

# CASE STUDY: LEWIS ENERGY GROUP



Lewis Energy Group  
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## BACKGROUND FACTS

Annual miles driven: 27,360,000  
Current annual usage of natural gas: 216,000 gasoline gallon equivalents  
Year natural gas introduced in fleet: 2012

## FLEET FACTS

Total vehicles: 87 CNG 597 Gasoline 150 Diesel	Total by vehicle type: 0 sedans 540 light-duty trucks 150 heavy-duty trucks
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Refueling facilities onsite: Completed January 1, 2014  
Type: Fast Fill  
Time to fill: 6 gallons/minute  
Years using natural gas: 6 months

## NATURAL GAS COST SAVINGS

Natural Gas Cost: \$1.50 internal cost calculated @ \$5.00 MCF  
Diesel Cost: \$3.20  
Annual savings to fleet through use of natural gas: Projected savings after station is installed and all light fleet vehicles are converted (4-year plan) will exceed \$10M in first five years.

## ADDITIONAL COMMENTS/QUOTES

**Additional Comments:** Our conversion plan is to do 12 vehicles a month for first four years, to convert our entire light-duty fleet of 540 pickups. Year two plans are to replace heavy trucks with CNG or LNG engines as the technology becomes available for high horsepower applications, along with current plans to supplement fuel for drilling rigs and our fracturing fleets on LNG. We completed our goal of converting two rigs to LNG by the end of the 2nd quarter 2013. We intend to convert three frac fleets by end of the 4th quarter 2014.

Last update 03/28/2014



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