

HAI YANG SHI YOU 921



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**General Description**

Design/Generation	Friede&Goodman,/L-780 MOD II
Constructing Shipyard	Qingdao Shipyard, COOEC
Deliver Year/Upgrades	2010
Classification	ABS&CCS
Flag	China
Overall Dimensions	187.68ft x 175ft W x 25ft D
Legs	3 X 308.39ft. long; Triangular
Usable leg below hull	259.183ft
Spudcan diameter	50ft
Draft at loadline (deepest)	14.248ft
Displacement at loadline	9314mt
Drilling VL	2230mt
Cantilever Envelope(Reach aft, from/to)	0/40ft
Cantilever Envelope(Transverse, port, stbd)	12/12f
Operating Water Depth	200ft
Max. Rating Drilling Depth	19685ft
Accommodation	120 beds

Drilling Equipment

Derrick	BAOJI HJJ450/47-T7, 992080.18 lbs static hook load
Simultaneous setback + hookload capacity	4500KN
Drawworks	Baoji JC-70D drawworks / 2000HP
Top Drive	Heilongjiang Jinghong /DQ70BSQII-JH/ 1,200HP / 5,000psi
Rotary Table	Baoji ZP-375 Max. Opening 37-1/2"
Pipe Handling	N/A
Mud Pumps	3 x Baoji F-1600/ 1600HP / 5,000psi
Solid Control	4* NOV /KING COBRA HYBRID shale shakers 950gpm
Drilling Manifold	ChengDe KingDream 3-1/8" 10K Choke Baoji Tonghua 4" Standpipe Manifold Baoji 2" 10k cement Manifold

Power Plant

Main Power	4 x Henan Diesel /TBD620V16/ 2223.37HP Diesel Engines
Emergency Power	1 X Henan Diesel/TBD620V8 diesel engine rated 1072.8hp, 1,500 rpm

STORAGE CAPACITIES

Fuel Oil	2522 bbls
Active Liquid Mud	1874bbls
Independent Brine	497 bbls
Independent Base Oil	N/A
Drill Water	5532 bbls
Potable Water	1855 bbls
Bentonite/barite	4873.42 ft3
Cement	4873.42 ft3
Sack Storage	3,400 sacks

BOP Equipment

Diverter	N/A
BOP annular	1 x 5k 13-5/8
BOP rams	2x10k Double 13-5/8",
BOP handling	J.D.Neuhaus/EH30 2x30T safety working load

Cranes

Port&Stbd	2* YQHG2800-35T-18m (8T-39m); 124.67ft boom length, 35mt Max.load
Knuckle-Boom	N/A

Mooring Equipment

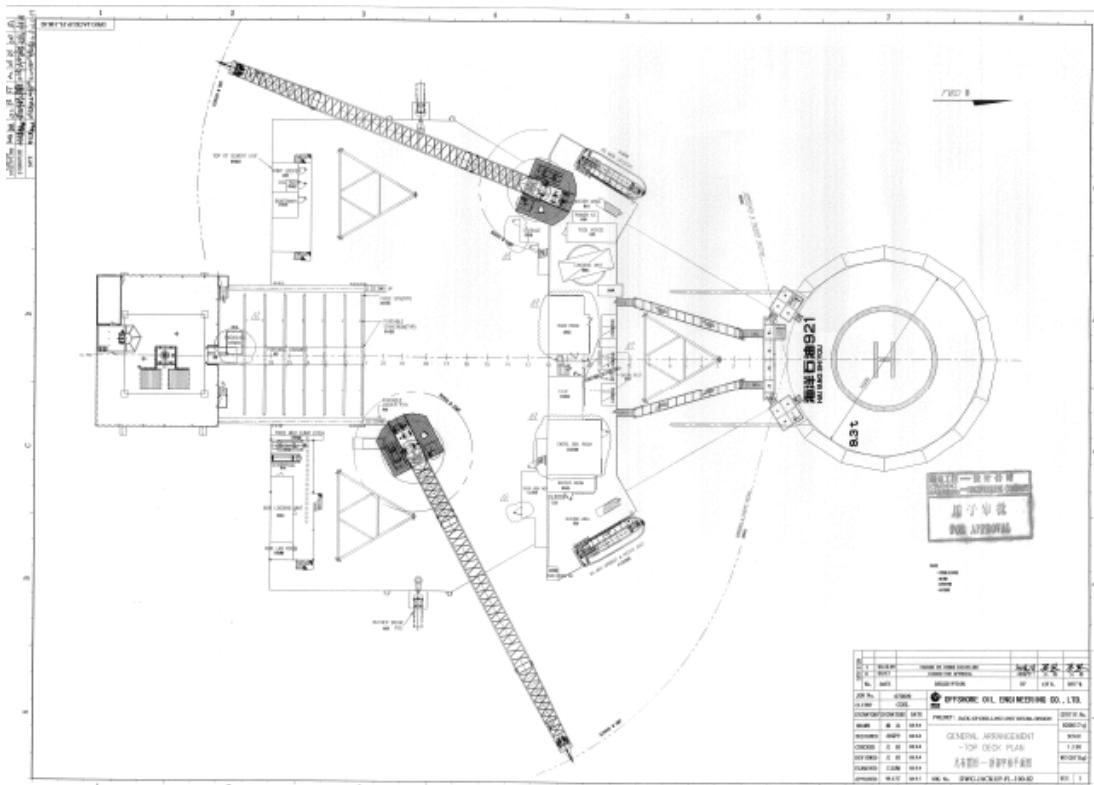
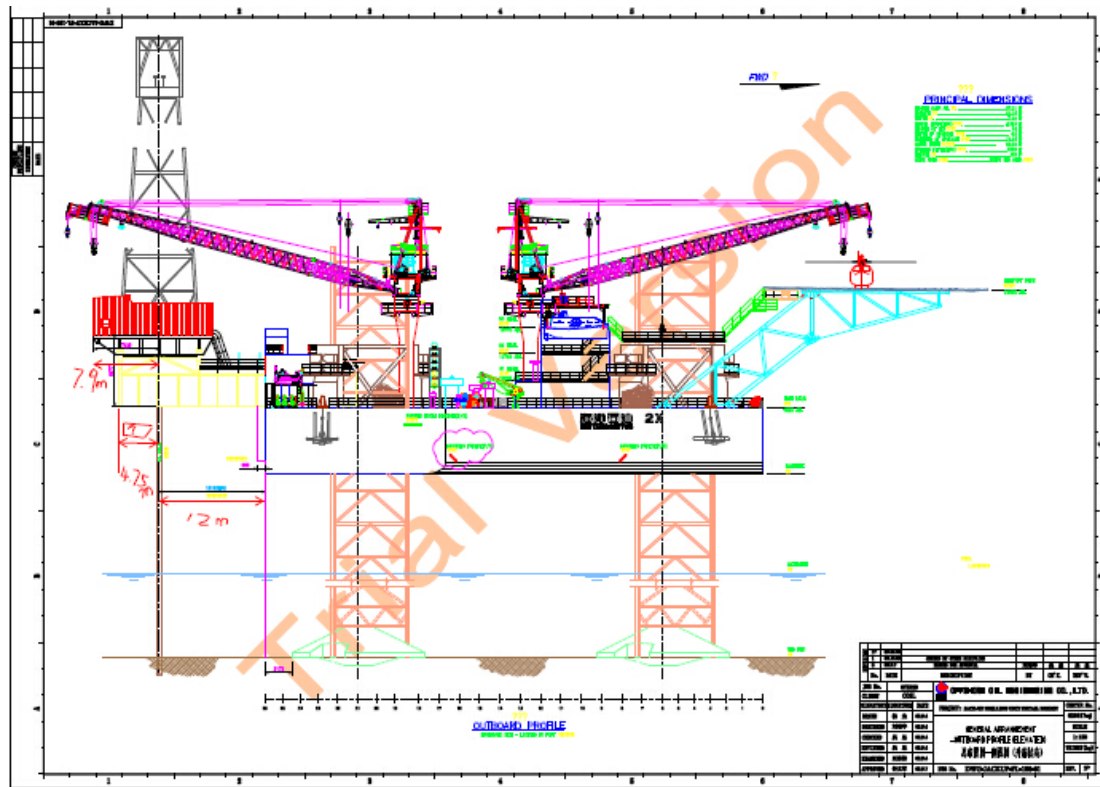
Anchor	Winches	4* MEP Mepsh-MWE-030-090SD,electric,
Anchor Lines		4* MEP 35W×7-38 1-1/2" Diameter 1968 useful length
Anchors		4* CMIC Delta Anchor, 3.8mt/each

OTHER FEATURES

Helideck	Designed for helicopter Sikorski S61 N Helicopter
Tension System	N/A

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