

March 2, 2023

**Re: 2032 First Quarter Summary  
Kerr-McGee Oil and Gas Onshore, LP  
State 30-16 Wellhead  
Form 27 Document # 403334116  
Remediation # 18298  
SWNW SEC 16-T1N-R68W**

#### Summary of Field Assessment Activities

Below is a summary of field assessment activities completed since the previous submittal on December 28, 2022 (Document Number 403260759).

On December 6, 2022, eight additional SVPs were installed in vicinity of the State 6-16 wellhead and former SVE well SVE01. On December 9, 2022, Ensolum screened and sampled the eight SVPs using IsoTubes™ and an IsoTube™ sampling manifold in conjunction with the pump on a Landtec GEM™5000 (GEM). Samples collected from SVP77-SVP84 were submitted to Isotech Laboratories (Isotech) for gas composition and isotopic analysis. During the field screening event, methane was not detected by the GEM in any of the SVPs. Analytical results were received on December 28, 2022, indicating detections of trace methane in five of the eight samples ranging from 0.0002% to 0.0019%. Trace thermogenic gases in the C2 to C5 range were detected in four samples (SVP78, SVP80, SVP81, and SVP82).

On December 15, 2022, Ensolum returned to the site to screen and sample the eight SVPs using IsoTubes™ and an IsoTube™ sampling manifold in conjunction with the pump on a GEM. Samples collected from SVP77-SVP84 were again submitted to Isotech for gas composition and isotopic analysis. During the field screening event, methane was not detected by the GEM in any of the SVPs. Analytical results were received on January 9, 2023, indicating detections of trace methane in three of the eight samples ranging from 0.0002% to 0.0013%. Trace thermogenic gases in the C2 to C5 range were only detected in the sample collected from SVP80. Previous methane detections during the December 2021 sampling event ranged from 0.0002% to 32.95%.

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 reports from the fourth quarter 2022 sampling events are attached.

The soil vapor investigation is ongoing as re-entry work continues at multiple wells on the same pad as the State 30-16. Additional SVPs and SVE wells will be installed after the plugging and abandonment work has been completed.