

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 ☒

Operator: Nadel & Gussman Permian, LLC

Telephone: 432-682-4429

e-mail address: kemm@naguss.com

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

Facility or well name: **Big Chief Fee No. 10** API #: **30-015-35337** U/L D **S22 T22S R28E 990' FNL 990' FEL**

SEP 29 2008

County: **Eddy** Latitude N Longitude W NAD: 1927 ☐ 1983 ☐

OCD-ARTESIA

Surface Owner: Federal ☐ Private ☒ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness: **12ml HDPE liner** Clay ☐

Pit Volume: **1500 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.) NMOCD map shows 50' - 75' depth to groundwater. NGP drilled boreholes on No. 8 to 70' and found no water nor any indication of moisture present. The trend of the groundwater in this area is going deeper to the east which justifies burial insitu at this location.

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more

10 pts.

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)

0 pts.

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)

1000 feet or more

(0 points)

0 pts.

Ranking Score (Total Points)

10 pts.

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks (2) Indicate disposal location: offsite N/A If offsite, name of facility: N/A (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

PIT CLOSED OCTOBER 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: **26 October 2007**

Printed Name/Title **Kem McCready, Operations Manager**

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:

**Accepted for record
NMOCD**

Printed Name/Title

Signature

SEP 29 2008
Date:



Summary Report

Kem McCreedy
Nadel & Gussman Permian LLC
601 N. Marienfeld
Suite 508
Midland, TX, 79701

Report Date: October 22, 2007

Work Order: 7101814



Project Name: Big Chief Fee #10

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
139516	N 1/2 comp. East Pit Insitu	soil	2007-10-15	16:00	2007-10-18
139517	S 1/2 comp. East Pit Insitu	soil	2007-10-15	16:20	2007-10-18
139518	N 1/2 comp. West Pit Insitu	soil	2007-10-16	13:00	2007-10-18
139519	S 1/2 comp. West Pit Insitu	soil	2007-10-16	13:40	2007-10-18

Sample: 139516 - N 1/2 comp. East Pit Insitu

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

Sample: 139517 - S 1/2 comp. East Pit Insitu

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	5.00

Sample: 139518 - N 1/2 comp. West Pit Insitu

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

Sample: 139519 - S 1/2 comp. West Pit Insitu

Param	Flag	Result	Units	RL
Chloride		119	mg/Kg	5.00

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Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

Sample: 139517 - S 1/2 comp. East Pit Insitu

Param	Flag	Result	Units	RL
Chloride		<100	mg/Kg	5.00

Sample: 139518 - N 1/2 comp. West Pit Insitu

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

Sample: 139519 - S 1/2 comp. West Pit Insitu

Param	Flag	Result	Units	RL
Chloride		119	mg/Kg	5.00