	(2) Ingersoll-Rand hercu-link BHS50MA6-40-40P, 25 t.
Diverter	N/A
Control Unit	3K psi CAD unit (40) 11 gal bottles.
Choke Manifold	3-1/8" 5K Upstream X Downstream

Power & Machinery

Main Power	(4) Caterpillar 3152B diesel engines rated at 1,200 hp. (4) Kato Generator rated at 1050 kW.
Emergency Power	(1) Caterpillar 3512B diesel engines rated at 1,102 hp. (1) Kato Generator rated at 1,050 kW.

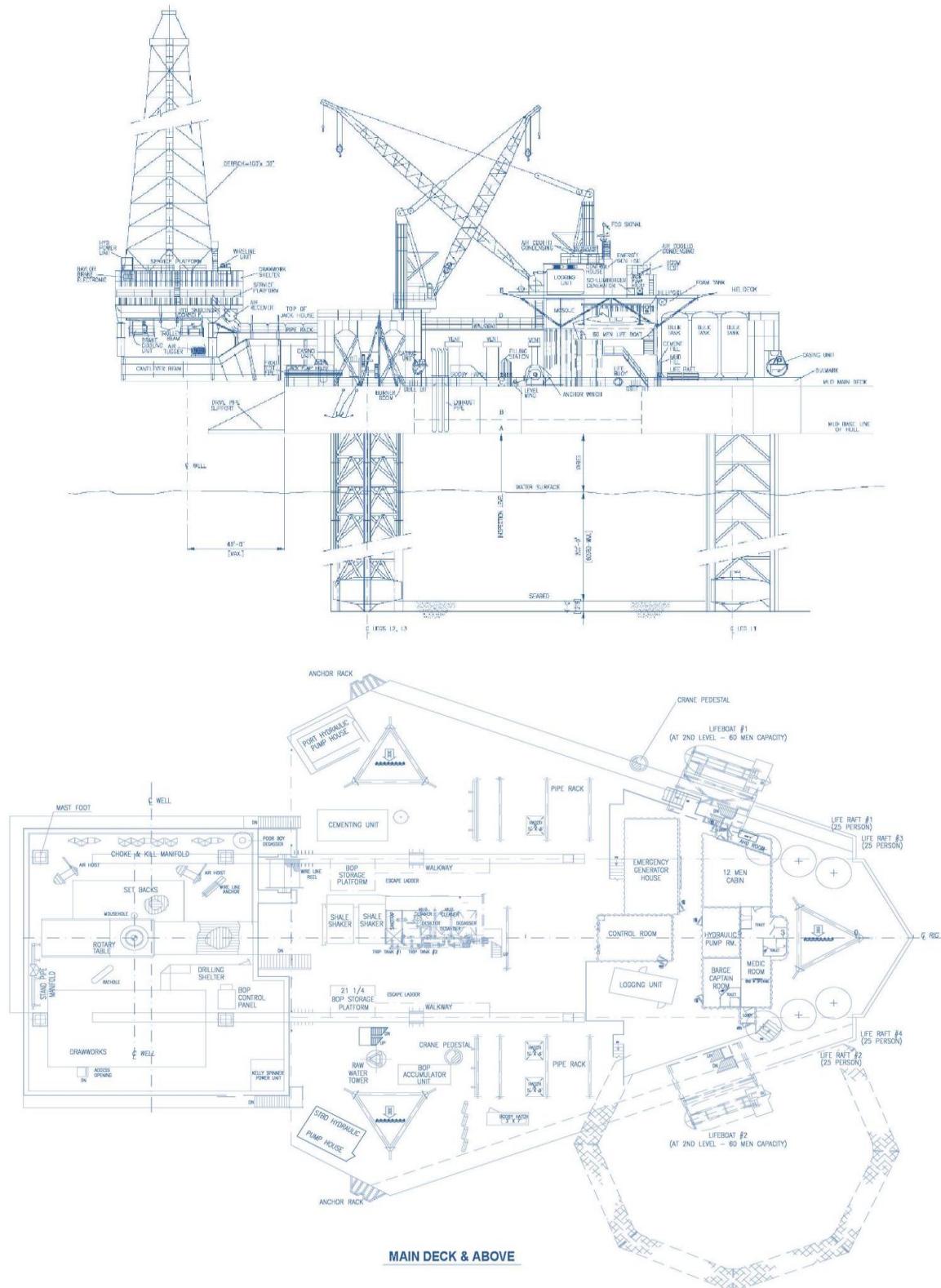
Cranes

Deck Cranes	(1) NOV Pedestal Crane. SWL 30 ton. (1) SEATRAX Pedestal Crane, 60 ton.
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Special Features & Other Information

Helideck	D 17 M, SWL 6.8 tons.
Jacking	6 pinions per chord, 3 x chords per leg, 972 kips per pinion for holding capacity and 600 kips per pinion for jacking capacity.





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SAR 202

Design: Keppel FELS Super B Class Enhanced Jackup

Built: Keppel FELS Ltd Singapore

Year Built / Last Upgrade: 2012 / 2016



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Island.
Overall Dimensions (Hull)	246 ft. long x 218 ft. wide x 25 ft. deep.
Legs	3 x 402 ft. long, triangle.
Longitudinal Leg Centers	129 ft.
Transverse Leg Centers	142 ft.
Drafts	16 ft. load line draft.
Accommodation	114 persons.
Displacement	34,371.24 kips operating.
Variable Deck Load	9,700 kips operating / 5,000 kips. transit.
Transit Speed	Historical Average 4 knots .
Operating Water Depth	220 ft.
Maximum Drilling Depth	30,000 ft.

Drilling Equipment

Derrick	NOV 170 ft., Base 40 ft. x 40 ft.
Hook load Capacity	2,000,000 lbs. on 16 Lines static hook load capacity.
Top Drive	NOV TDX-1000, Maximum torque 91,000 ft lbs, continuous at 116 rpm.
Cantilever / Drill Floor	70 ft aft of Transom / 15 ft transverse to port or starboard.
Travelling Block	NOV model 872TB-1000-8C, Capacity 1,000 tons.
Crown Block	NOV model 872TB, Capacity 1,000 tons.
Drawworks	NOV Model ADS-10Q, Driven by (4) 1,150 hp AC Motors with 1-3/4" inch Drill Line.
Auxiliary Brake	N/A
Rotary Table	NOV Model D495, 49-1/2", Capacity 1,000 tons.
Cementing Eqpt.	Halliburton cementing unit with 15,000 lbs working pressure.
Torque Wrench	NOV ST-160-C Iron Roughneck, size 3-1/2" to 10", (2) NOV SSW40 spinners.

Mud System

Mud Pumps	(3) NOV 14-P-220, Triplex, Driven by (2) GEB22 1150 HP AC Drilling motors.
HP Mud System	Rated for 7,500 psi.
Mud Pits	5160 bbls total, (9) Mud Pits (2) Slug Pits.
Desanders & Desilters	(2) Derrick Hydro cyclone Desander with (3) cones (2) Derrick Hydro cyclone Desilter 20x4" cones.
Degasser	(1) Miswaco CD-1400 Vacuum type.
Shale Shakers	(5) Derrick Hyper pool shakers

Storage Capacities

Fuel Oil	3,033 bbls.
Liquid Mud	5,128 bbls
Drill Water	22,283 bbls (Incl. combo tanks).
Potable Water	2,053 bbls.
Bulk Material	(Barite/Bentonite & Cement) 15,050 cu.ft.
Sack Storage	2140 sq ft/5000 sack.
Pipe Storage (Main)	2,057 sq. ft x 6 ft. high.
Pipe Storage (Cantilever)	2,337 sq. ft x 6 ft. high.

BOP & Well Control

BOP	(1) 13-5/8" 10K (2 Cameron U Type Double) with 13 5/8" 10k Hydril GX Annual & 30" 1K NOV Annual
BOP Handling	(2) Ingersoll Rand BHS200R/E10372, 100 tons each hoist.
Divertor	Vetco Grey Model KFDJ 500 psi.
Control Unit	Cameron 5k psi BOP Control Unit 88 bottles 15 gal. capacity with reservoir tank capacity 1,900 gal
Choke Manifold	4-1/16" 10K Upstream to 4-1/16" 5K Downstream.

Power & Machinery

Main Power	(6) Caterpillar 3516CHD diesel engines rated 2,180 hp 1603kw. (6) KATO Generator rated 1,720 kw.
Emergency Power	(1) Cat 3516 CHD diesel engines rated 2,180 hp 1603kw (1) KATO Generator rated 1,720 kw.

Cranes

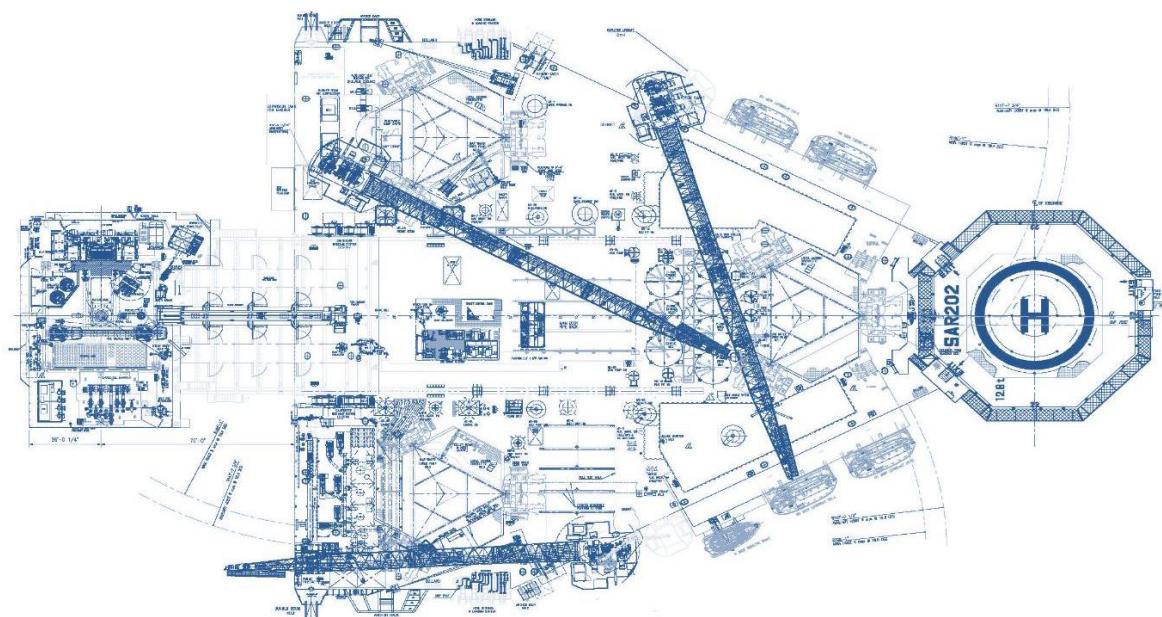
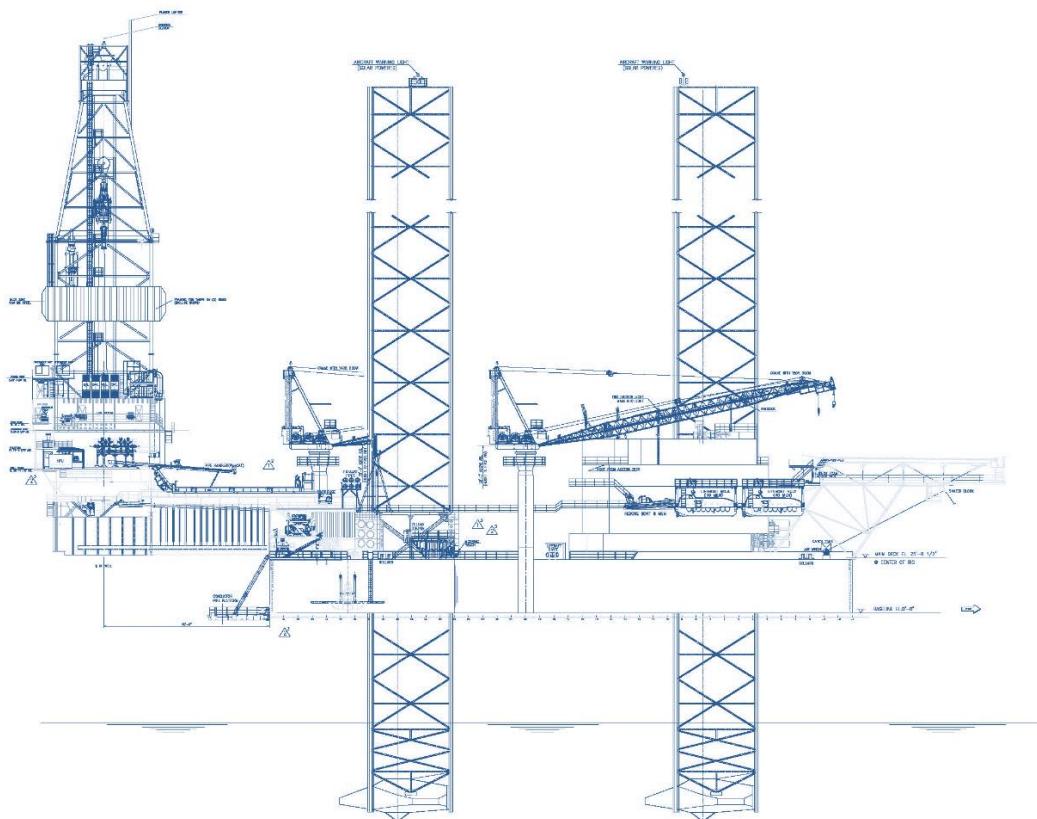
Deck Cranes	(2) FAVELLE FAVCO, Offshore Pedestal Crane 7.5/10K Electric, 140 ft boom length . (1) FAVELLE FAVCO, Offshore Pedestal Crane 7.5/10K Electric, 120 ft boom length.
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Special Features & Other Information

Helideck	D 22.2 M, SWL 12.8 tons.
Jacking	6 pinions per chord, 3 x chords per leg, 1,300 kips per pinion for holding capacity and 1000 kips per pinion for jacking capacity.

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