



'AND THEN IT WENT FWHUSSH!—Arthur Harper, 9, right, shows just how well they were doing in first cake-baking effort in neighboring home before oven blew up. Brother Rollo wasn't hurt. But they'll both have to pay homeowner from allowance. Times photo

Boys' Cooking Lesson Goes Over With a Bang

Nobody knew the Harper kids (and then they were coming so they had their own cake)

Oklahoma Owes Repeater Prisoner 20 Days in Jail

OKLAHOMA CITY, July 16

One Smog Cause Traced to Auto Exhaust Fumes

One cause of smog has been traced directly to the exhaust fumes of automobile engines.

This was announced yesterday by scientists of the Stanford University Research Institute which has been studying Los Angeles smog for the past three years in a program sponsored by the Western Oil & Gas Association.

The announcement said crystals of ammonium sulphate, ammonium nitrate, calcium sulphate and barium sulphate have been found in Los Angeles air and have been traced to combustion gases, including automobile exhausts.

New Technique

As far as is known, the automobile has not previously been shown as a producer of ammonia compounds. The development of a new technique for chemical analysis of single small crystals under the microscope lens has aided in isolating and identifying the crystals.

Under the direction of Robert Benoliel, manager of the institute's Pasadena laboratories, mist particles and crystals from exhausts have been carefully collected in recent months and have been shown to form heavy deposits of ammonium nitrate on laboratory slides.

Additional studies indicate that liquid condensate from automobile exhaust fumes becomes strongly acidic on evaporation. Under the microscope the substance appears to be coated with a tough, skinlike material like that on droplets collected from Los Angeles general atmosphere during smog conditions.

Davenport Yields