

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

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: Roca State No. 1

API: 30 015 28197

U/L O Sec 32 T21S R22E 992'FSL 1976'FEL

SEP 29 2008

County: Eddy

OCD-ARTESIA

Surface Owner: Federal State X Private ☐ Indian ☐

Pit

Type: Reentry/Drilling X Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined X Unlined ☐

Liner type: Synthetic X 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.) State Engineer's Web site shows a range between 75' and 100'. Local wells show water at >1,080'. Field data in this case is more accurate than Web site data.

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)

Opts.

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. (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: The well has been plugged and abandoned. The entire site was reclaimed with the exception of the inbound road which remains to provide access for the rancher to a watering hole for his cattle.

PIT CLOSED SEPTEMBER 2006

SAMPLE ANALYTICALS ATTACHED / NMOCD APPROVED RISKED CLOSURE DUE TO EXTREMELY ROCKY CONDITIONS AND DEPTH TO GROUNDWATER IN AREA (FIELD VERIFIED > 1,000'). THEREFORE SAMPLES TAKEN HAD VERY LITTLE SOIL TO ROCK RATIO. TODAY GRAZING HAS BEEN RESTORED IN AREA.

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: 29 September 2006

Printed Name/Title: Kem McCready, Operation 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:

Printed Name/Title

Signature

Accepted for record  
NMOCD

Date:

SEP 29 2008



## Summary Report

Cheryl Winkler  
Nadel & Gussman Permian LLC  
Cheryl Winkler  
2408 Freeman  
Artesia, NM, 88210

Report Date: September 19, 2006

Work Order: 6091803



Project Number: Roca State No. 1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
103403	SE Corner off Pad	soil	2006-09-15	15:00	2006-09-16
103404	S Area Off Pad	soil	2006-09-15	15:30	2006-09-16

Sample - Field Code	BTEX				MTBE	TPH DRO	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
103403 - SE Corner off Pad	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
103404 - S Area Off Pad	<0.0100	<0.0100	<0.0100	<0.0100		83.9	<1.00

### Sample: 103403 - SE Corner off Pad

Param	Flag	Result	Units	RL
Chloride		4270	mg/Kg	1.00

### Sample: 103404 - S Area Off Pad

Param	Flag	Result	Units	RL
Chloride		4910	mg/Kg	1.00

## Summary Report

Cheryl Winkler  
Nadel & Gussman Permain LLC  
Cheryl Winkler  
2408 Freeman  
Artesia, NM, 88210

Report Date: September 15, 2006

Work Order: 6091406



Project Number: Roca State No. 1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
102962	West Pad Area	soil	2006-09-13	12:45	2006-09-14
102963	SE Area off Pad	soil	2006-09-13	12:10	2006-09-14
102964	South Side off Pad	soil	2006-09-13	12:20	2006-09-14

Sample - Field Code	BTEX				MTBE	TPH DRO	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
102962 - West Pad Area	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
102963 - SE Area off Pad	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
102964 - South Side off Pad	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00

### Sample: 102962 - West Pad Area

Param	Flag	Result	Units	RL
Chloride		738	mg/Kg	1.00

### Sample: 102963 - SE Area off Pad

Param	Flag	Result	Units	RL
Chloride		1520	mg/Kg	1.00

### Sample: 102964 - South Side off Pad

Param	Flag	Result	Units	RL
Chloride		4370	mg/Kg	1.00