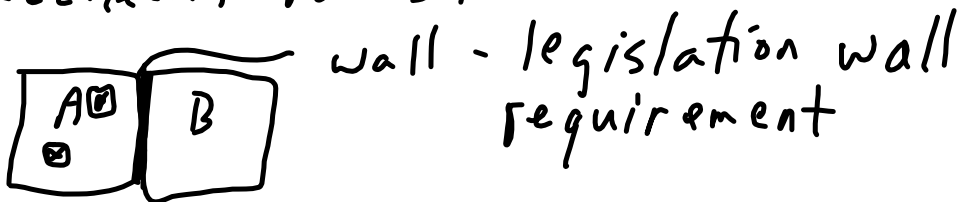


Coal

- mine safety
- piece rates ↓ decline coal market ↓ demand
miners respond reducing spacing
pit props
- safety cost to miners ↑
- accident rates ↑



A → impose risk on B ↓
vice versa if no wall

scrip - WV not PA
 KY IL

- Union role
- cash shortage in central Appalachia
 fewer banks
- so issue own "cash" = scrip
- cash shortage → housing
 - company housing -

Courts -

- establish property right
- who's right prevail.
- establish responsibility for care
- Hand Rule 1926

Statute Law

- state.
- Fed Gov.

Common Law

- Legal precedent
- stare decisis

U.S. v Carroll Towing

Learned Hand.

Cost of damages foreseeable

Cost of taking care to avoid damages

$C_A < P_L \cdot L$ - negligent pay damages

Expected value
of Loss

$$P_L + P_{NL} = 1$$

$$P_{NL} = 1 - P_L \quad L = 0$$

→ Least cost avoider

Appalachia

Rails → loss of livestock
→ fire risk → coal/wood
→ death & injury to folks on
or near tracks

CA → expense reduce profits
so assigning liability: payoff to
one party & loss to other

Rail vs Farmer → livestock
→ fire risk

Rail-right - farmer pays cost of fencing
- reduce acreage

Lewis WV & VA

who prevails in courts

WV → rails - cost on ag. —

VA → ag. — "first in line"
right is senior

farmers → timber
→ coal.

- right impact on
occupation choice

miners vs coal companies

- poor housing

- health

- "mine wars" — PBS

mine operators → convict labor

Banner Mine disaster

1911 - AL 129 deaths

124 - convicts

- risk imposed on "free" labor

1938 → not permitted to assign
labor outside

Coal culture - mining jobs - status ↑

→ company towns

1910		% Company towns
	WV	78%
	KY	66%
	PA	50%
	OH	24%
	IN	8%

mine shut
- local services
shut down

mica - Todd → Hawksnest Tunnel. Robert
 silica - Congress - 476 deaths Hall
 iron, lead, copper - coal not available
 ↳ shot towers - charcoal rail wheels