



March 12, 2026

**New Mexico Energy, Minerals and Natural Resources Department**  
**New Mexico Oil Conservation Division**  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**Re: Delineation Work Plan Addendum**  
**Levey Water Well / South Hobbs G/SA Unit Operations**  
**New Mexico EMNRD OCD**  
**Order No. R-4934-F, Case No. 14981**  
**Incident ID No. nAPP2227033082**

To Whom It May Concern:

Ensolum, LLC (Ensolum) on behalf of Occidental Permian LTD (OXY), has prepared this *Delineation Work Plan Addendum* to address conditions of approval for the *2025 Delineation Work Plan* prepared for the Levey Water Well / South Hobbs G/SA Unit Operations (Site). On June 30, 2019, elevated pressure was observed at the Levey Well located in Unit F, Section 5, Township 19 South, Range 38 East, in Lea County, New Mexico (32.690683, -103.173158). The natural gas release was reported to the New Mexico Oil Conservation Division (NMOCD) and assigned Incident ID Number nAPP2227033082. A *2025 Delineation Work Plan*, also referred to as a Stage 1 Abatement Plan pursuant to Title 19, Chapter 15, Part 30 (19.15.30) of the New Mexico Administrative Code (NMAC), was submitted to the NMOCD on April 2, 2025 for the Site. The *2025 Delineation Work Plan* proposes additional delineation activities to address the dissolve-phase chemicals of concern (COCs) and free gas that are located within operations that are part of the South Hobbs Grayburg/San Andres Unit (SHU) Field in the southwestern area of the City of Hobbs, New Mexico. The *2025 Delineation Work Plan* was approved on February 9, 2026 with conditions. Below are additional details regarding the proposed drilling and soil sampling methods for the Site that were requested via the NMOCD Conditions of Approval.

## SOIL INVESTIGATION

A total of six soil borings will be installed at the Site. One boring will be completed in the vicinity of existing monitoring well MW-2 and converted into permanent recovery well (RW-1), and the remaining five borings will be converted into monitoring wells (MW-3, MW-4, MW-5, MW-6 and MW-7) to remove and monitor dissolve-phase concentrations observed in the on-Site monitoring well MW-2. Figure 1 illustrates the proposed recovery and monitoring well locations. Due to the lithology in the area, the soil borings will be advanced utilizing an air rotary drilling rig to a maximum depth of approximately 120 feet below ground surface (bgs).

Sampling and drilling equipment will be decontaminated by high pressure cleaning prior to commencement of the project and between the advancement of each soil boring. Soil samples will be collected continuously from the surface to the terminal depth of the soil boring. The cuttings will be inspected to document lithology, color, relative moisture content, and visual or olfactory evidence of volatile organic compounds (VOCs) and/or petroleum hydrocarbons. The samples will be scanned with a calibrated photoionization (PID) capable of detecting VOCs.

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Up to three soil samples will be collected from each soil boring from any of the following locations as determined by the field professional's judgement:

- The zone exhibiting the highest concentration of VOC's based on visual, olfactory or PID evidence.
- From the capillary fringe zone,
- From a change in lithology,
- From the vadose zone, or;
- From the bottom of the boring.

Following the conclusion of the soil boring installation activities, Ensolum will coordinate the removal and disposition of the investigation derived soil generated during investigation activities at a licensed facility.

## CONCLUSIONS

Upon receiving approval from the NMOCD of the proposed drilling and soil sampling methods discussed above, notice will be issued to the appropriate parties pursuant to 19.15.30.15 (A) NMAC. A copy and proof of the notice will be provided to the NMOCD. Within 15 days after receiving correspondence that the Stage 1 Abatement Plan is administratively complete, public notice will be issued in a newspaper of general circulation in Lea County as well as the state of New Mexico. A 30-day waiting period will commence for public response prior to the commencement of delineation activities.

If you have any questions or comments, please contact Mr. Beaux Jennings at (210) 219-8858 or [bjennings@ensolum.com](mailto:bjennings@ensolum.com).

Sincerely,  
**Ensolum, LLC**



Katherine Kahn, P.G.  
Senior Managing Geologist



Beaux Jennings  
Associate Principal

cc: Jessica Kent, OXY

Attachment:

Figure 1 Site Map



**SITE MAP**

OCCIDENTAL PERMIAN LTD  
S HOBBS G/SA UNIT

Unit F, Sec 5, T9S, R38E, Hobbs, New Mexico  
32.690683° N, 103.173158° W

PROJECT NUMBER: 03B1417001

**FIGURE**

**1**

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 562607

**CONDITIONS**

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 562607
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

**CONDITIONS**

Created By	Condition	Condition Date
owen.sitler	None	5/22/2026