



*Expert Environmental
Support Services for Site
Investigation & Remediation*

May 7, 2018

Paul Schneider, HSE Manager

Anadarko Petroleum Corp.

Via E-mail: paul.schneider@anadarko.com

**RE: FINAL REPORT - VGS Project No. 17137.01:
Results of April 5, 2018, Sub-Slab Soil Gas Testing at 6310 Twilight Ave., Firestone, CO**

On April 18, 2018, an environmental geologist from Vista Geoscience arrived on site at 6310 Twilight Avenue at 8:45 am. He met with a representative from Anadarko to perform a safety meeting prior to beginning work. The vapor pins were removed from the basement floor from all five locations as well as the PVC vent well in the basement window sill. The Anadarko representative was satisfied with the removal of the PVC pipe from the basement window sill without emplacing a new screen in the sill. Each void where the vapor pins resided were then filled with concrete to match the existing floor. The site was cleaned before the Vista environmental geologist left site at 9:30 am.

If there are any questions or concerns, please feel free to contact us.

Best Regards,

Ted Stockwell

Environmental Geologist

(815) 545-1117

REVIEWED BY:

Jeffrey Zajdel

Field Operations Manager

John Fontana, PG, President & CEO

Vista GeoScience LLC

Figure 1. Sketch of 6310 Twilight Ave., Basement Area, showing location of installed VaporPin sub-slab sampling points; 6-20-17. (NOT TO SCALE)

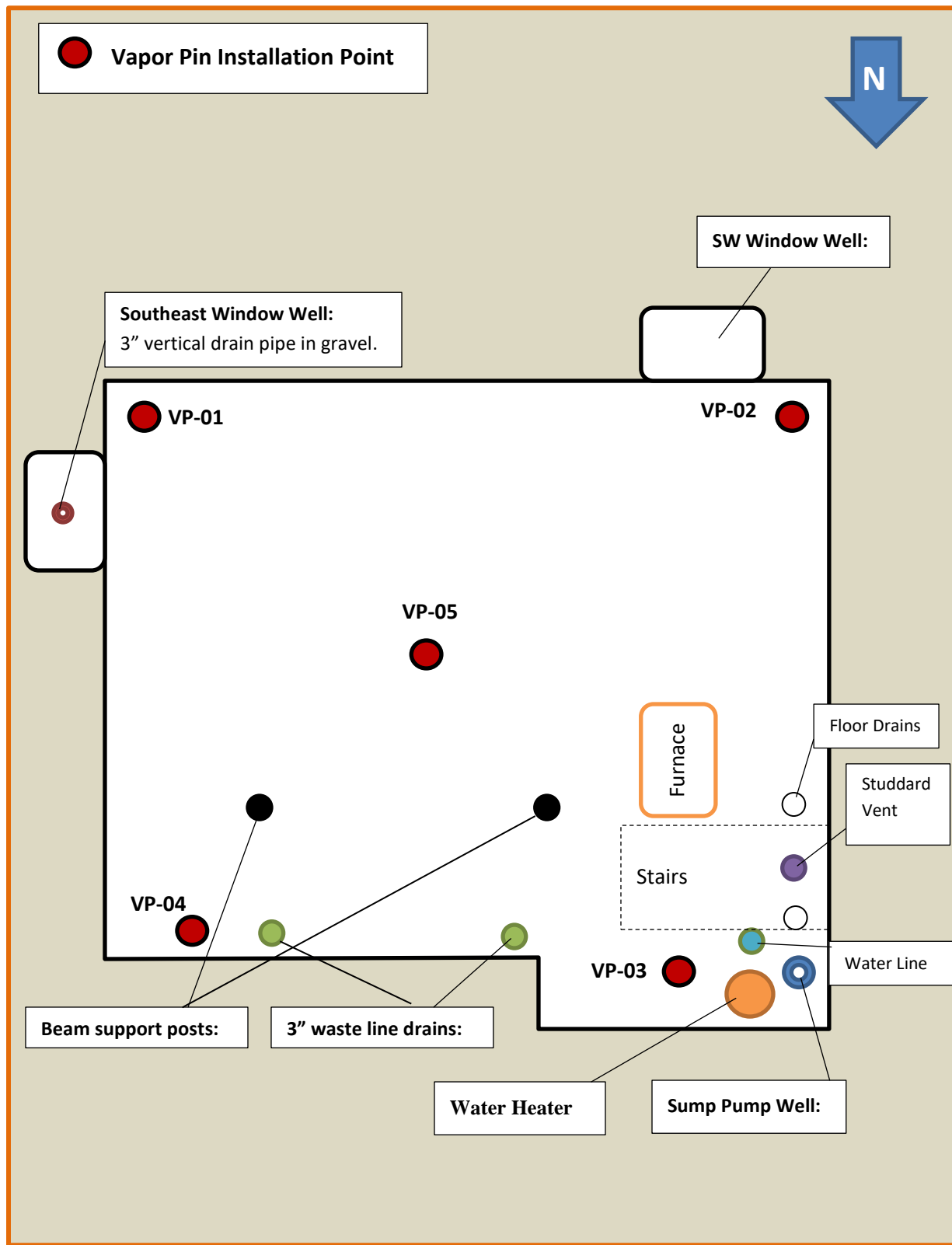


Figure 2. Vapor Pin™ Description.

Vapor Pin™

Stainless steel Vapor Pins™ were installed to access soil gas samples below the basement concrete slab. A 5/8" and 1 1/2" diameter hole was drilled in the concrete. The 1 1/2" hole allows the pin to be set flush below the surface, and protected by a secure stainless-steel screw-on cover. After drilling the holes, the Vapor Pins were installed by hammering them gently in place. The silicone seal around the pin seals it from room air so that gases can be pulled through the pin with a pump without cross contamination from room air.



Figure 3. Photos of installed Vapor Pin locations.**Vapor Pin VP-01****Vapor Pin VP-02****Vapor Pin VP-03****Vapor Pin VP-04****Vapor Pin VP-05****Close-up view of VP-05**