

# Continental Emsco C-1 SCR Rig

## Hoisting and Rotating

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Drawworks	Continental Emsco C-1 Type II powered by 2-GE 752 traction motors
Auxiliary Brake	Elmagco 6032 W
Rotary Table	Continental Emsco T-2750 with a 27-1/2" opening
Traveling Block	Lanzhou YC-450 (500 ton)
Swivel	National LB-400 (400 ton)
Top Drive	Tesco ECI 900 (900 hp, 650 Ton, electric)

## Power Package

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Generators	3-MTU 1105 kW powered by DETROIT-MTU-4000
Control House	Ross Hill 1400 3 - SCR 3 -Gen

## Well Control

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Annular	13 5/8" HECI Spherical 5,000 psi
Double Ram	13 5/8" HECI SL 10,000 psi
Accumulator	Koomey 7 Station 180 gallon capacity
Choke Manifold	4" x 2" 10,000 psi

## Mud System

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Mud Pump 1	Continental Emsco FB-1600 (1,600 hp) powered by 2-GE 752 traction motors
Mud Pump 2	Continental Emsco FB-1600 (1,600 hp) powered by 2-GE 752 traction motors
Mud Pits	3-pit system (970 bbl) with 4 agitators 84 bbl premix pit built into suction
Shale Shakers	3-Derrick FLC-503
Desander	Derrick DSV-10-2 (2 - 12" cones)
Desilter	Derrick S-412-S (12 - 4" cones)
Degasser	National Oilwell Vacuum
Separator	5' x 20'
Trip Tank	110 barrels

## Structural

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Mast	Superior 142' 800,000 pounds static hookload on 12 lines
Substructure	Superior box on box 27' floor height

## Fluid Storage

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Diesel Tank	1-tank 20,700 gallon total capacity
Water Tank	2-tank 800 bbl total capacity

## Tubulars

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Drill Pipe	5" S-135 and G-105
Drill Collars	8" , 6-1/2" , nominal sizes

## Miscellaneous

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Pipe Spinner	OWI 357C
Air Compressor	2-Sullivan 50 DG 50hp
Survey Instrument	Fivestar Surveyor wireline unit

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