

RIG 1 SPECIFICATION SHEET - IDECO DRAWWORKS, MODEL E-1200, 1200-HP

Location: Corpus Christi TX



Drilling Rig Number 1 Specifications

General Information

- **Commissioned:** November 2003
 - **Location:** Corpus Christi, TX - 674 Flato Rd
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Drawworks

- **Manufacturer:** IDECO

- **Model:** E-1200
- **Power:** 1200-HP
- **Motors:** (2) Toshiba 900-HP DC Traction Motors
- **Serial Number:** N/A (Asset DW011)
- **Hours:** 13369

Engines

- **Manufacturer:** Caterpillar
- **Model:** 3512DITA Diesel Engines (x3)
- **Power:** 1321-HP each
- **Features:** Air Start, Skid Mount Enclosures with Generators

Generator Sets

- **Manufacturer:** KATO, WEG
- **Model:** 1050-680361111
- **Capacity:** 1050-KW each (x3)
- **Features:** Unitized with Engines, Includes VFD/SCR Skid

SCR House

- **Configuration:** 3x4

Mast

- **Manufacturer:** IRI
- **Type:** 127' Telescoping Mast
- **Serial Number:** D5501271282
- **Capacity:** 550,000-LB Hook Load
- **Features:** Accommodates 275-Ton Top Drive, Hydraulic Lift Cylinders, Geronimo Line, Mast Dolly

Substructure

- **Manufacturer:** IRI
- **Type:** 22' Hydraulically Telescoping Substructure
- **Capacity:** 550,000-LB Rotary Load, 300,000-LB Simultaneous Setback

- **Features:** Integrated Drainage System for Fluid Containment, (2) Braden Floor Winches
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Rotary

- **Manufacturer:** IDECO
 - **Model:** 27-1/2" Rotary
 - **Drive:** Independently driven by (1) 800-HP DC Traction Motor
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Blowout Preventer (BOP)

- **Configuration:**
 - (1) 11" 10M Shaffer Type Double Ram BOP
 - (1) 11" 10M Shaffer Type Single Ram BOP
 - (1) 11" 5M Shaffer Type Annular
 - (1) KPM Koomey 6 Station Accumulator, Model T15160-3, S/N 2430, API 16E
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Mud Pumps

- **Manufacturer:** BOMCO
 - **Model:** F-1600 Triplex Mud Pumps
 - **Pressure Rating:** 5000 PSI
 - **Motors:** EMD DC Traction Motors rated at 1600-HP
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Mud System

- **Total Active Capacity:** 848 Barrels
 - **Components:**
 - (2) Covered 424-Barrel Tanks with Round Bottoms and Electric Agitators, each containing (2) 5x6x75-HP Centrifugal Pumps, Remote Hopper Skid
 - (1) Mud Processing Skid, Hydraulically Raised, with (3) Brandt King Cobra Shakers, Brandt DG-10 Degasser, Brandt 16 Cone Desilter
 - (1) Trip Tank Skid, 106-Barrel Capacity, with 2x3x25-HP Centrifugal Pump
 - Suction Tank, 424-Barrel Capacity, (2) 6x5x14 Centrifugal Pumps, includes 100-Barrel Slug Tank
 - Intermediate Tank, 424-Barrel Total Capacity, 3 Separate Tanks at 141-Barrels each, (2) 6x5x14 Centrifugal Pumps
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Top Drive

- **Manufacturer:** Canrig
- **Capacity:** 275-Ton AC
- **Serial Number:** 790
- **Features:** "ROCKIT" Capability
- **Hours:** 21033

Overhead String

- **Configuration:** 300-Ton Five Sheave Block with a 10 Line String Up

Driller Controls

- **Type:** Drillers Cabin Skid
- **Features:** Varco Electronic Driller and Block Control System, Block Speed Controls, Joystick Controlled Drawworks Speed, Touch Screen and Manual Control of EDRILL and SCR

Auxiliary Equipment

- **Automatic Catwalk:** Forum, Wrangler 3500, S/N 355P0108187AC89, 22.5ft Floor
- **Wireline Unit:** Five Star Rig with 25,000' of .092 Wireline
- **Motorized Drill Line Spool**
- **Quarters:** Toolpusher and Crew Quarters, Skidded, Furnished, Satellite System
- **Meeting and Change House Combo Skid**
- **Hydraulic Power Unit Skid with Centrifugal Pumps and Reservoir**
- **Pipe and Kelly Spinner:** Hydraulic (Hawk, Spinmaster, Model 550)
- **Fuel Tank:** 12,000-Gallons, Double Wall, Skidded with Pump
- ****Water Tank Skid with Centrifugal Pumps**