



NV

February 18, 2021

Mr. Bradford Billings
State of New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Subject: Work Plan for Quarterly Mobile Dual Phase Extraction (MDPE) Events
ConocoPhillips – Vacuum Glorietta
Lea County, New Mexico (1RP-744)**

Dear Mr. Billings:

On behalf of ConocoPhillips Company (COP), Tetra Tech, Inc. (Tetra Tech) is pleased to provide this Work Plan to conduct quarterly Mobile Dual Phase Extraction (MDPE) events at the Vacuum Glorietta site located in Lea County, New Mexico (Site). The Site location is shown in Figure 1. The MDPE events will consist of groundwater extraction and soil vapor extraction. The methods and duration of the events are based on previous results of remediation activities performed at the Site.

In order to enhance remediation of phase separated hydrocarbons (PSH) at the Site, Tetra Tech has contracted AcuVac Remediation, LLC (AcuVac) to conduct quarterly three day MDPE events on monitor well VG-4. Monitor well VG-4 is the only monitor well at the Site to exhibit measurable PSH thickness since 2014. The locations of monitor well VG-4 along with the other on-site monitor wells are shown in Figure 2. The goal is to achieve liquid and vapor phase hydrocarbon removal from the groundwater and subsurface formations in the vicinity of monitor well VG-4. The MDPE events will be conducted using AcuVac's equipment which includes an I-6 System with a Roots RAI-33 blower (vacuum pump) and a Roots RAI-22 positive displacement blower. The recovery results will be monitored throughout each event with adjustments made as needed. Fluids recovered during each MDPE event will be trucked off-site for disposal.

The results of the MDPE events (gallons of PSH and groundwater recovered) will be summarized in the 2021 Annual Report for this project, and reports produced by AcuVac detailing the remedial activities performed at the Site will be included.

Should you have any questions or comments regarding this work plan, please do not hesitate to contact Julie Evans by phone (432) 258-3451 or email (Julie.Evans@tetrattech.com).

Tetra Tech, Inc.

A handwritten signature in cursive script that reads 'Julie Evans'.

Julie Evans
Project Manager

A handwritten signature in cursive script that reads 'Greg W. Pope'.

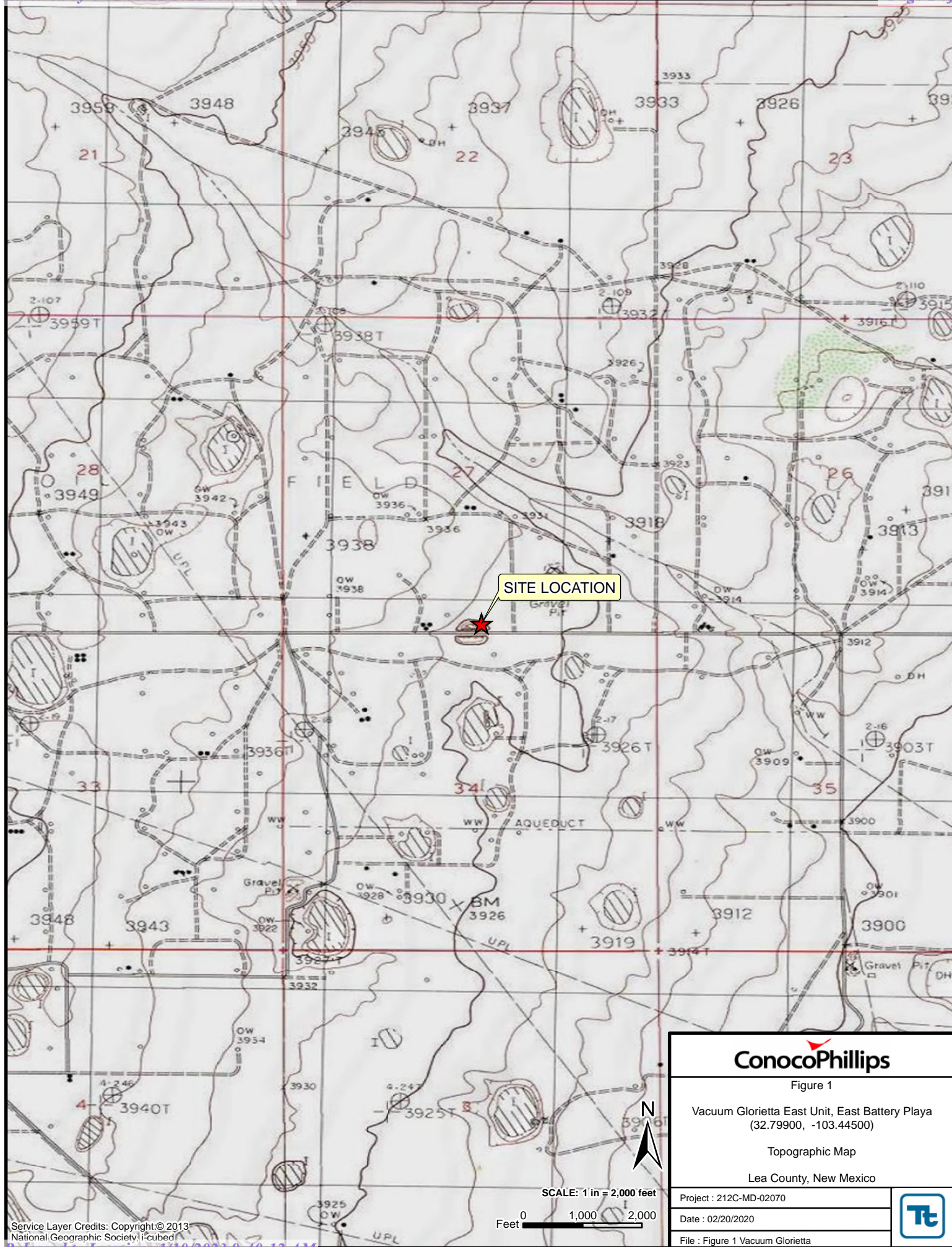
Greg W. Pope, P. G.
Program Manager

Attachments: Figure 1 – Topographic Map
Figure 2 – Site Plan Map

cc: Mr. Marvin Soriwei – ConocoPhillips

Tetra Tech, Inc.

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CONDITIONS

Action 20614

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 20614
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Accepted for the record. See app ID 107890 for most updated status.	1/10/2023