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

REGIONAL State of New Mexico Resources Department

MAR 1 2011 Conservation Division HOBBSOODSouth St. Francis Dr. Santa Fe, NM 87505 For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application

below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, cleaning to the submit of the	r-grade tank, or proposed alternative method g permitted or non-permitted pit, closed-loop system, seed-loop system, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operation of the operator of its responsibility to comply with any other operator.	erations result in pollution of surface water, ground water or the er applicable governmental authority's rules, regulations or ordinances.
Operator: Mewbourne Oil Co.	OGRID #:14744
Address: P.O. Box 5270, Hobbs, NM 88241	
Facility or well name: White Wing "3" St. Com. #1	A1 C11
API Number: 30-025-39359 OCD Permit N	umber: <u>11-00466</u>
U/L or Qtr/Qtr D/Lot Section 3 Township 21S Range	35E County: Lea
Center of Proposed Design: Latitude N 32°31'13" Longitude WI	<u>03°21'41"</u> NAD: ⊠1927 □ 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment	
☑ Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: ☑ Drilling ☐ Workover ☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☑ Lined ☐ Unlined Liner type: Thickness	
Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume:	nd automatic overflow shut-off
s. Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Form C-144 Oil Conservation Division	

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet	pospital,
Alternate. Please specify	
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other Monthly inspections (If netting or screening is not physically feasible)	
8. Signs: Subsection C of 19.15.17.11 NMAC ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers ☐ Signed in compliance with 19.15.3.103 NMAC	
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. 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 of consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for
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 accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dryitabove-grade tanks associated with a closed-loop system.	oriate district oproval. ng pads or
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 ☐ 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	☐ 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 ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC ☐ Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - 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: 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 (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only 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 (Please complete Boxes 14 through 18, if applicable) - 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:
Previously Approved Operating and Maintenance Plan API Number:(Applies only to closed-loop system that use
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
Permanent Pits Permit Application 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 - 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 Quality 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 ₂ S, Prevention Plan Oil Field Waste Stream Characterization Monitoring and Inspection 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 Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: Drilling Workover Emergency Cavitation P&A 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 consideration)
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: 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. □ 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 □ Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.1 Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if	D NMAC) more than two			
facilities are required. Disposal Facility Name: Disposal Facility Permit Number:				
Bisposar Latine, Trainer				
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future ser Yes (If yes, please provide the information below) No	vice and operations:			
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC				
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.				
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	☐ Yes ⊠ No ☐ NA			
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells				
Ground water is more than 100 feet below the bottom of the buried waste. - 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. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No			
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; 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	☐ Yes ⊠ No			
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: 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 requirements of Subsection F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC 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 Waste Material Sampling Plan - 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 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 of Subsection G of 19.15.17.13 NMAC				

Operator Application Certification: I hereby certify that the information subm	itted with this application i	s true, accurate and complete to	the best of my knowledge and belief.	
Name (Print): Charles Martin		Title: <u>Er</u>	gineer	
Signature: Chul J. Ma.	tui	Date:	2/26/09	
e-mail address: <u>cmartin@mewbour</u>	ne.com	Telephone:	(575) 393-5905	
20. OCD Approval: ☑ Permit Application	(including closure plan)	Closure Plan (only) OC	D Conditions (see attachment)	
OCD Representative Signature:	OCD Representative Signature: Scriff rey Letries OCD Permit Number: P1-00966			
Title: Environmental En	gineer	OCD Permit Nu	mber: 41-00966	
21. Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.				
		☐ Closure Co	mpletion Date:	
22. Closure Method: Waste Excavation and Removal If different from approved plan, please		☐ Alternative Closure Metho	od Waste Removal (Closed-loop systems only)	
23. Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than				
two facilities were utilized. Disposal Facility Name:		Disposal Facility	Permit Number:	
			Permit Number:	
Disposal Facility Name:	. 1 i-t- d tivition more	-	ot be used for future service and operations?	
Yes (If yes, please demonstrate con	apliance to the items below) ∐ No	of the discussion statute service and operations.	
Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique				
		following items must be attack	ned to the closure report. Please indicate, by a check	
Closure Report Attachment Checklist: mark in the box, that the documents are	_instructions: Each of the attached	jouowing items musi be aitach	eu to the closure report. I teuse thucute, by a check	
☐ Proof of Closure Notice (surface ov	vner and division)			
Proof of Deed Notice (required for	on-site closure)			
Plot Plan (for on-site closures and t Confirmation Sampling Analytical	emporary pits) Results (if applicable)			
☐ Confirmation Sampling Analytical☐ Waste Material Sampling Analytical☐	al Results (required for on-	site closure)		
☐ Disposal Facility Name and Permit	Number	,		
Soil Backfilling and Cover Installar				
Re-vegetation Application Rates ar Site Reclamation (Photo Document				
On-site Closure Location: Latitude	2	Longitude	NAD: □1927 □ 1983	
25.				
Operator Closure Certification:				
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.				
Name (Print): <u>Charles Martin</u>			ngineer	
Signature:		Date:		
e-mail address: <u>cmartin@mewbourne.</u>	com	Telephone:	(575) 393-5905	

On-Site Closure Plan

- Siting Criteria: See attachments.
- Proof of Surface Owner Notice: See attached certified mail receipt and letter.
- Construction/Design Plan of Temporary Pit: See attachment.
- Sampling Plan: In compliance with Subsection F of 19.15.17.13 NMAC a five point composite sample will be taken from the pit contents.
- Soil Cover Design: In compliance with Subsection H of 19.15.17.13 NMAC; three feet of native material will be placed over the pit area with one foot of top soil to ensure re-vegetation.
- Re-vegetation Plan: In compliance with Subsection I of 19.15.17.13 NMAC, any portion of the pit area not used for future service or operations will be re-seeded with a native vegetation of leasee's choice.
- **Site Reclamation Plan:** In compliance with Subsection I of 19.15.17.13 NMAC the impacted and disturbed area will be re-contoured to surrounding terrain.
- Marker: A marker will be placed over the buried material. The permanent marker will have all required information permanently listed on it.
- **Deed:** This well is on state land and is not deeded.

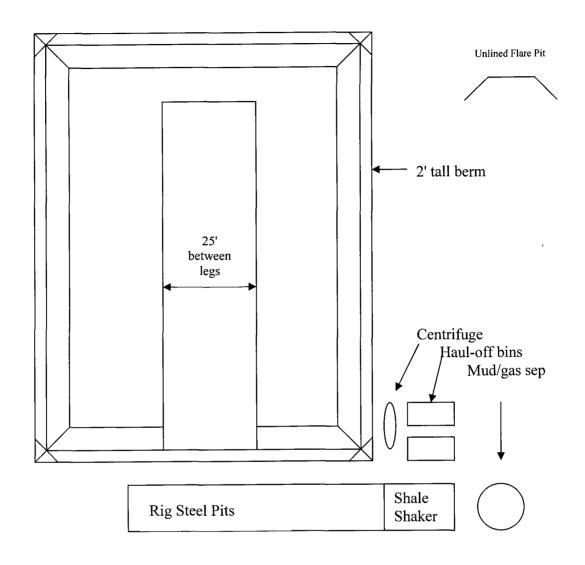
Temporary Pit Operating and Maintenance and Closure Plan

Temporary pit will be built in a single horse shoe as shown in the attached drawing. The pit will only be utilized for "fresh" water-based fluids. Brine water fluids will be hauled off location and disposed of in an approved facility. Drilling cuttings in the high chloride sections of the well will collect in haul-off bins and will be disposed at either Lea Land or CRI. Drilling cuttings in the low chloride sections of the well will collect in the temporary pit. The temporary pit will be dewatered. Drill cuttings will be solidified with native soil at a ratio not exceeding 3:1 and solids will be buried in place.

Contingency-

If the pit cannot be buried in place due to lab results, a burial trench will be constructed. The trench will measure approximately 150' x 40' x 25' deep. It will be lined w/ 20 mil string reinforced LLDPE plastic. If the temporary pit does not meet the required specifications to bury on site, material will be disposed of at Lea Land Farm or CRI.

Temporary Pit Design and Construction



Pit Dimensions:

Peak Width: 85'. Floor Width: 30' each leg.

Peak Length: 120' Floor Length: 96'

Floor is 12' below GL.

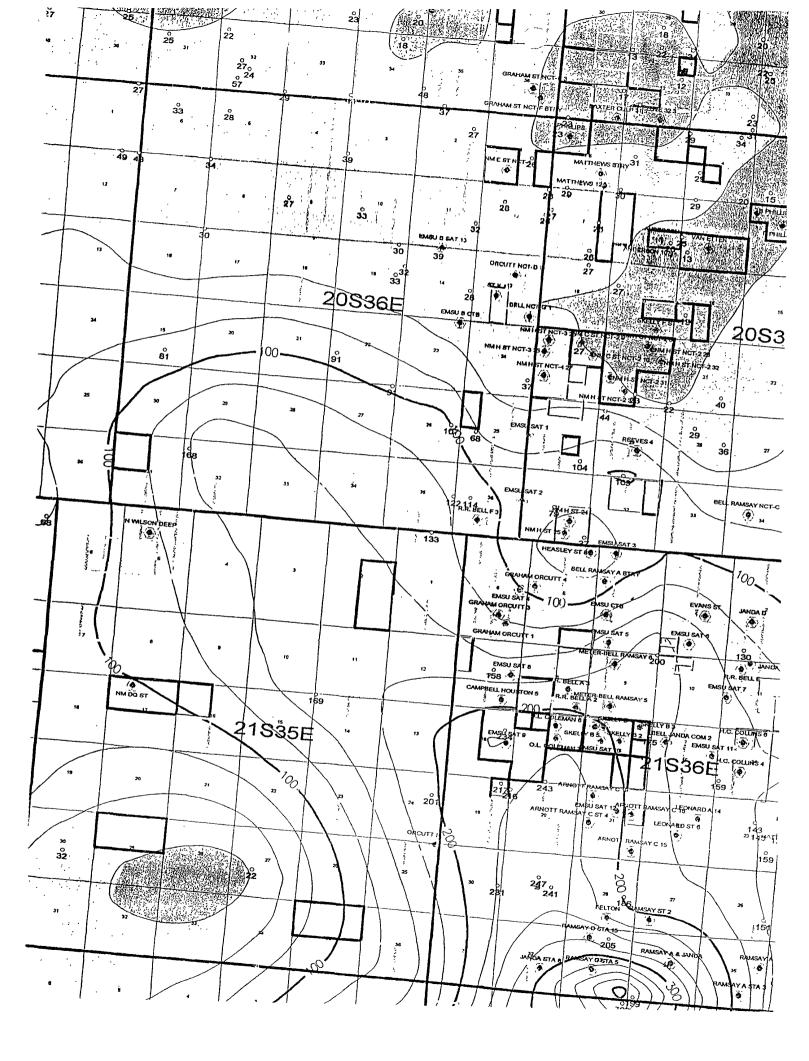
Perimeter berm is 2' above GL.

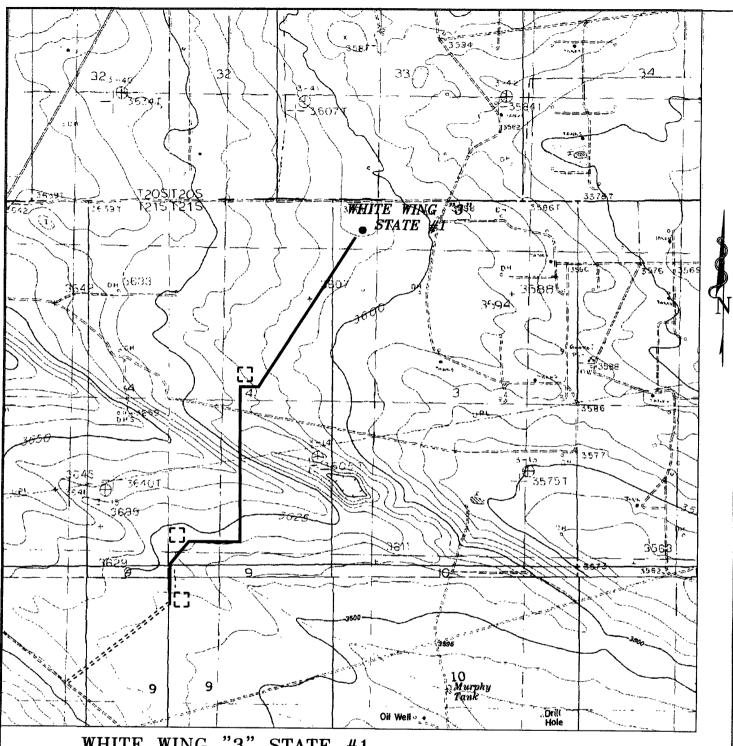
All walls are built with less than 2:1 slope. End of legs near steel pits 2:1 slope.

Pit is fenced on 3 sides with barbed wire before & during drilling operations. Fourth side will be installed after drilling operations are completed.

Pit is lined with 20 mil string reinforced LLDPE installed with 18" anchor trench.

Approximate volume including 2' freeboard: 16,000 bbl.





WHITE WING "3" STATE #1
Located 660' FNL and 660' FWL
Section 3, Township 21 South, Range 35 East,
N.M.P.M., Lea County, New Mexico.



P.O. Box 1786 1120 N. West County Rd. Hobbs, New Mexico 88241 (505) 393-7316 - Office (505) 392-3074 - Fax basinsurveys.com W.O. Number: 20141 JMS

Survey Date: 07-18-2008

Scale: 1" = 2000'

Date: 07-21-2008

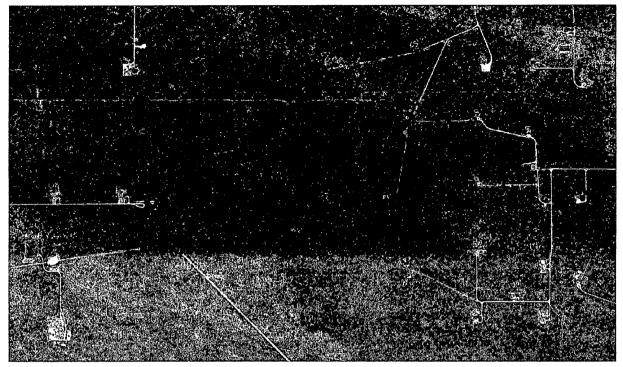
MEWBOURNE OIL CO. On the 18th day of July, 2008 Mewbourne Oil Co. visually inspected the White Wing "3" St. Com #1 location in Unit Letter D of Sec 3, T21S, R35E, of Lea County, NM.

This is to certify that upon visual inspection of the above mentioned location there are no permanent residences, schools, hospitals, institutions or churches within 300 feet. The location is not within 500 feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, nor within 1000 horizontal feet of any other fresh water well or spring, nor within 500 feet of a wetland, nor within 300 feet of a continuously flowing water course, nor within 200 feet of any other significant watercourse or lakebed, sinkhole or playa lake (measured from the ordinary high-water mark).

Signature:	Charles I	Mark	Date:	02/26/2009
Signature:	Consider L	1 Cartin	Date	<u> </u>

Google Maps Page 1 of 1





MEWBOURNE OIL COMPANY 701 S. CECIL PO BOX 5270 HOBBS, NM 88240 (575) 393-5905 (575) 397-6252 FAX

February 26, 2009

Commissioner Patrick H. Lyons 310 Old Santa Fe Trail Santa Fe, NM 87504

Dear Mr. Lyons:

This letter is to inform the surface owner that the well listed below may require a temporary pit to be constructed & closed, as required by the NMOCD, adjacent to the well site location.

Section 3 U.S. Postal Service ™ T21S, R35E CERTIFIED MAIL™ RECEIPT Lea Co., NM (Domestic Mail Only; No Insurance Coverage Provided) 3070 Thank you, Postage Charles & Martin Return Receipt Fee (Endorsement Required) Charles Martin Restricted Delivery Fee (Endorsement Required) 1140 USPS - Track & Confirm Total Postage & Fees UNITED STATES POSTAL SERVICE: 900

Track & Confirm

Search Results

Label/Receipt Number: 7008 1140 0001 3070 0738 Status: Delivered

Your item was delivered at 7:51 AM on March 3, 2009 in SANTA FE, NM 87504.

Additional Details > Return to USPS.com Home >

Track & Confirm

Enter Label/Receipt Number.

Go>