

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: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@vpcnm.com

Address: 105 South 4<sup>th</sup> Street, Artesia, N.M. 88210

Facility or well name: Mortar State Unit 1 API #: 30-005-63767 U/L or Qtr/Qtr F Sec 25 T 8S R 27E

County: Chaves Latitude 33.59266 Longitude 104.14755 NAD: 1927 ☒ 1983 ☐

Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

RECEIVED

DEC 22 2005

UUD-ARTESIA

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Work over ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐

Pit Volume 12,000 bbl

Below-grade tank

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

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

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more

( 0 points) XXXX

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) XXXX

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) XXXX

**Ranking Score (Total Points)**

**0 POINTS**

**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: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility NA. (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: Closure work plan for drilling pit. The drilling pit contents will be mixed to stiffen the pit contents. Encapsulation trench will be excavated and lined with a 12 mil. Synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil. Synthetic liner will then be placed over the pit contents with a min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

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 ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 12/12/2005

Printed Name/Title Mike Stubblefield / Regulatory Agent

Signature Mike Stubblefield

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 Mike Bratcher

ASSET

Signature Mike Bratcher

Date: 12/29/05

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

Form C-144  
June 1, 2004

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

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: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@vpcnm.com

Address: 105 South 4<sup>th</sup> Street, Artesia, N.M. 88210

Facility or well name: Mortar State Unit 1 API #: 30-005-63767 U/L or Qtr/Qtr F Sec 25 T 8S R 27E

County: Chaves Latitude 33.59266 Longitude 104.14755 NAD: 1927 ☒ 1983 ☐

Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

RECEIVED

DEC 22 2005

OCU-ARTESIA

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Work over ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐

Pit Volume 12,000 bbl

Below-grade tank

Volume:        bbl Type of fluid:       

Construction material:       

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

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more

( 0 points) XXXX

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) XXXX

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) XXXX

Ranking Score (Total Points)

0 POINTS

**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: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility NA. (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: Registration for encapsulation trench. The drilling pit contents will be mixed to stiffen the pit contents. Encapsulation trench will be excavated and lined with a 12 mil. Synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil. Synthetic liner will then be placed over the pit contents with a min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

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 ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 12/12/2005

Printed Name/Title Mike Stubblefield / Regulatory Agent

Signature Mike Stubblefield

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 Mike Braker / ASST

Signature Mike Braker

Date: 12/29/05

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

Form C-144  
June 1, 2004

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

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: Yates Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@yepnm.com  
Address: 105 South 4<sup>th</sup> Street, Artesia, N.M. 88210  
Facility or well name: Mortar State Unit 1 API #: 30-005-63767 U/L or Qtr/Qtr F Sec 25 T 8S R 27E  
County: Chaves Latitude 33.59266 Longitude 104.14755 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

RECEIVED

DEC 22 2005

OOO-ARTESIA

**Pit**

Type: Drilling ☒ Production ☐ Disposal ☐  
Work over ☐ Emergency ☐  
Lined ☒ Unlined ☐  
Liner type: Synthetic ☒ Thickness 12 mil Clay ☐  
Pit Volume 12,000 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: \_\_\_\_\_  
Double-walled, with leak detection? Yes ☐ If not, explain why not. \_\_\_\_\_

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	( 0 points) XXXX
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) XXXX
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) XXXX
Ranking Score (Total Points)		0 POINTS

- 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: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility NA. (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: Closure work plan for encapsulation trench. The drilling pit contents will be mixed to stiffen the pit contents. Encapsulation trench will be excavated and lined with a 12 mil. Synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil. Synthetic liner will then be placed over the pit contents with a min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

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 ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 12/12/2005

Printed Name/Title Mike Stubblefield / Regulatory Agent

Signature Mike Stubblefield

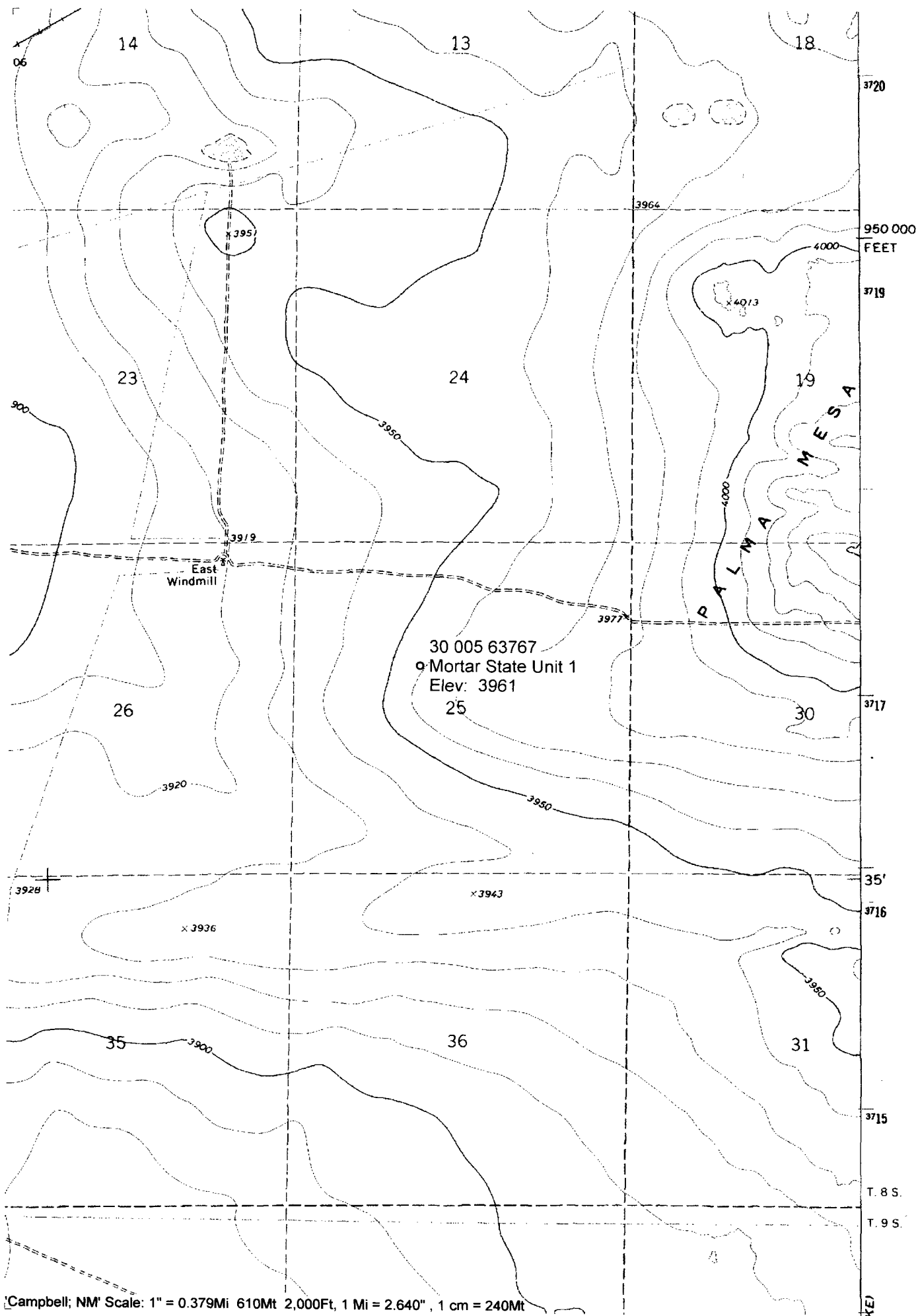
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with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

Approval:

Printed Name/Title Mike Bratcher

Signature Mike Bratcher

Date: 12/29/05



New Mexico Office of the State Engineer  
Well Reports and Downloads

NORTAR STATE UNIT 1

Township: 08S Range: 27E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic  
☒ All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

## AVERAGE DEPTH OF WATER REPORT 12/12/2005

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
RA	08S	27E	05				1	196	196	196
RA	08S	27E	08				1	87	87	87
RA	08S	27E	09				1	564	564	564

Record Count: 3