

DRILLING RIG INVENTORY

Rig Number: 222
Make & Model: Wilson
Type: Model 75
Maximum Depth Rating with 4-1/2" 16.6 ppf Drill pipe: 10,000FT
Rotary Drive: Type and Size, Speed Range (rpm): Ideco 21 1/2" 150 RPM
Approximate number of loads to move rig: 22

Drawworks:

Main Drum:
Hydromatic Brake: V-80 Cable Size: 1 1/8" Number of Clutches: 2
Make & Model: Wilson ATD-230

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

Engines: Make & Model: 2- 12V71N Detroit Diesel Engines (500hp each)

Derrick:

Manufacturer: Wilson Height: 110' Weight Capacity: 354,000
Maximum Number of Lines: 8 Last Inspection Date: 2006

Top Drive:

Manufacturer: Tesco Description: 250 HMI 475hp
Capacity: 250 Ton 475 horsepower – Hydraulic Power Unit

Substructure:

Height and Capacity: 12' 450,000lbs.
Height above base of substructure to underside of rotary beams: 10'6"
Windbreak on substructure: X Yes No

Traveling Blocks:

Make & Model: Ideco UTB-160 Weight Capacity: 160 Ton Number of Lines: 8

Elevators: Make & Model: BJ 150 Ton

Catwalk: Length & Height: 48' X 42"

Pipe Racks: Length & Height: 42" x 30'

Drill Pipe: Size, Amounts, Connections, Grade: 4 1/2" 16.60# Grade E & 4-1/2XHole Connection
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 1/2 x 2-1/4" Number: 20 EACH SIZE
Last inspection date & footage since last inspected: Current

Pumps: Make, Model, Input HP: #1 Gardner Denver PZ-9 (1000 HP) #2 Gardner Denver PZ-9
Engine Make & Model: 3508 CAT 3508 CAT
Liner Size and Stroke Length: 6-1/2 x 9
Max. Continuous Operating Pressure: 2000
Pump Speed (spm): 120

Steel Mud Pit:

Dimensions: 5' TALL X 10' WIDE X 50' LONG Capacity: 450 BBLs Number of Compartments: 5
Shale Shaker Make & Model: Dual Derrick FLC 503 2
Charge Pump Make & Model: 5X6 Mission Centrifugal Pump

BOP's: Make & Model: Shaffer Type LWS Double Hydraulic Size: 11"
Pressure Rating: 3000# Date of Last Inspection: Current

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

Accumulator:

Make & Model: Koomey Valcon
Capacity of Hydraulic Fluid: 410
Number of Stations: 6 Number of Pressure Bottles: 8
Hydraulic Pressure Source: Gear Pump
Electric Motor: 15 HP
Gas/Diesel Engine: _____
Air/Hydraulic Pump: 60X1 Ratio 8" Koomey
Date of Last Inspection: Current

Choke Manifold:

Valves:
Make & Model: WSI
Pressure Rating & Size: 2-1/16" 5000K
Date of Last Inspection: Current

Chokes:
Make & Model: 2-1/16" 2M Type: Adj. & Positive
Pressure Rating & Size: 2000
Date of Last Inspection: Current

Light Plant:

Voltage, Amperage, Watts: 300KW
Engine Make & Model: Detroit Diesel 12V71N

Drilling Recorder:

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

Mud Pit:

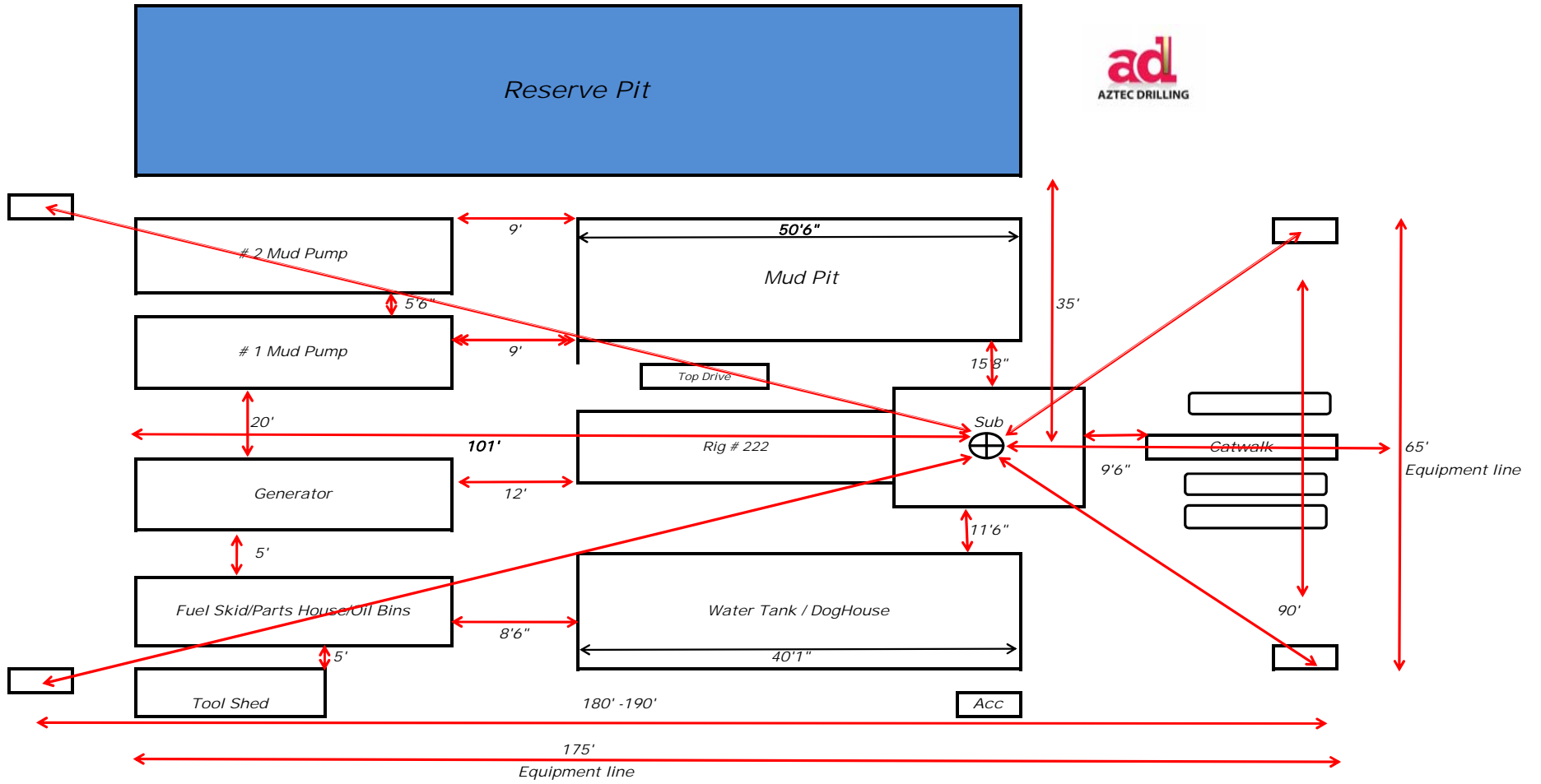
Charge pump Type: Mission Size: 4X5
RPM: 1200 Impeller size: 12"

Hopper Pump Type: Mission Size: 4X5
RPM: 1800 Impeller size: 10 ½"

Other Type: Mission Size: 5X6
RPM: 1800 Impeller size: 10 ½"

Desiliter Type: 8 Cones

Desiliter Pump Type: Mission Size: 5X6
RPM: 1800 Impeller size: 11"



Rig 222 Foot Print