

Warren Petroleum/Chevron (Former Mocane Gas Processing Plant)

Location: The site is approximately 49 acres located approximately 8 miles east of Forgan, OK. It is located in the center of Section 18, Township 5 North, and Range 25 East in Beaver County, OK.

Background: The Warren Mocane Gas Plant (now inactive) was a natural gas cryogenic plant located in a sparsely populated area used primarily as range land near Forgan, OK.

Air: None addressed

Soil: No known soil issues at this time.

Surface Water: The closest surface water bodies are the Cimarron River and the Beaver River (North Canadian located approximately 7 and 5 miles north and south, respectively).

Groundwater: The groundwater gradient appears to be directed semi-radially to the north and to the southeast at an approximate gradient of 0.033 ft/ft.

Private/Public Wells: The nearest downgradient well is located more than 2/3 mile from the site. The nearest downgradient permitted well is more than 1 mile from the site.

Vapor Intrusion to Indoor Air: No vapor intrusion issues at this time.

Key Questions:

- **Have all known groundwater contaminant plumes been adequately evaluated and delineated?** Yes, a benzene plume has been delineated onsite, with light non-aqueous phase liquids (LNAPL) occurring in two monitoring wells. Mobile dual phase extraction (MDPE) has been implemented to remove LNAPL from the subsurface. The most recent MDPE event occurred in October 2016.
- **Has the site been sampled for an adequate list of analytes?** Yes
- **Does soil or waste need to be cleaned up?** No
- **Has the surface water been sampled?** No. Not applicable.
- **Has soil at the site been cleaned up to levels protective of groundwater?** Yes