

February 15, 2023

**Re: 2023 First Quarter Summary
Kerr-McGee Oil and Gas Onshore, LP
P Ville Federal 5-7 Wellhead
Form 27 Document # 403312832
Remediation # 23002
SWNW SEC 7-T3N-R66W**

Summary of Field Assessment Activities

Below is a summary of soil vapor field assessment activities completed since the previous Form 27 supplemental submittal on November 9, 2022 (Document Number 403219646).

On November 9, 2022, Ensolum screened and sampled the newly-installed soil vapor wells (SVWs) using IsoTubes™ and an IsoTube™ sampling manifold in conjunction with the pump on a Landtec GEM™5000 (GEM). Samples collected from SVW01-SVW24, SVW26, and SVW27 were submitted to Isotech Laboratories (Isotech) for gas composition and isotopic analysis. SVW25 could not be located as the area was flooded with irrigation water during the sampling event. During field screening, trace methane was detected by the GEM in five of the SVWs (SVW03, SVW10, SVW12, SVW14, and SVW27). Analytical results were received on December 5 and December 19, 2022. Methane was detected in 3 of the samples ranging from 0.0139% to 0.141%. Hydrocarbons in the C2 to C5 range were detected in two soil vapor wells (SVW10 and SVW27). The fourth quarter 2022 tabulated field data and laboratory analytical results are included as Tables 1A and 2A, respectively. Historical field data and laboratory analytical results are included as Tables 1B and 2B, respectively. The laboratory report from the fourth quarter 2022 sampling event is attached.

An additional site-wide screening and sampling event is scheduled for first quarter 2023. A Form 27 supplemental will be submitted in the second quarter of 2023 presenting the findings of the ongoing assessment activities.