

## Bratcher, Mike, EMNRD

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**From:** Amanda Trujillo [atrujillo@yatespetroleum.com]  
**Sent:** Friday, April 29, 2011 4:27 PM  
**To:** Bratcher, Mike, EMNRD; 'Jim Amos (James\_Amos@blm.gov)'; Jerry Fanning  
**Cc:** Junior Orquiz  
**Subject:** (Release) Anemome ANE Federal #2 Work Plan  
**Attachments:** Anemome ANE Federal #2 WorkPlan (4-22-11).pdf

Mike,

Attached is the Work Plan for the Anemome ANE Battery #2.

Thank you,

**Amanda N. Trujillo**  
Environmental Scientist  
Yates Petroleum Corporation  
Office 575-748-4310  
Cell 575-703-6537  
Email [atrujillo@yatespetroleum.com](mailto:atrujillo@yatespetroleum.com)

-----Original Message-----

**From:** Amanda Trujillo  
**Sent:** Monday, April 25, 2011 5:06 PM  
**To:** Mike Bratcher ([Mike.Bratcher@state.nm.us](mailto:Mike.Bratcher@state.nm.us)); Jim Amos ([James\\_Amos@blm.gov](mailto:James_Amos@blm.gov)); Jerry Fanning; Jennifer Palma  
**Subject:** (Release) Anemome ANE Federal #2

Mr. Bratcher:

Anemome ANE Federal #2  
Section 9, Township 22 South, Range 23 East  
Eddy County  
Date of Release: 4/22/2011  
Approximately 22 Barrels of PW released and 20 barrels of PW recovered  
All fluids were contained within the berm. And vacuum trucks are on site.  
Cause of release has been isolated and repairs are in progress.  
C-141 attached.

If you should have any questions please feel free to contact me at the number below

**Amanda N. Trujillo**  
Environmental Scientist  
Yates Petroleum Corporation  
Office 575-748-4310  
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Email [atrujillo@yatespetroleum.com](mailto:atrujillo@yatespetroleum.com)

April 28, 2011

Mr. Mike Bratcher  
New Mexico Oil Conservation Division  
1301 W. Grande Avenue  
Artesia, NM 88210

Re: Anemone ANE Federal #2  
30-015-27982  
Section 9, T22S-R24E  
Eddy County, New Mexico

Dear Mr. Bratcher:

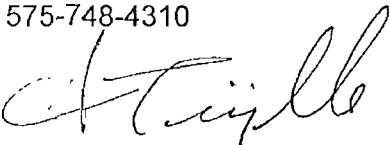
Yates Petroleum Corp. would like to submit for your consideration the enclosed work plan for the above captioned well. Scope of work described in the plan will be conducted as soon as the work plan is approved and a contractor can be scheduled.

If you have any questions call me at

Thank you.

Yates Petroleum Corporation

Amanda Trujillo  
Environmental Scientist  
575-748-4310



Enclosure(s)

**Yates Petroleum Corporation**

**Anemone ANE Federal #2 Work Plan**

**Section 9, T22S-R24E**

**Eddy County, New Mexico**

**April 28, 2011**

**I. Location**

North of Carlsbad on Hwy 285 for 12.5 miles to Hwy 137, turn west and travel 14 miles to caliche lease road. Turn east on caliche road for 1.5 miles. Turn South for .4 of a mile then turn SW for .3 of a mile.

Section 9, T22S-R24E Eddy County, New Mexico

**II. Background**

Over the course of three months the Anemone Battery has experienced three releases. During the course of clean up for the previous releases it was determined the bedrock beneath the tanks and piping was going to severely hinder the clean up process. Hand digging produced inadequate results at best.

Unfortunately, the Anemone Battery is a keystone battery in our Indian Basin operations. Therefore, our goal was to not remove the battery from production for an extended amount of time. In order to accomplish both the reclamation requirements and producing requirements it was determined the best course of action was reconstruct the battery in another location on the pad.

**III. Surface and Ground Water**

Area soil series is an *Ector extremely rocky loam* according to NRCS Web Soil Survey, characterized by 9 – 25 % slope, well drained and a textural class of rocky loam. Depth to ground water is approximately 585 feet deep according to the State Engineer's Office. Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is zero (0) based on the as following:

Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

**IV. Soils**

The Ector series is characterized by a textural class of a rocky loam with a parent material of residuum weathered from limestone. Characteristics also include high hydraulic conductivity, however lithic bedrock can be found at a depth of 4 – 20 inches. Description of landforms includes hills and ridges with vegetation dominated primarily by a midgrass/mixed-shrub/forb community.

**V. Scope of Work**

Upon approval of this work plan, Yates Petroleum Corp. will have a contractor construct a new battery on the south end of the pad. The equipment will be re-plumbed to the new tanks. The battery will be built with a 40 mil liner. Once this is completed the old plumbing can be removed from the spill area and excavation can begin, in the impacted area. Vertical and horizontal delineation samples will be taken and analysis ran for Total Petroleum Hydrocarbons (TPH) and Benzene, Toluene, Ethyl-Benzene, and Xylene (BTEX) once all contaminated material has been removed. Contamination levels will be evaluated in accordance with the *OCD Guidelines for Remediation of Leaks, Spills and Releases* for a site ranking of zero. Chloride samples will be taken for documentation purposes.

## **Bratcher, Mike, EMNRD**

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**From:** Amanda Trujillo [atrujillo@yatespetroleum.com]  
**Sent:** Friday, April 15, 2011 4:24 PM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** FW: Anemome ANE Federal #2

Mr. Bratcher:

Anemome ANE Federal #2  
Section 9, Township 22 South, Range 23 East  
Eddy County  
Date of Release: 4/15/2011  
Approximately 1380 barrels of PW and 120 barrels of Oil  
All fluids were contained within the berm. And vacuum trucks are on site.  
Cause of release has been isolated and repairs are in progress

If you should have any questions please feel free to contact me at the number below

**Amanda N. Trujillo**  
Environmental Scientist  
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