

DRILLING RIG INVENTORY

Rig Number: 980

Make & Model: LCI-1000
Year Manufactured: 2011, November Type: LCI-1000 Trailer
Maximum Depth Rating with 4-1/2" 16.6 ppf Drill pipe: 14,000
Rotary Drive: Type and Size, Speed Range (rpm): LCI-1000, 0-150 RPM
Approximate number of loads to move rig: 19

Drawworks:

Main Drum:
Hydromatic Brake: 202 Cable Size: 1 1/8" Number of Clutches: 2
Make & Model: Parmac Manufacturing

Sand Drum: N/A Cable Size: N/A Cable Length: N/A

Engines: Make & Model: Qty. 2 (Two) CAT C15 @ 576 HP each

Derrick:

Manufacturer: LCI Height: 118' Weight Capacity: 440,000
Maximum Number of Lines: 10 Last Inspection Date: New, November, 2011

Top Drive:

Manufacturer: Tesco - HMIS 250 Description: Top Drive
Capacity: 250 Ton 475 HP Power Pack w/ Caterpillar engine

Substructure:

Height and Capacity: 14.5 Ft, 440K Rotary, 225K Setback
Height above base of substructure to underside of rotary beams: 11' 6"
Windbreak on substructure: X Yes No

Traveling Blocks:

Make & Model: Century Weight Capacity: 250T Number of Lines: 10

Elevators: Make & Model: AOT American Oil Tool 4 1/2 C943 Model

Catwalk: Length & Height: 45' Long x 42" High x 5' Wide

Pipe Racks: Length & Height: 42" Tall x 28'

Drill Pipe: Size, Amounts, Connections, Grade: 3 1/2 Grade 13.30ppf & 4 1/2 16.60ppf
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.): 4 3/4 or 6 1/2 Number: 20 Each Size
Last inspection date & footage since last inspected: Current

Pumps: Make, Model, Input HP: Two (2) HRS F-1000
Engine Make & Model: Caterpillar Model 3508
Liner Size and Stroke Length: 6 1/2 x 10" Stroke
Max. Continuous Operating Pressure: 3,000 lbs
Pump Speed (spm): 140

Steel Mud Pit:

Dimensions: 5' Tall x 10' Wide x 50' Long Capacity: 450 BBLs Number of Compartments: 5
Shale Shaker Make & Model: (1) Derrick - 503 & 8 Cone Desilter
Charge Pump Make & Model: 6 x 5 Magnum Centrifugal Pumps (Qty.2)

BOP's: Make & Model: Shaffer - LWS - Double Hydraulic Size: 11" Nominal
Pressure Rating: 3,000 Date of Last Inspection: Current

Rotating Head: Make & Model: Williams Rotating
Estimated cost for stripping rubber: \$1350.00

Accumulator:

Make & Model: Burnsco Bison
Capacity of Hydraulic Fluid: 250
Number of Stations: 5 Number of Pressure Bottles: Six
Hydraulic Pressure Source: 650 Triplex Cat Pump
Electric Motor: TEXP H Explosion High Efficiency
Gas/Diesel Engine:
Air/Hydraulic Pump: Air 88550
Date of Last Inspection: Current

Choke Manifold:

Valves:
Make & Model: Cameron
Pressure Rating & Size: 3000 / 3"
Date of Last Inspection: Current

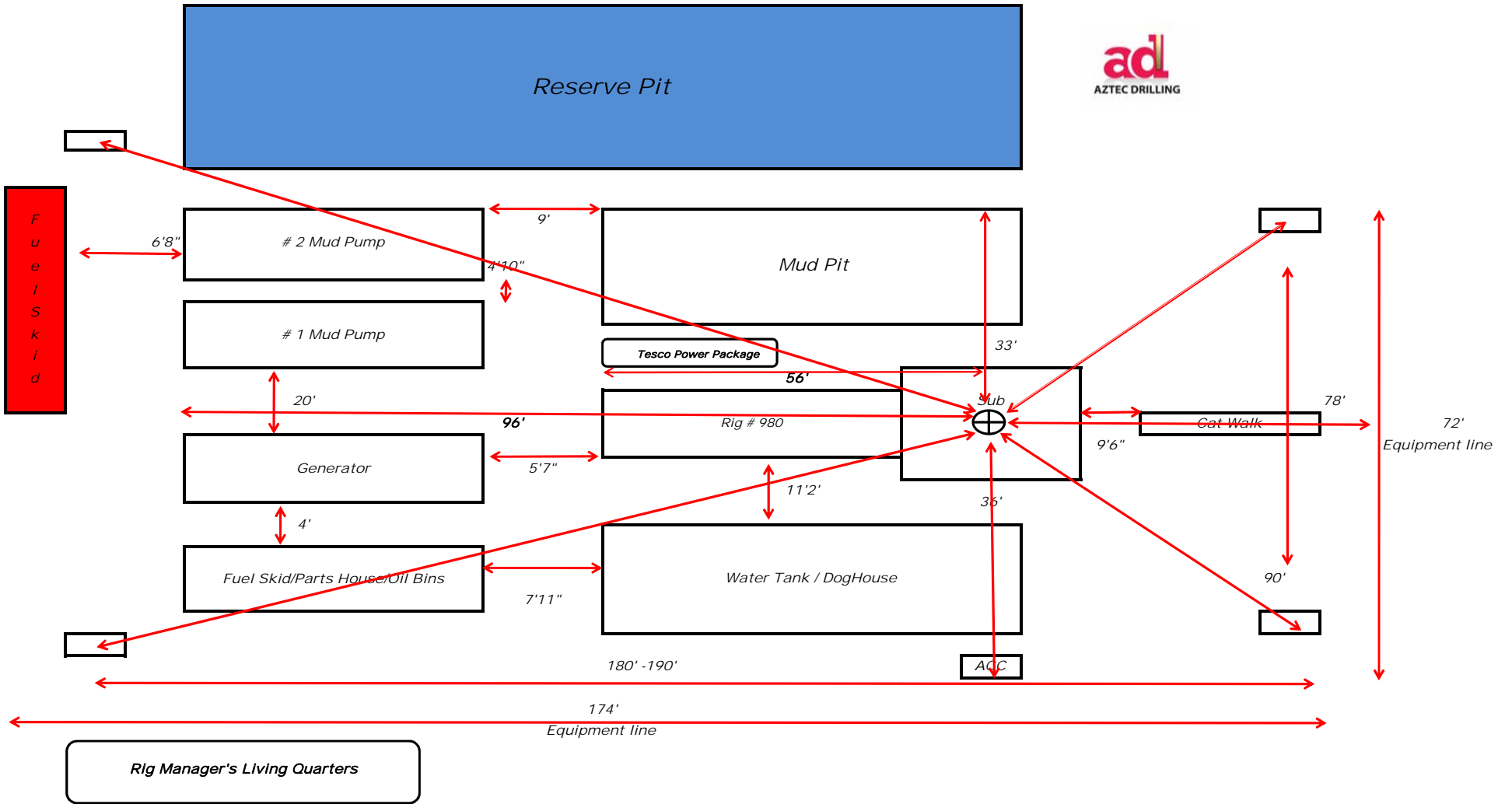
Chokes:
Make & Model: PO8RS Seal Gate Type: Adjustable
Pressure Rating & Size: 5,000 psi size 2 1/16"
Date of Last Inspection: Current

Light Plant:

Voltage, Amperage, Watts: 480 / 240 - 420 KW
Engine Make & Model: Cat C15

Drilling Recorder:

Make & Model: Pason EDR (Electronic Drilling Recorder)
Chart Type: 12 Hour X 24 Hour



Rig 980 Foot Print