

# DRILLING RIG INVENTORY

**Rig Number:** 920  
Make & Model: Hyduke 440,000 SHL  
Year Manufactured: 2011 Type: SHL Telescoping Double  
Maximum Depth Rating with 4-1/2" 16.6 ppf Drill pipe: 14,000  
Rotary Drive: Type and Size, Speed Range (rpm): SJ20.5 0-150RPM  
Approximate number of loads to move rig: 19

**Drawworks:**  
Main Drum:  
Hydromatic Brake: Eaton 230 Water Cooled Cable Size: 1-1/8" Number of Clutches: 2  
Make & Model: TSM -850  
Sand Drum: N/A Cable Size: N/A Cable Length: N/A  
Engines: Make & Model: 2- C-18 Caterpillar Diesel Engines w/ 6610 Allison Transmission 850hp

**Derrick:**  
Manufacturer: Hyduke Height: 106 Weight Capacity: 440,000  
Maximum Number of Lines: 10 Last Inspection Date: Current

**Top Drive:**  
Manufacturer: TESCO Description: HMI-250  
Capacity: 250 475HP POWER PACKAGE

**Iron Roughneck:**  
Manufacturer: VARCO Model: ST-80C

**Substructure:**  
Height and Capacity: 14' 440,000#. 350,000 SETBACK  
Height above base of substructure to underside of rotary beams: 11'6"  
Windbreak on substructure: X Yes No

**Traveling Blocks:**  
Make & Model: AMERICAN Weight Capacity: 250TON Number of Lines: 10

**Elevators:** Make & Model: 4"

**Catwalk:** Length & Height: 8' WIDE X 50' LONG X 42" TALL HYDRAULIC CATWALK

**Pipe Racks:** Length & Height: \_\_\_\_\_

**Drill Pipe:** Size, Amounts, Connections, Grade: 4" 14.00PPF  
Last inspection date & footage since last inspected: CURRENT

**Drill Collars:** (Minimum quantity required for running manufactures maximum weight on bit for each hole size)  
Size (O.D. x I.D.): 6" X 2-1/4" Number: 20 EACH SIZE  
Last inspection date & footage since last inspected: CURRENT

**Pumps:** Make, Model, Input HP: RSF-1300 QTY.2 1300HP  
Engine Make & Model: CATERPILLAR C-32 1125HP  
Liner Size and Stroke Length: 7 x 12  
Max. Continuous Operating Pressure: 3,000  
Pump Speed (spm): 120

**Steel Mud Pit:**  
Dimensions: 43' x 11'6" x 7' & 31' x 11'6" x 7' Capacity: 1,000 BBLs Number of Compartments: 6  
Shale Shaker Make & Model: Two - Derrick FLC-503 Flo Line Cleaner  
Charge Pump Make & Model: 5x6 Centrifugal

**BOP's:** Make & Model: Townsend Double Hydraulic Size: 11"  
Pressure Rating: 3000 Date of Last Inspection: Current

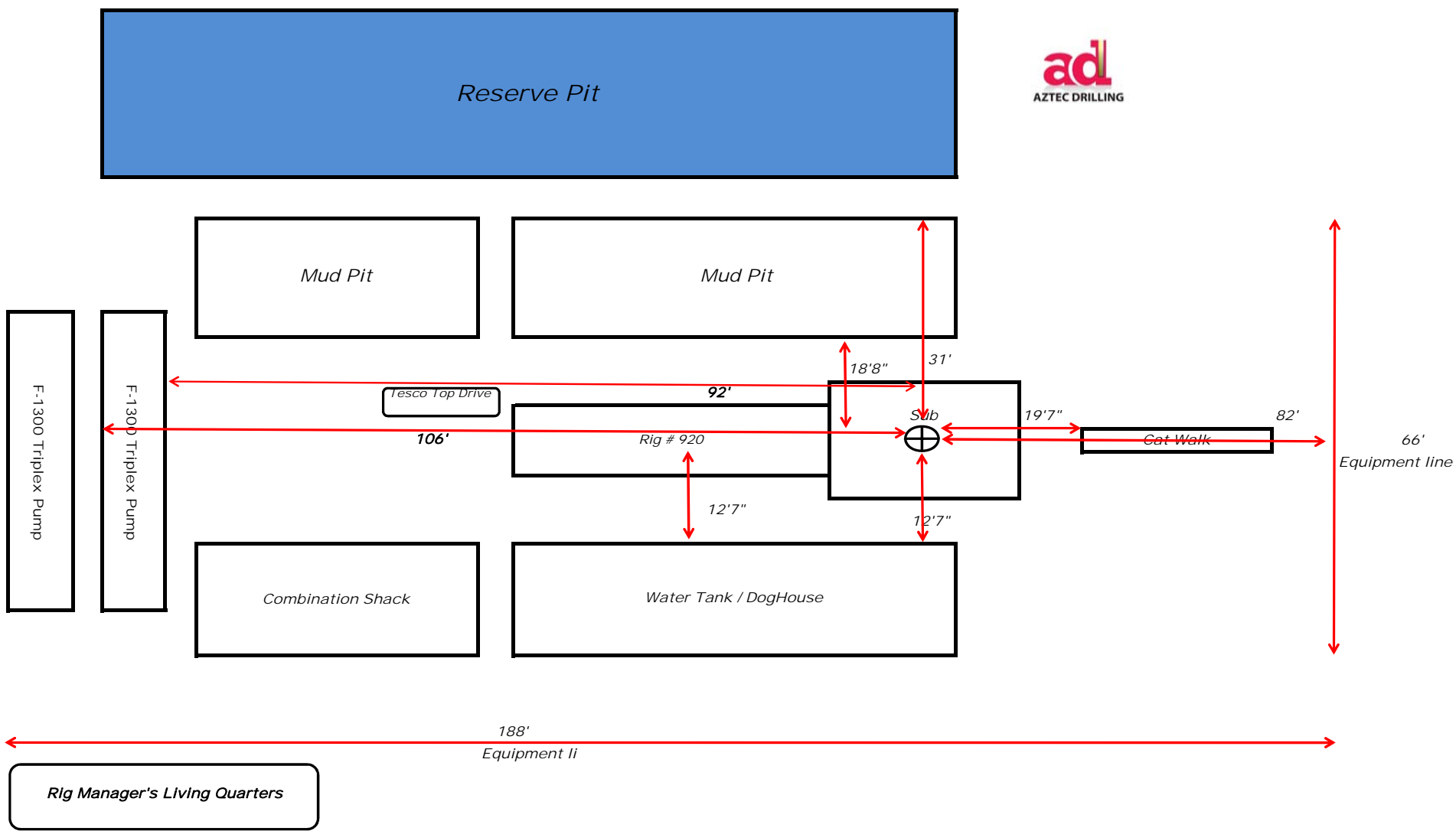
**Rotating Head:** Make & Model: Williams Rotating Head (Dual Outlet)  
Estimated cost for stripping rubber: \_\_\_\_\_

**Accumulator:**  
Make & Model: AB Controls  
Capacity of Hydraulic Fluid: 120 gallons  
Number of Stations: 5 Number of Pressure Bottles: 12  
Hydraulic Pressure Source: Cat Triplex Pump  
Electric Motor: 15hp  
Gas/Diesel Engine: N/A  
Air/Hydraulic Pump: 60:1  
Date of Last Inspection: Current

**Choke Manifold:**  
Valves:  
Make & Model: 3"  
Pressure Rating & Size: 5000#. 3"  
Date of Last Inspection: Current  
Chokes:  
Make & Model: 2" Type: Adj./Pos.  
Pressure Rating & Size: 5,000#  
Date of Last Inspection: Current

**Light Plant:**  
Voltage, Amperage, Watts: 2 - 500KW  
Engine Make & Model: 2- C-18 Caterpillar Diesel Engine

**Drilling Recorder:**  
Make & Model: Pason EDR (electronic drilling recorder)  
Chart Type: 12 Hour X 24 Hour



Rig 920 Foot Print