District I 1625 N. French Dr , Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III
1000 R10 Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr , Santa Fe, NM 87505

State of New Mexico Energy Minerals and Nat

7 4 7 91

Department

Oil Conservation Division

1220 South St. Francis Pr. 15

Santa Fe, N. 15

Santa Fe and N

### Pit, Closed-Loop System, Below-Grade Tank

Proposed Alternative Method Permit or Closure Plan Application Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method

	dividual pit, closed-loop system, below-grade tank or alternative request	
Please be advised that approval of this request does not relieve the operator of lia	bility should operations result in pollution of surface water, ground water or the sly with any other applicable governmental authority's rules, regulations or ordinances.	
Operator: Yates Petroleum Corporation	OGRID#: 025575 60-253	
Address: 105 South Fourth Street, Artesia, NM 88210		
Facility or well name: Monkey BIZ State Com #1	0.	
API Number: 30 - 025 - 39032	OCD Permit Number:	
U/L or Qtr/Qtr M Section 21 Township 16		
Center of Proposed Design: Latitude N32.901750 Lo	ngitude W103.777944 NAD: ⊠1927 ☐ 1983	
Surface Owner:    Federal   State   Private   Tribal Trust or Indian Allotment		
Pit: Subsection F or G of 19.15.17.11 NMAC	Closed-loop System: Subsection H of 19.15.17.11 NMAC	
Temporary: ⊠ Drilling □ Workover	☐ Drying Pad ☐ Tanks ☐ Haul-off Bins ☐ Other	
☐ Permanent ☐ Emergency ☐ Cavitation ☐ Steel Pit	☐ Lined ☐ Unlined	
☐ Lined ☐ Unlined	Liner type: Thickness mil	
Liner type: Thickness20mil 🔀 LLDPE 🗌 HDPE 🔲 PVC	☐ Other	
Other Felt Liner Underneath plastic liner String-Reinforced	Seams: Welded Factory Other	
Seams: Welded Factory Other	Volume:bblyd³	
Volume:13000bbl	Dimensions: Lengthx Width	
Below-grade tank: Subsection I of 19.15.17.11 NMAC	Fencing: Subsection D of 19.15.17.11 NMAC	
Volume:bbl	☐ Chain link, six feet in height, two strands of barbed wire at top	
Type of fluid:	☐ Four foot height, four strands of barbed wire evenly spaced between one and	
Tank Construction material:	four feet	
Secondary containment with leak detection	Netting: Subsection E of 19.15.17.11 NMAC	
☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	Screen Netting Other N/A Temporary Pit	
☐ Visible sidewalls and liner	Monthly inspections	
☐ Visible sidewalls only	Signs: Subsection C of 19.15.17.11 NMAC	
Other	12'x24', 2' lettering, providing Operator's name, site location, and	
Liner type: Thicknessmil  HDPE PVC	emergency telephone numbers	
Other	Signed in compliance with 19.15.3.103 NMAC	
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration	Administrative Approvals and Exceptions:  Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.	
of approval.	Please check a box if one or more of the following is requested, if not leave blank:  Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.	
	Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	

Form C-144

Oil Conservation Division

Page 1 of 4

Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.		
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ⊠ No	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes 🛭 No	
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applies to temporary, emergency, or cavitation pits and below-grade tanks)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ⊠ No ☐ NA	
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applies to permanent pits)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ⊠ No 図 NA	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ⊠ No	
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No	
Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ⊠ No	
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☒ No	
Within a 100-year floodplain FEMA map See Attached Exhibit "A"	☐ Yes ⊠ No	
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC  Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached  □ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC See Attached  □ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Ex "B"  □ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC See Attached Exhibit "C"  □ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC See Attached Exhibit "E"  □ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC See Attached Exhibit "F"  □ Previously Approved Design (attach copy of design) API Number: or Permit Number:		
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC		
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.  Geologic and Hydrogeologic Data (required for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (required for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC		
Previously Approved Design (attach copy of design) API Number:		

Permanent Pits Permit Application Checklist: Subsection B of 19.15 17.9 NMAC	orres anta ana
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc	cuments are
attached.  Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC	
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
☐ Climatological Factors Assessment	
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC	
Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC	
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC	
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC	
Ouality Control/Quality Assurance Construction and Installation Plan	
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC	
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
Nuisance or Hazardous Odors, including H <sub>2</sub> S, Prevention Plan	
Emergency Response Plan	
Oil Field Waste Stream Characterization	
Monitoring and Inspection Plan	
☐ Erosion Control Plan ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
Proposed Closure: 19.15.17.13 NMAC	_
Type: 🖾 Drilling 🗌 Workover 🔲 Emergency 🔲 Cavitation 🔲 Permanent Pit 🔲 Below-grade Tank 🔲 Closed-loop System 🗀	Alternative
Proposed Closure Method: Waste Excavation and Removal	
☐ Waste Removal (Closed-loop systems only)	
On-site Closure Method (Only for temporary pits and closed-loop systems)	
☐ In-place Burial ☐ On-site Trench Burial	
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for con	isideration)
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC	
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable	
source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from	
the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau	
office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10	
NMAC for guidance.	
Control of SO Control of the house of the huminal wests	☐ Yes ☐ No
Ground water is less than 50 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	□ NA
- NIM Office of the State Engineer - TWATERS database scarcii, 0505, Data obtained from hearby world	L
Ground water is between 50 and 100 feet below the bottom of the buried waste	☐ Yes ☐ No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ NA
	□ Vaa □ Na
Ground water is more than 100 feet below the bottom of the buried waste.	☐ Yes ☐ No ☐ NA
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	⊔ ма
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa	☐ Yes ☐ No
lake (measured from the ordinary high-water mark).	
- Topographic map; Visual inspection (certification) of the proposed site	
	□ v · ·
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock	☐ Yes ☐ No
watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	
- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	☐ Yes ☐ No
adopted pursuant to NMSA 1978, Section 3-27-3, as amended.	
- Written confirmation or verification from the municipality; Written approval obtained from the municipality	
west: coo c	☐ Yes ☐ No
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ 165 ☐ NO
- OS Fish and whome wehand identification map, Topographic map, Visual inspection (certification) of the proposed site	
Within the area overlying a subsurface mine.	☐ Yes ☐ No
- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	
Within an unstable area.	
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	☐ Yes ☐ No
Society; Topographic map	
Within a 100-year floodplain.	☐ Yes ☐ No
- FEMA map	

Waste Excavation and Removal Closure Plan Checklist: (19.15.17	13 NMAC) Instructions: Each of the following tiems must be diluction to the		
closure plan. Please indicate, by a check mark in the box, that the de	ocuments are attached. See Attached Exhibit "F"		
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC			
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC			
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)  Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC			
<ul> <li>         ⊠ Soil Backfill and Cover Design Specifications - based upon the          Re-vegetation Plan - based upon the appropriate requirements of     </li> </ul>	f Subsection Lof 19 15 17 13 NMAC		
Site Reclamation Plan - based upon the appropriate requirement	s of Subsection G of 19.15.17.13 NMAC		
Waste Removal Closure For Closed-loop Systems That Utilize Hat	al-off Bins Only: (19.15.17.13.D NMAC) Instructions: Please indentify the facility		
or facilities for the disposal of liquids, drilling fluids and drill cutting	vs.		
Disposal Facility Name:	Disposal Facility Permit Number:		
	: Each of the following items must be attached to the closure plan. Please indicate,		
by a check mark in the box, that the documents are attached.			
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC			
Proof of Surface Owner Notice - based upon the appropriate rec	Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC		
Construction and Design of Burial Trench (if applicable) based	upon the appropriate requirements of 19.15.17.11 NMAC		
Protocols and Procedures - based upon the appropriate requirem Confirmation Sampling Plan (if applicable) - based upon the ap	propriets requirements of Subsection F of 10.15.17.13 NMAC		
Waste Material Sampling Plan - based upon the appropriate req	uirements of Subsection F of 19.15.17.13 NMAC		
Disposal Facility Name and Permit Number (for liquids, drilling	g fluids and drill cuttings or in case on-site closure standards cannot be achieved)		
Soil Cover Design - based upon the appropriate requirements of	Subsection H of 19.15.17.13 NMAC		
Re-vegetation Plan - based upon the appropriate requirements o	f Subsection I of 19.15.17.13 NMAC		
Site Reclamation Plan - based upon the appropriate requirement	ts of Subsection G of 19.15.17.13 NMAC		
Operator Application Certification:			
I hereby certify that the information submitted with this application is	true, accurate and complete to the best of my knowledge and belief.		
Name (Print): Debbie L. Caffall	Title: Regulatory Agent		
Signature: Cliffe May for Debbre Caffall	Date: 2/14/2088		
e-mail address: debbiec@ypcnm.com	Telephone: <u>575-748-4376</u>		
	•		
OCD Approval: Permit Application (including closure plan)	Closure Plan (only)		
OCD Approval: Permit Application (including closure plan)			
OCD Approval: Permit Application (including closure plan) OCD Representative Signature:			
OCD Representative Signature: Chris Welliam	Approval Date: 7/18/08		
OCD Representative Signature: Chris Welliam	Approval Date: 7/18/08  OCD Permit Number: P1 - 00172  Subsection K of 19.15.17.13 NMAC		
OCD Representative Signature: Chris Uslican Title: Dest. Supervisor	Approval Date: 7/18/08  OCD Permit Number: P1 - D0172		
OCD Representative Signature: Chief Usellians  Title: Dest. Surpervisor.  Closure Report (required within 60 days of closure completion):  Closure Method:	Approval Date: 7/B/08  OCD Permit Number: P1 - OO172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:		
OCD Representative Signature:	Approval Date: 7/B/08  OCD Permit Number: P1 - OO172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:		
OCD Representative Signature: Chief Usellians  Title: Dest. Surpervisor.  Closure Report (required within 60 days of closure completion):  Closure Method:	Approval Date: 7/B/08  OCD Permit Number: P1 - OO172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:		
OCD Representative Signature:	Approval Date: 7/B/08  OCD Permit Number: P1 - OO172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:		
OCD Representative Signature:  Closure Report (required within 60 days of closure completion):  Closure Method:  Waste Excavation and Removal On-Site Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the imark in the box, that the documents are attached.	Approval Date: 7/8/08  OCD Permit Number: P1 - D0172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:  Alternative Closure Method		
OCD Representative Signature:  Closure Report (required within 60 days of closure completion):  Closure Method:  Waste Excavation and Removal On-Site Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the mark in the box, that the documents are attached.  Proof of Closure Notice	Approval Date: 7/8/08  OCD Permit Number: P1 - D0172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:  Alternative Closure Method		
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OCD Representative Signature:    Closure Report (required within 60 days of closure completion):   Closure Method:   Waste Excavation and Removal   On-Site Closure Method   If different from approved plan, please explain.   Closure Report Attachment Checklist: Instructions: Each of the mark in the box, that the documents are attached.   Proof of Closure Notice   Proof of Deed Notice (if applicable)   Plot Plan	Approval Date: 7/8/08  OCD Permit Number: P1 - D0172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:  Alternative Closure Method		
OCD Representative Signature:    Closure Report (required within 60 days of closure completion):    Closure Method:   Waste Excavation and Removal   On-Site Closure Method   If different from approved plan, please explain.    Closure Report Attachment Checklist: Instructions: Each of the mark in the box, that the documents are attached.   Proof of Closure Notice   Proof of Deed Notice (if applicable)   Plot Plan   Confirmation Sampling Analytical Results	Approval Date: 7/8/08  OCD Permit Number: P1 - D0172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:  Alternative Closure Method		
OCD Representative Signature:    Closure Report (required within 60 days of closure completion):    Closure Method:   Waste Excavation and Removal   On-Site Closure Method   If different from approved plan, please explain.    Closure Report Attachment Checklist: Instructions: Each of the plants in the box, that the documents are attached.   Proof of Closure Notice   Proof of Deed Notice (if applicable)   Plot Plan   Confirmation Sampling Analytical Results   Waste Material Sampling Analytical Results	Approval Date: 7/8/08  OCD Permit Number: P1 - D0172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:  Alternative Closure Method		
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Title:	Approval Date: 7/8/08  OCD Permit Number: P1 - D0172  Subsection K of 19.15.17.13 NMAC  Closure Completion Date:  Alternative Closure Method		
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Closure Report (required within 60 days of closure completion):  Closure Method:  Waste Excavation and Removal On-Site Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the imark in the box, that the documents are attached.  Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude  Operator Closure Certification: I hereby certify that the information and attachments submitted with the	Approval Date:		
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Closure Report (required within 60 days of closure completion):  Closure Method:  Waste Excavation and Removal On-Site Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the imark in the box, that the documents are attached.  Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude  Operator Closure Certification: I hereby certify that the information and attachments submitted with the	Approval Date: 7/8/08  OCD Permit Number: P1 - DO172  Subsection K of 19.15.17.13 NMAC Closure Completion Date: Alternative Closure Method  following items must be attached to the closure report. Please indicate, by a check  Longitude NAD: 1927 1983  his closure report is true, accurate and complete to the best of my knowledge and are requirements and conditions specified in the approved closure plan.		
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Closure Report (required within 60 days of closure completion):  Closure Method:  Waste Excavation and Removal On-Site Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the imark in the box, that the documents are attached.  Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude  Operator Closure Certification: I hereby certify that the information and attachments submitted with the belief. I also certify that the closure complies with all applicable closure	Approval Date: 7/8/08  OCD Permit Number: P1 - DO172  Subsection K of 19.15.17.13 NMAC Closure Completion Date: Alternative Closure Method  following items must be attached to the closure report. Please indicate, by a check  Longitude NAD: 1927 1983  his closure report is true, accurate and complete to the best of my knowledge and are requirements and conditions specified in the approved closure plan.  Title:		

#### Exhibit "A"

Monkey BIZ State Com #3 660' FSL and 660' FWL Section 21, T16S-R32E Lea County, New Mexico

Our Regulatory Agent has been on site and location shows no sign to be prone to flooding.

Regulatory Agent

7-14-2008

Date

### New Mexico Office of the State Engineer POD Reports and Downloads

Township: 16S Range: 32E Sections: 21	
NAD27 X: Zone: Search Radius:	
County: LE Basin: Number: Suffix:	
Owner Name: (First) (Last) Onn-Domestic Omestic	
POD / Surface Data Report Avg Depth to Water Report  Water Column Report	
Clear Form iWATERS Menu Help	

#### AVERAGE DEPTH OF WATER REPORT 07/09/2008

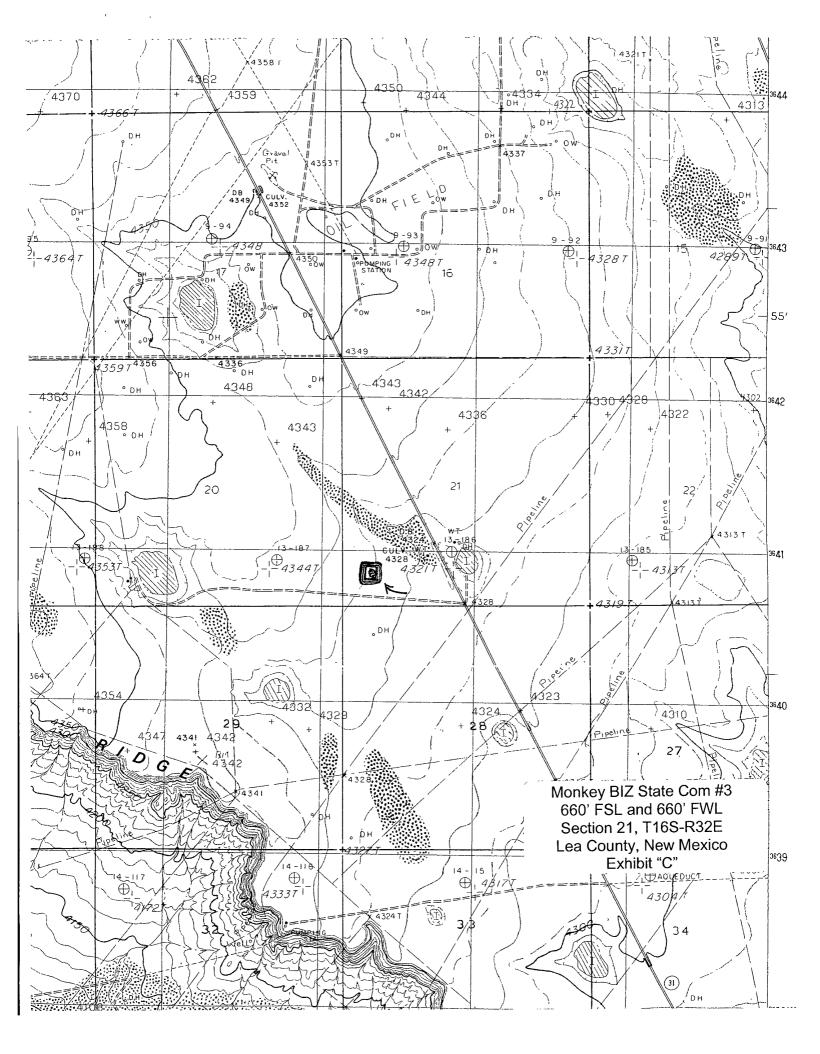
(Depth Water in Feet)

 Bsn
 Tws
 Rng
 Sec
 Zone
 X
 Y
 Wells
 Min
 Max
 Avg

 L
 16S
 32E
 21
 1
 210
 210
 210

Record Count: 1

Monkey BIZ State Com #3 660' FSL and 660' FWL Section 21, T16S-R32E Lea County, New Mexico Exhibit "B"



# Yates Petroleum Corporation Design Requirements For Temporary Reserve Pit

Sign posted on site / location or on the fence of reserve pit identifying the operator, listing their phone #, location of site by 1/4 / 1/4 or unit letter, and S-T-R.

Pit must be fenced to prevent unauthorized access. Fence must remain in good repair. Fence to be barbed wire, space at 1 foot intervals from 1' to 4' off ground.

Slope of the pit walls is no greater than two vertical feet to one horizontal foot.

Welded liner seams must run up & down the banks of the pit, not horizontally across them.

Field seams must be welded. # tested

Edges of the liner must be anchored in trenches at least 18 inches deep. Edge of liner will protrude from the outside edge of the trench.

Pit shall be designed to prevent to run on of surface water.

## Yates Petroleum Corporation Drilling Operations Requirements For Temporary Reserve Pit.

While the drilling rig is onsite, Operator's representative will inspect the temporary pit daily to ensure that the liner is intact, and that no releases are occurring.

Thereafter, the operator shall inspect at least once weekly as long as liquids remain in the temporary pit.

Operator will maintain a log of such inspections and make the log available to the appropriate NMOCD District office upon request.

A copy of the inspection log shall be filed with the NMOCD when operator closes the pit.

Operator must notify NMOCD if liner is damaged, and must repair or replace the damaged liner. Operator has 48 hours to notify NMOCD and make repairs.

NO HOLES in pit liners – not even in the part of the liner that is not in the reserve pit.

All drilling fluids to be removed from temporary pit within 30 days of rig release date

Hydrocarbon based drilling fluids will be stored in steel pits.

Liner -will be 20mil., string reinforced with welded seams.

Fluids to be added to pit through a header, diverter, or other hardware that prevents damage to liner by erosion, fluid jets, or impacts from installations and removal of hoses or pipes.

Operator shall have onsite an oil absorbent boom or other device to contain and remove oil from a pits surface.

Operator must maintain a freeboard of at least two feet for a temporary pit.

Pit will be bermed to prevent run on of water into the pit.

#### **Closure Procedure For Temporary Drilling Pits**

- 1. De-water pit within 30 days of rig release.
- 2. Weekly inspection of fluid level in drilling pit after rig release date until fluids are removed. Weekly levels will be recorded in a log to be submitted to the appropriate OCD district office at time of pit closure.
- 3. All removed pit fluids will be disposed of in an OCD approved manner at one of the listed OCD approved disposal facilities.

Disposal Facility: Gandy Marley

Disposal Facility Permit Number: NM-01-0019

- 4. If fluids are reclaimed the appropriate OCD district office will be contacted beforehand for approval to do so.
- 5. Within 6 months of the rig release date and after the removal of all free liquids from the temporary drilling pit, the surface owner will be notified by certified mail, return receipt requested that the operator will close the pit. OCD division office will be notified verbally that waste excavation and removal will begin.
- 6. All impacted contents of the temporary drilling pit will be stabilized by mixing of dry non-waste containing earthen material so that such material will pass a paint filter test.
- 7. All stabilized pit contents, including the synthetic pit liner will be loaded into trucks and transferred to the division-approved facility listed below for proper disposal.

**Disposal Facility: Gandy Marley** 

Disposal Facility Permit Number: NM-01-0019

8. Once all visually impacted materials have been removed from the temporary drilling pit, testing and analyzing of the soils beneath the pit will be conducted in accordance with 19.15.17.13, B., 1(b) (i) or (ii) whichever is appropriate to determine if a release has occurred during utilization of the pit.

- 9. When analysis indicates that the soils within the pit area are within the recommended actions levels backfilling will begin.
- 10. Backfill material will consist of non-waste containing earthen material. The cleaned out drilling pit will be filled with such material to a level which shall allow space for the addition of topsoil which will be equal to the thickness of the background topsoil or one foot whichever is greater as directed in 19.15.17.13, H (1) NMAC.
- 11. The topsoil cover will be placed on to the drilling pit area in a manner of existing grade and will prevent ponding of water and erosion of the cover material.
- 12. Within 60 days of closure completion a closure report on form C-144 will be submitted to the appropriate district office. The report will contain detailed information on the backfilling, capping. The closure report will also include a plat of the closed pit location on a form C-105.
- 13. Within the first growing season after the approved pit closure seeding of the pit area shall occur. The seeding will be performed in accordance with 19.15.17.13, I, (2) (3) (4) (5).

MARTIN YATES, III

FRANK W YATES



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

S.P. YATES

JOHN A. YATES CHAIRMAN OF THE BOARD

FRANK YATES, JR.

PEYTON YATES

JOHN A. YATES, JR

July 14, 2008

Oil Conservation Division 1625 N. French Drive Hobbs, NM 88240 ACCEMBE 1111 15 2000 LAPPS OCE

RE: **C-144** 

Monkey BIZ State Com #1 Section 21, T16S-R32E Lea County, New Mexico

To Whom It May Concern:

Enclosed please find two copies of the C-144 with attachments for the above referenced well.

Should you have any questions please contact Debbie L. Caffall at (575) 748-4376.

Thank you.

YATES PETROLEUM CORPORATION

Monti Sanders Regulatory Tech

/ms

Enclosure(s)