



ATLAS DRILLING RIG # 5

DRAWWORKS

1,300 HP Bridges B-1300 with 1 ¼" Drilling Line

POWER

Two (2) Caterpillar C-18 Diesel Engines (1260 HP)

HYDRAULIC TOP DRIVE

TESCO 500 Ton HCI (1200 HP) Powered by Caterpillar C-32 Diesel Engine
52,800 ft-lb Max Drill Torque, 52,800 ft-lb Makeup, 59,400 ft-lb Breakout

MAST AND SUBSTRUCTURE

SWS 142' Triple Derrick 660,000 # SHL Capacity
Racking Capacity 24,000' with 4" Drill Pipe or 18,000' with 5" Drill Pipe
Pyramid Box on Box Substructure 20' Floor Height, 20' KB
Rotary Capacity: 660,000 lbs and Setback Capacity: 500,000 lbs

MUD PUMPS

Three (3) Bomco 1600 HP Triplex Mud Pumps with 7,500 PSI Circulating System
Powered by Caterpillar 3512C Diesel Engines

ROTATING AND TRAVELING EQUIPMENT

Continental EMSCO 20 ½ " Rotary Table
McKissick 350 Ton Block with Conversion Adapter Attached

B.O.P. EQUIPMENT

Shaffer LWS Type 11" 5,000 PSI Annular (13 5/8" optional)
Shaffer LWS Type 11" 5,000 PSI Double Ram (13 5/8" optional)
Choke Manifold 4" x 2" 5,000 PSI
Koomey, 5 Station, 160 Gallon, Closing Unit
Mud-Gas Separator

GENERATORS

(2) Detroit Series 60 Diesel Engines with Marathon 380 KW Generators
Mounted in Utility House w/ (2) Sullivan Pallatek Air Compressor and Controls

MUD SYSTEM

(2) Pit Mud System 800 Barrels
(1) Extra Volume Tank 285 Barrels with Hopper, 75 HP pump, and agitator jets (optional)
(2) Derrick Flowline Cleaner 504 Shale Shaker
(1) NOV (2) Cone Desander
(1) NOV (12) Cone Desilter

DRILL COLLARS

6 ½ Drill Collars with 4 ½ XH Connections
8" Drill Collars with 6 5/8 Regular Connections