



LINDSAY BOOSTER EMISSION REDUCTION PROJECT

10/14/2020

HISTORICAL LINDSAY BOOSTER STATION

- ◆ Original compressors were in production for more than 70 years.
 - 11 units began production in the 1940s
 - 3 units began production in the 1980s
- ◆ Reliable yet inefficient
- ◆ Elevated emissions
 - Title V Permit
 - ◇ 755 Tons Per Year (PTE) NO_x





PROJECT OVERVIEW

- ◆ PROJECT PLANNING BEGAN IN 2018
- ◆ PROJECT COMPLETION JUNE 2019
- ◆ COST \$22.7 MILLION
- ◆ RESULTING CO₂E EMISSION REDUCTION 42,000 METRIC TONS ANNUALLY
- ◆ VOLUNTARY EFFORT PROVES ONEOK'S ONGOING EFFORTS TO REDUCE EMISSIONS COMPANYWIDE.

NEW & IMPROVED LINDSAY BOOSTER STATION

- ◆ Upgraded Station
 - General Air Permit (minor source)
 - ◇ 0.6 Tons Per Year (PTE) NO_x
 - 2019s Electric Driven Compressors
 - ◇ (3) 4500 HP High Compression Units



ADDITIONAL BENEFIT: MAYSVILLE GAS PLANT

- ◆ High-pressure compression at the Lindsay Booster Station allowed to bypass compression at the Maysville Gas Plant.
- ◆ Reduced NOx emissions





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THANK YOU

ONEOK Plaza — Oklahoma