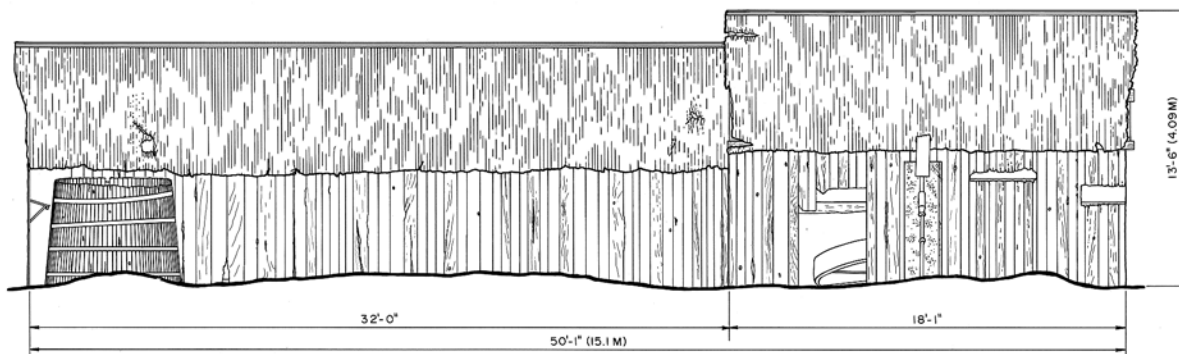
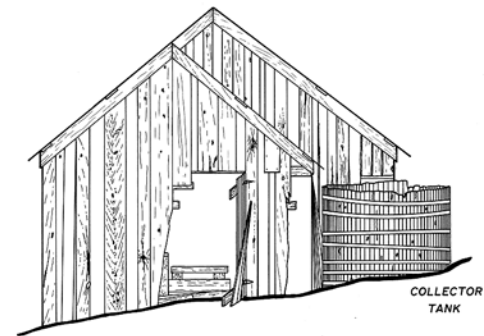


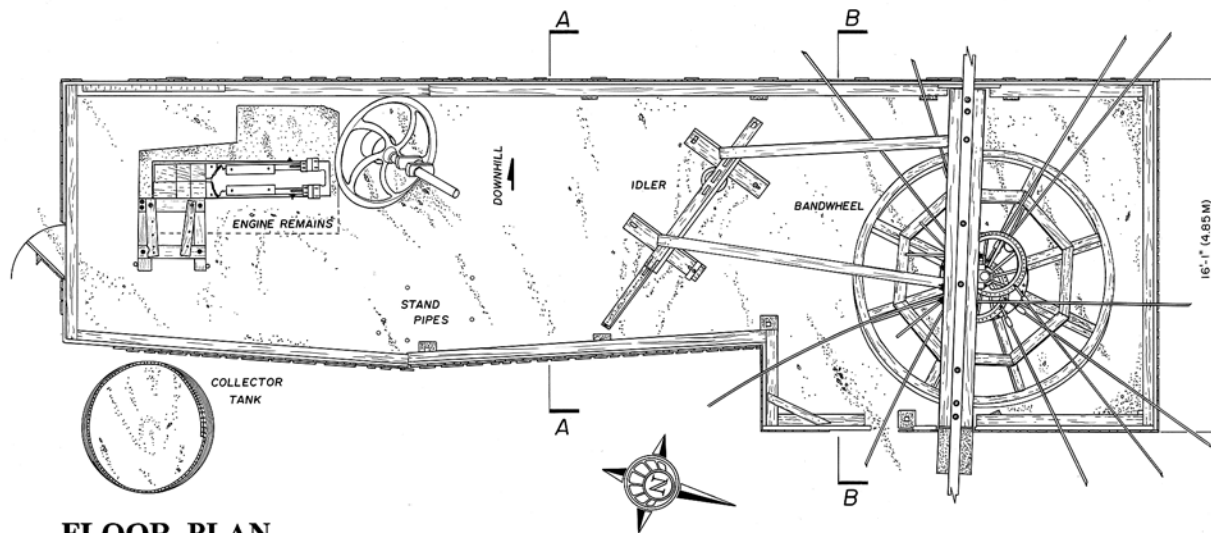
TRIM LINE



EAST ELEVATION

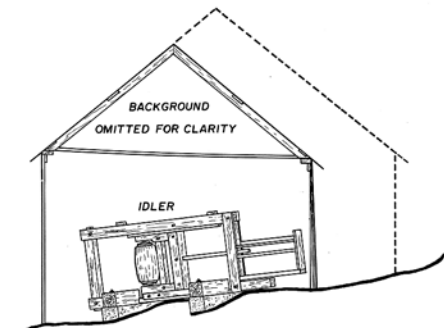


SOUTH ELEVATION

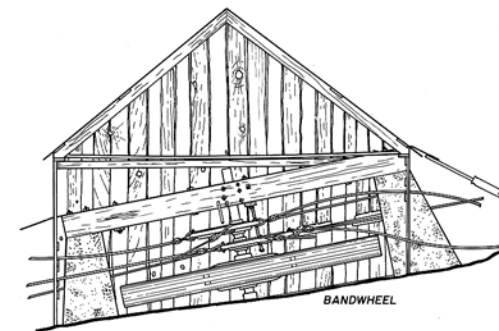


FLOOR PLAN

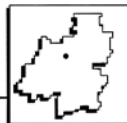
SCALE 3/8"-1'-0"



SECTION A-A



SECTION B-B



# GEER-TIONA POWER

NOTE: Drawings show condition of structure and machinery as of summer of 1997.

DEVELOPED BY: SCOTT W. DALEY, 1997

ALLEGHENY NATIONAL FOREST  
OIL HERITAGE PROJECT  
UNIVERSITY OF PITTSBURGH

WARREN VICINITY

GEER TIONA POWER - 1890  
WARREN COUNTY

PENNSYLVANIA

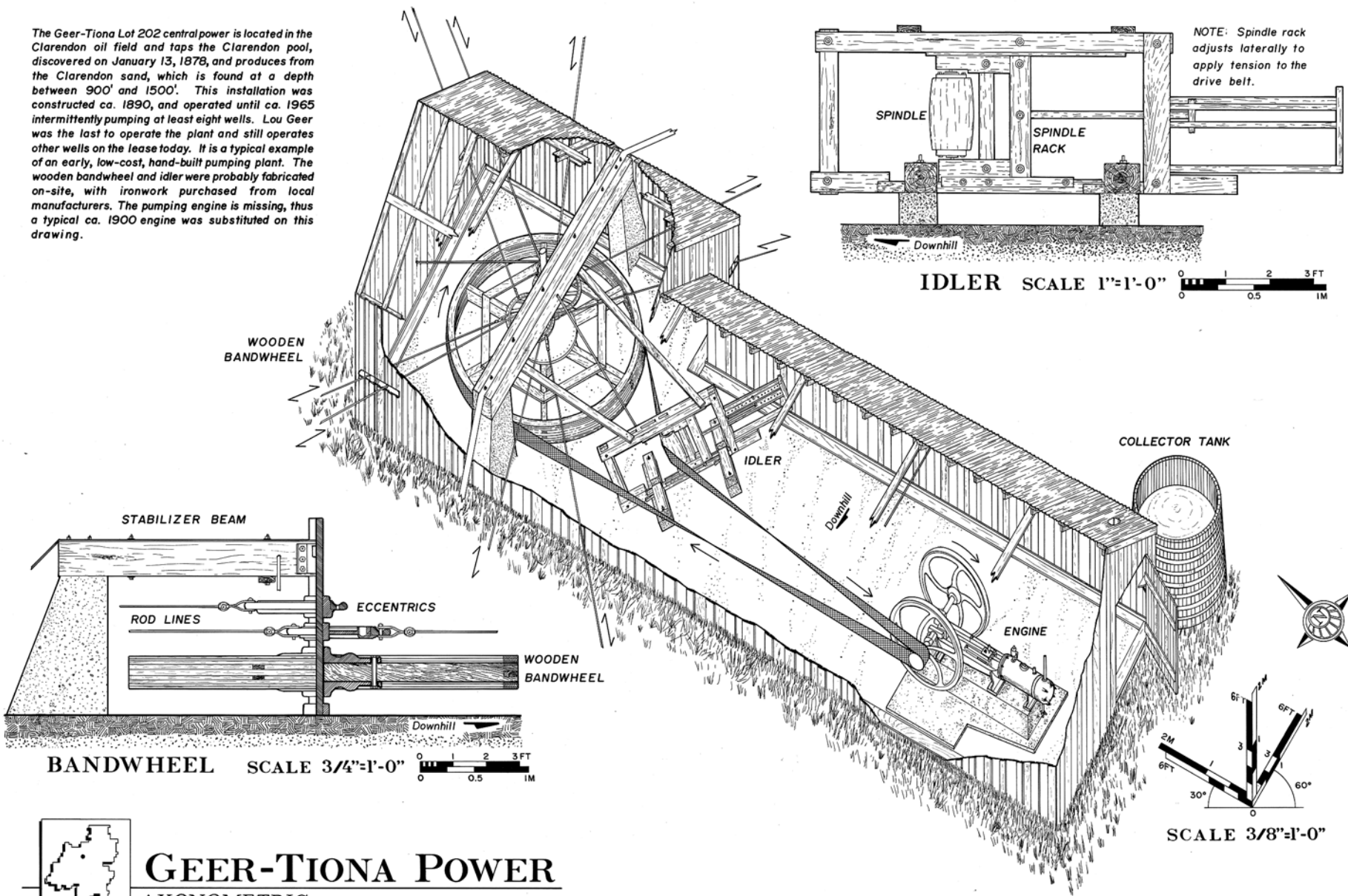
SHEET 1 of 2  
HISTORIC AMERICAN ENGINEERING RECORD  
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TRIM LINE

TRIM LINE

The Geer-Tiona Lot 202 central power is located in the Clarendon oil field and taps the Clarendon pool, discovered on January 13, 1878, and produces from the Clarendon sand, which is found at a depth between 900' and 1500'. This installation was constructed ca. 1890, and operated until ca. 1965 intermittently pumping at least eight wells. Lou Geer was the last to operate the plant and still operates other wells on the lease today. It is a typical example of an early, low-cost, hand-built pumping plant. The wooden bandwheel and idler were probably fabricated on-site, with ironwork purchased from local manufacturers. The pumping engine is missing, thus a typical ca. 1900 engine was substituted on this drawing.



NOTE: Spindle rack adjusts laterally to apply tension to the drive belt.

IDLER SCALE 1"=1'-0" 0 0.5 1 2 3 FT 1M

BANDWHEEL SCALE 3/4"=1'-0" 0 0.5 1 2 3 FT 1M

SCALE 3/8"=1'-0"



# GEER-TIONA POWER

AXONOMETRIC

DESIGNED BY: SCOTT W. DALEY, 1997  
 ALLEGHENY NATIONAL FOREST  
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 UNDER NATIONAL ANTI-CORROSION ACT

GEER TIONA POWER - 1890  
 WARREN COUNTY  
 PENNSYLVANIA

SHEET 2 of 2  
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TRIM LINE