

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

For drilling and production facilities, submit to  
appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank X

SEP 29 2008

Operator: **Nadel & Gussman Permiian, LLC**

Telephone: **432-682-4429**

e-mail address: **kemm@nadel.com**

**OCD-ARTESIA**

Address: **601 N. Marienfeld, Suite 508, Midland, Texas 79701**

Facility or well name: **Callahan Federal No. 1**

API: **30 015 34739**

U/L I S26 T20S R23E 1980' FSL & 660' FEL

**Callahan Federal No. 1Y**

API: **30 015 35049**

U/L I S26 T20S R23E 1969' FSL & 671' FEL

County: **Eddy**

Surface Owner: Federal ☐ State X ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling X Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined X Unlined ☐

Liner type: Synthetic X Thickness: 12ml HDPE liner Clay ☐

Pit Volume: 2500 bbl. Approximately

**Below-grade tank N/A**

Volume: N/A bbl Type of fluid: N/A

Construction material: N/A

Double-walled, with leak detection? ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of groundwater.) State Engineer's Web site shows a range between 500' to 1200'.

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points) Opts.

100 feet or more

(0 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes

(20 points)

No

(0 points) Opts.

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

(20 points)

200 feet or more, but less than 1000 feet

(10 points) Opts.

1000 feet or more

(0 points)

**Ranking Score (Total Points)**

**0pts.**

If this is a pit closure: (1) Indicate disposal location: Onsite insitu pit If offsite, name of facility: (2) Attach a general description of remedial action taken including remediation start date and end date. (3) Groundwater encountered: No X Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (4) Attach soil sample results.

**Additional Comments: Groundwater in this area is extremely deep. Local ranch wells run between 1,000 to 1,200 feet.**

THIS DOCUMENT CONSTITUTES AN AMENDED C-144 BECAUSE THERE WERE TWO DRILLING EVENTS: (A) CALLAHAN FEDERAL NO. 1Y (API # 015-35049) AND THE CALLAHAN FEDERAL NO. 1 (API # 015-34739). THE FORMER HAS BEEN PLUGGED AND THE RIG SKIDDED TO DRILL THE SECOND HOLE. CURRENTLY, FINAL PLUGGING AND ABANDONMENT OF THE 34739 LOCATION IS PLANNED WITHIN THE NEXT 90 DAYS. NGP IS WAITING FOR INTERESTED PARTIES TO SIGN THE AFE. CONSEQUENTLY, CLOSURE OF THIS DRILLING PIT SHALL CONSTITUTE CLOSURE OF BOTH THE ABOVE LOCATIONS SINCE ONLY ONE PIT IS INVOLVED. **PIT CLOSED DECEMBER 2007 / SAMPLE ANALYTICALS ATTACHED**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: **11 Dec ember 2007**

Printed Name/Title: **Kem McCready, Operations Engineer**

Signature *Kem McCready*

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title

Accepted for record  
NMOCD

Signature

SEP 29 2008  
Date:



## Summary Report

COPY

Cheryl Winkler  
Nadel & Gussman Permian LLC  
601 N. Marienfeld  
Suite 508  
Midland, TX, 79701

Report Date: December 7, 2007

Work Order: 7120521



Project Location: Eddy County, NM  
Project Name: Callahan Fed #1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
144487	West Floor Comp	soil	2007-11-30	14:00	2007-12-05
144488	East Floor Comp	soil	2007-11-30	14:30	2007-12-05

## Sample: 144487 - West Floor Comp

Param	Flag	Result	Units	RL
Chloride		372	mg/Kg	5.00

## Sample: 144488 - East Floor Comp

Param	Flag	Result	Units	RL
Chloride		102	mg/Kg	5.00