

# LAND

## Environmental Status on the Habitat for Humanity Property In Ardmore, Oklahoma

The Oklahoma Department of Environmental Quality has been involved with the Habitat for Humanity property in Ardmore, Oklahoma, since 2001, when negotiations began with Union Oil Company of California (UNOCAL) to determine the nature and extent of contamination at the property. In January 2002, DEQ and UNOCAL signed a Memorandum of Agreement and Consent Order in which the oil company agreed to investigate the site with DEQ's oversight.

### History

The Habitat for Humanity property is located west of Refinery Road and east of Lucille Drive. Pure Oil Company operated a crude oil tank farm on this site from 1915 to 1936, which allowed crude oil to be refined at the company's refinery. Environmental releases from the storage tanks caused some soils in the area to contain elevated levels of pollutants.

Pure Oil was purchased by Union Oil of California (UNOCAL) in 1963, and UNOCAL was recently acquired by Chevron Corporation. Currently, DEQ is providing oversight of work being carried out by Chevron under the 2002 Order.

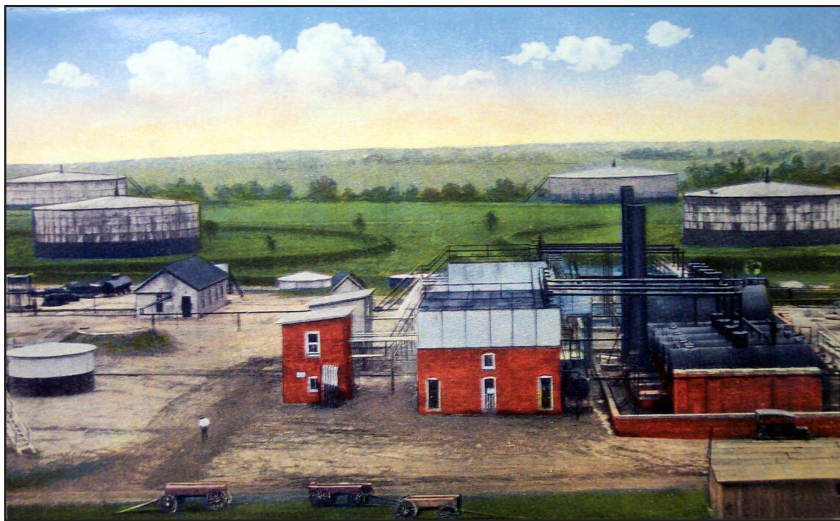
### Investigation and Work Accomplished

The environmental impact on the property is a residual solidified petroleum material, similar to asphalt road base. Soils contaminated with this material have been removed, along with piping and other tank farm surface structures. Chemical analysis of the soils verified that the material was not a hazardous waste.

More than 300 soil samples were taken after the soil was removed to find out if any impacts remained. There are a few small areas that need to be further evaluated to determine if additional soil removal is necessary.

### Next Steps

Using data gathered in the environmental investigation, site-specific cleanup levels for the remaining contaminants will be developed. When the soil is cleaned up to these levels, the property will be cleared for unrestricted use.



Once all the areas that need to be excavated are addressed, clean topsoil will be used to bring the areas back to grade for future construction.

### Deed Notice

When land is cleaned up using risk-based levels under a DEQ Order or an approved remediation plan, DEQ files a remediation notice in the land records at the county clerk's office. The notice may contain deed restrictions against digging, drilling water wells, or residential use.

If the land is cleared for unrestricted use, DEQ does not file a deed notice.

### DEQ contacts:

For more information about the Chevron remediation project at the Habitat for Humanity property, call Kendel Posey at 405-701-5100.

This site is not an isolated situation. In many places in Oklahoma, land is cleaned up for re-use and redevelopment. Re-use and redevelopment is the major focus of DEQ's two remediation programs, the Brownfields Program and the Voluntary Cleanup Program. For information about these programs, call Rita Kottke or Ray Roberts at 405-702-5100.

This publication is issued by the Oklahoma Department of Environmental Quality authorized by Steven A. Thompson, Executive Director. Copies have been prepared at a cost of \$0.053 each. Copies have been deposited with the publications clearinghouse of the Oklahoma Department of Libraries (C:\Mullins\CustomerService\Factsheets\Land\Habitat\Humanity\Ardmore\HHArdmore.indd) 7/08