

OPERATING PROCESS

1. Locomotive wheel and axle set (B) to be turned on Locomotive Lathe (see sheet 8) is positioned on removable rails (C). Rail support jacks (D) are removed. Locomotive wheel rods (H) are disengaged.
2. Transverse Pit Jack (E) is rolled into position under wheel and axle set and jacked up so that jack cradle (F) is centered under axle. Wheel and axle set (B) is jacked up off rails (C).
3. Rails (C) are removed. Jack (E) is rolled back to position shown in drawing. Wheel and axle set is hoisted onto shop floor (G) and rolled down to turntable (A).
4. Turning process on Locomotive Lathe commences (see sheet 8).

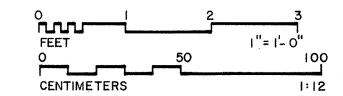
NOTES

- Locomotive wheel and axle set and rail support jack not surveyed. Drawn from photographs.
- Distance between Transverse Pit and turntable shortened.
- Transverse Pit Jack originally used water as a hydraulic fluid and was later converted to use oil.

LEGEND

- (A) — Locomotive Wheel Turntable
- (B) — Wheel and Axle Set
- (C) — Removable Rails
- (D) — Rail Support Jacks
- (E) — Transverse Pit Jack
- (F) — Jack Cradle
- (G) — Shop Floor
- (H) — Locomotive Wheel Rods

TRANSVERSE PIT JACK



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 EAST BROAD TOP RAILROAD & COAL CO., MACHINE SHOP
 PA. STATE ROUTE 994 (MEADOW STREET) WEST OF U.S. ROUTE 522
 HUNTINGDON COUNTY PENNSYLVANIA
 ROCKHILL FURNACE (ORRISONIA)
 HISTORIC AMERICAN ENGINEERING RECORD PA-127-A
 SHEET 6 of 7
 NATIONAL PARK SERVICE
 RECORDING PROJECT
 UNITED STATES DEPARTMENT OF THE INTERIOR
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