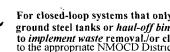
District I
1625 N French Dr , Hobbs, NM 88240
District H
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 8741 0
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources** 

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



For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal./or closure, submit to the appropriate NMOCD District Office

Form C-144 CLEZ

July 21, 2008

## Closed-Loop System Permit or Closure Plan Application

(that only above ground steel tanks or haul-off bins and propose to implement waste removal for closure)			
Type of action: Permit Closure			
Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form, C-	14.		
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordin	ances.		
Operator Mack Energy Corporation OGRID# 013837	_		
Address P.O. Box 960 Artesia, NM 88210-0960			
Facility or well name: Brantley Federal #4			
API Number 30-015-35954 OCD Permit Number			
U/L or Qtr/Qtr F Section 7 Township 17S Range 30E County Eddy			
Center of Proposed Design: Latitude Longitude NAD 1927 19	33		
Surface Owner: Federal State Tribal Trust or Indian Allotment			
Closed-loop System: Subsection H of 19.15.17.11 NAIAC			
Operation: Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)	A		
Above Ground Steel Tanks or Haul-off Bins			
Sign: 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			
Digited in compliance with 12/12/2010 Nation			
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			
Design Plan -based upon the appropriate requirements of 19.15.17.11 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 Box 5) - 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:			
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-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 cuttings. Use attachment if more than two facilities are required.			
Disposal Facility Name: Controlled Recovery Inc Disposal Facility Permit Number: NM-01-0006			
Disposal Facility Name: Disposal Facility Permit Number:			
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?  Yes (If yes, please provide the information below) No			
Required for impacted areas which will not he 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 G of 19.15.17.13 NMAC  Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC			
Site Reciamation Plan - based upon the appropriate requirements of Subsection G of 19.13.17.13 NMAC			
Site Reciamation Plan - based upon the appropriate requirements of Subsection G of 19.13.17.13 NMAC  Operator Application Certification:			
6			

e-mail address: jerrys@mackenergycorp.com

Form C-1 44 CLEZ

Telephone: <u>575-748-1288</u> Oil Conservation Division

Date: 1/30/2009

Page 1 of 2

OCD Approval: Permit Applies on (including closure plan) Closure Plan (only)		
OCD Representative Signature: TIM W. GUM	Approval Date: 2-2-09	
Title: DISTRICT II SUPERVISOR	OCD Permit Number: 020 9 7 /	
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 Completion Date:		
Closure Reports 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.  NM-01-0006		
Disposal Facility Name: Controlled Recovery Inc		
Disposal Facility Name: Disposal Facility Permit Number:  Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?  Yes (If yes, please demonstrate compliance to the items below) \( \bigcup \text{NO} \)		
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		
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):	Title:	
Signature:	Date:	
e-mail address:	Telephone:	

## Mack Energy Closed Loop System Design Plan

Equipment list,

- 2-414 Swaco Centrifuges
- 2-4 screen Mongoose shale shakers
- 2- CRI Bins with track system
- 2-500 BBL frac tanks for fresh water
- 2-500 BBL frac tanks for brine water

## Operations and Maintenance

Closed Loop equipment will be inspected daily by each tour and any necessary maintenance performed.

Any leak in system will be repaired and /or contained immediately.

OCD notified within 48 hours.

Remediation process started.

## Closure Plan

During drilling operations all liquids, drilling fluids and cuttings will be hauled off by CRI(Controlled Recovery Inc. Permit NM-01-0006).