# Cambrian Management, LTD<sup>-</sup>

# **Pit Closure Summary**

Renata 16 State Comm No. 001

API 30-015-35029

**Eddy County, New Mexico** 

GPS N32.30920 W-104.49810

Start date: 26Aug13

Finish date: 20ct13

### **Prepared By: Vernon K. Black**

H. S. E.

Hungry Horse, LLC

PO Box 1058

Hobbs, NM 88241

(575)-393-3386





# **Table of Contents**

1.0 Introduction	pg. 1
2.0 Area Description	pg. 1
3.0 Pit Closure Process	pg. 1
Overhead Satellite Photo of Pit Area	pg. 2

## **Attachments**

Attachment 1 – Proposed Closure Plan/C-144 with NM OCD Approval Attachment 2 – C-144 for Closure w/Supporting Documents and NM OCD Approval Attachment 3 – Initial and Final C-141's



#### 1.0 Introduction

This report addresses the closure of the drilling reserve pit at Cambrian Management's Renata 16 State Comm No. 1 well site. Regulatory documents, analytical results, and other supporting documents are included in this report. The project manager for Hungry Horse, LLC was Melecio Orozco.

#### 2.0 Area Description

The reclaimed pit location is in the Dark Canyon area of Eddy County, NM east of Dark Canyon Road off Red Juniper Road. The terrain and geology for the pit area is typical of the Dark Canyon area with hills and very rocky terrain. The topsoil in this area is approximately 1"-4" thick before turning to a very hard rocky type caliche. Vegetation in the area is primarily grease wood, a few mesquites, with sparse range grasses and yucca plants.

Based upon the Eddy County Depth to Groundwater Map, the depth to the ground water is greater than 150'. There is one water well approximately ¼ mile to the southeast of the pit location that is used for watering livestock. There are no known surface bodies of water within 1000' of this location.

#### 3.0 Pit Closure Process

This drilling reserve pit was closed using the Waste Excavation and Removal Method. Before excavation began, the pit was de-watered of all free-standing water. The walls of the pit were excavated and mixed with the remaining pit contents in order to solidify the contents for transportation. The pit walls and contents were excavated and transported to a division approved disposal facility for disposal. The bottom of the pit was then excavated to a depth of approximately 1.5' below the liner with this material being disposed of in the same manner.

Five sample points from the bottom of the pit, one from each corner and one from the middle, were selected for soil sampling. Soil samples were obtained from each sample point with a composite sample being created from equal parts of each of the individual samples. All six samples were transported under chain of custody to Cardinal Lab in Hobbs, NM for TPH, BTEX, and Chloride analysis. Lab results indicated all contaminant levels were below closure levels.

Lab results were presented to NM OCD's Mike Bratcher seeking closure approval. Closure approval was granted and the pit was backfilled using the material that had been stockpiled during pit construction. The impacted area was contoured to match the surrounding terrain and seeded using a custom seed mixture.



# Attachment 1

### HUNGRY HORSE, LLC ENVIRONMENTAL SERVICES

Dirt Work \* On-Site Remediation \* Soil Testing \* Excavation

21Feb13

To: Mike Bratcher, NM OCD District II Reference: Reserve Pit Closure Operator: Cambrian Management, LTD Location: Renata 16 State Comm No. 001 Legals: UL. A, Sec16, T23S, R24E Eddy County, NM GPS: N32.30920 W-104.49810

Dear Mr. Bratcher,

This Closure Plan is being submitted on behalf of Cambrian Management, LTD for the approval to close the drilling reserve pit at the above reference location. The point of contact for Cambrian Management is Mr. W. A. Baker, 432-557-0120. The location is in rural Eddy County, NM in the Dark Canyon area east of Dark Canyon Road (408) off Red Juniper Road. Enclosed in the submittal will be the C-144 and supporting documents.

#### **Protocols and Procedures**

The drilling reserve pit will be closed using the Waste Excavation and Removal Method. Based upon the Eddy County Depth to Ground Water Map, the depth to ground water is 225'. The pit will be excavated to a depth of 1' below the liner. All pit contents, to include the synthetic liner, will be thoroughly mixed as to solidify the mixture before loading for transport.

#### **Confirmation Sampling**

As per NMAC 19.15.17.13 B (1) (b) (ii), a five point composite sample will be obtained from the bottom of the pit and laboratory analysis conducted for BTEX, TPH (GRO/DRO), and Chlorides. Laboratory results will be presented to NM OCD's Mike Bratcher. Closure approval will be sought if contaminant levels are at or below closure limits. Should contaminant levels exceed the closure limits, guidance for continuation will be sought.

#### **Disposal Facility**

All contaminated soil excavated from the pit will be transported to a Lea Land, Inc, permit #131401.

## HUNGRY HORSE, LLC ENVIRONMENTAL SERVICES

#### Soil Backfill and Cover Design

Upon receipt of closure approval, the affected area will be backfilled using the stockpiled material that was stockpiled during pit construction.

#### **Re-vegetation Plan**

The affected area will be seeded with appropriate seed mixture for this geographical area.

#### **Site Reclamation Plan**

The affected area will be restored to the condition that existed prior to oil and gas operations. The affected area will be brought to grade and contoured to match the surrounding terrain.

Please feel free to contact me if you have any questions concerning this closure plan.

Vernon K. Black, Hungry Horse, LLC

cc. W. A. Baker, Cambrian Management, LTD

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio 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 Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-144 Revised August 1, 2011

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.

<u>Pit, Closed-Loop Sy</u> Proposed Alternative Metho	vstem, Below-Grade Tank d Permit or Closure Plan	, or Application
Type of action: Permit of a pit, closed-loop Closure of a pit, closed-loo Modification to an existing X Closure plan only submitted below-grade tank, or proposed alternative method	p system, below-grade tank, or prop op system, below-grade tank, or pro g permit d for an existing permitted or non-p od	posed alternative method posed alternative method ermitted pit, closed-loop system,
Instructions: Please submit one application (Form C-144) pe case be advised that approval of this request does not relieve the operator of vironment. Nor does approval relieve the operator of its responsibility to en-	r individual pit, closed-loop system, be f liability should operations result in pollu comply with any other applicable governm	low-grade tank or alternative request tion of surface water, ground water or the ental authority's rules, regulations or ordinances.
Derator: Cambrian Management LTD	OGRID #: <b>198688</b>	
Address: PO Box 272 Midrand, TX 79702		
Fachity of well name: Renata 16 State Comm No. 001		
(P1 Number: 30-015-35029	OCD Permit Number:	. 12.1.1
J/L or Qtr/Qtr A Section 16 Township 23	S Range 24E C	
Center of Proposed Design: Latitude N32.30920	Longitude W-104.49810	NAD: []1927 X 1983
auriace Owner: 📋 Federal X State 📋 Private 📋 Tribal Trust or India	n Allotment	
2. Y <u>Pit</u> : Subsection F or G of 19.15.17.11 NMAC 'emporary: X Drilling 🗌 Workover		OCT 2 4 2013
X Permanent 🗌 Emergency 🔲 Cavitation 🔲 P&A		
: Lined 🔲 Unlined Liner type: Thickness 20mit 🔲 LLDPE X F	HDPE 🔲 PVC 🛄 Other	ARTESIA
: String-Reinforced		
Liner Seams: 🗋 Welded 🔲 Factory X Other Stitched	Volume: 2000 bbl Dimension	s: L 125' x W 125' x D 8'
☐ Closed-loop System:       Subsection H of 19.15.17.11 NMAC         Type of Operation:       □ P&A       □ Drilling a new well       □ Workover or nent)         □ Drying Pad       □ Above Ground Steel Tanks       □ Haul-off Bins       □         □ Lined       □ Unlined       Liner type: Thickness      mil       □         iner Seams:       □ Welded       □ Factory       □ Other	Drilling (Applies to activities which red Other ] LLDPE HDPE PVC Othe	uire prior approval of a permit or notice of
<ul> <li>Below-grade tank: Subsection I of 19.15.17.11 NMAC</li> <li>olume:bbl_Type of fluid:</li> <li>Tank Construction material:</li> <li>Secondary containment with leak detection </li> <li>Visible sidewalls and liner </li> <li>Visible sidewalls only </li> <li>Other</li> </ul>	liner, 6-inch lift and automatic overflov	v shut-off
Liner type: Thicknessnil   HDPE  PVC	C [] Other	
Alternative Method:     ibmittal of an exception request is required. Exceptions must be subreased.	mitted to the Santa Fe Environmental B	ureau office for consideration of approval.

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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, hospital, institution or church)

] Four foot height, four strands of barbed wire evenly spaced between one and four feet

Alternate. Please specify

letting: 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)

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 19.15.16.8 NMAC

#### .dministrative Approvals and Exceptions:

astifications 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 office for onsideration of approval.

Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

#### iting Criteria (regarding permitting): 19.15.17.10 NMAC

istructions: 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 fice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. pplicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or pove-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
<ul> <li>Jithin 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).</li> <li>Topographic map: Visual inspection (certification) of the proposed site</li> </ul>	🗋 Yes 🗌 No
<ul> <li><i>(ithin 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</i></li> <li><i>(Applies to temporary, emergency, or cavitation pits and below-grade tanks)</i></li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	□ Yes □ No □ NA
<ul> <li>'ithin 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>, <i>lpplies to permanent pits</i>)</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	□ Yes □ No □ NA
ithin 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock stering 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
<ul> <li>ithin incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance opted pursuant to NMSA 1978, Section 3-27-3, as amended.</li> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> </ul>	🗌 Yes 🗌 No
ithin 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
<ul> <li>ithin an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	🗌 Yes 🗌 No
ahin a 100-year floodplain. - FEMA map	Yes No

Femporarv Pits. Emergency Pits, and Below-grade Tanks         Instructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructions: Each of the following items must be attached         Imstructionsere         Imstructions: Eac	S Permit Application Attachment to the application. Please indicate on the requirements of Paragraph - based upon the requirements of F on the appropriate requirements of of 19.15.17.11 NMAC opriate requirements of 19.15.17.1 applicable) - based upon the appro-	<u>Checklist</u> : Subsection B of 19.15.17.9 NMAC <i>e, by a check mark in the box, that the documents are</i> (4) of Subsection B of 19.15.17.9 NMAC 'aragraph (2) of Subsection B of 19.15.17.9 NMAC 19.15.17.10 NMAC 2 NMAC opriate requirements of Subsection C of 19.15.17.9 NMAC or Permit Number:
<ul> <li>2.</li> <li><u>Closed-loop Systems Permit Application Attachment Che</u> <i>Instructions: Each of the following items must be attached</i> <i>ittached.</i></li> <li>Geologic and Hydrogeologic Data (only for on-site clo Siting Criteria Compliance Demonstrations (only for o Design Plan - based upon the appropriate requirements</li> <li>Operating and Maintenance Plan - based upon the appi</li> <li>Closure Plan (Please complete Boxes 14 through 18, if and 19,15,17,13 NMAC</li> </ul>	<b>cklist:</b> Subsection B of 19.15.17. <i>to the application. Please indicat</i> osure) - based upon the requirement on-site closure) - based upon the apply s of 19.15.17.11 NMAC ropriate requirements of 19.15.17. f applicable) - based upon the appr	9 NMAC <i>ie, by a check mark in the box, that the documents are</i> ts of Paragraph (3) of Subsection B of 19.15.17.9 propriate requirements of 19.15.17.10 NMAC 12 NMAC opriate requirements of Subsection C of 19.15.17.9 NMAC
Previously Approved Design (attach conv of design)	API Number:	
Previously Approved Operating and Maintenance Plan	API Number:	(Applies only to closed-loop system that use
above ground steel tenks or head-off hins and propose to im-	lamant wasta ramoval for alowing)	
above ground steel tanks or national propose to imp	Temeni wasie removal jor closure)	
<ul> <li><u>Permanent Pits Permit Application Checklist</u>: Subsection</li> <li><u>Instructions: Each of the following items must be attached</u></li> <li>attached.</li> <li>Hydrogeologic Report - based upon the requirements of</li> <li>Siting Criteria Compliance Demonstrations - based upon</li> <li>Climatological Factors Assessment</li> <li>Certified Engineering Design Plans - based upon the appropriate re</li> <li>Liner Specifications and Structural Integrity Design - based</li> <li>Quality Control/Quality Assurance Construction and In</li> <li>Operating and Maintenance Plan - based upon the appropriate re</li> <li>Nuisance or Hazardous Odors, including H<sub>2</sub>S. Prevention</li> <li>Emergency Response Plan</li> <li>Oil Field Waste Stream Characterization</li> <li>Monitoring and Inspection Plan</li> <li>Erosion Control Plan</li> </ul>	an B of 19.15.17.9 NMAC to the application. Please indicate of Paragraph (1) of Subsection B of on the appropriate requirements of ppropriate requirements of 19.15.1 d upon the appropriate requirement quirements of 19.15.17.11 NMAC assed upon the appropriate requirer installation Plan ropriate requirements of 19.15.17.1 on the appropriate requirements of ion Plan	e, by a check mark in the box, that the documents are f 19.15.17.9 NMAC 19.15.17.10 NMAC 7.11 NMAC s of 19.15.17.11 NMAC nents of 19.15.17.11 NMAC 12 NMAC f 19.15.17.11 NMAC MAC and 19.15.17.13 NMAC
Toposed Closure:       19.15.17.13 NMAC         Instructions:       Please complete the applicable boxes, Boxes I         'ype:       X Drilling         Workover       Emergency         Alternative         .'roposed Closure Method:       X Waste Excavation and Removal         Waste Removal       Closed-loop         On-site Closure Method (Onl         In-place Burial         Alternative Closure Method (	14 through 18, in regards to the property of t	oposed closure plan.         Below-grade Tank       Closed-loop System         op systems)         be Santa Fo Environmental Burgan for consideration)
15.		
<ul> <li>Vaste Excavation and Removal Closure Plan Checklist: ( losure plan. Please indicate, by a check mark in the box, the X Protocols and Procedures - based upon the appropriate re X Confirmation Sampling Plan (if applicable) - based upon X Disposal Facility Name and Permit Number (for liquids, X Soil Backfill and Cover Design Specifications - based up X Re-vegetation Plan - based upon the appropriate required X Site Reclamation Plan - based upon the appropriate required</li> </ul>	(19.15.17.13 NMAC) Instructions that the documents are attached, equirements of 19.15.17.13 NMAC in the appropriate requirements of S drilling fluids and drill cuttings) pon the appropriate requirements of ments of Subsection I of 19.15.17, irrements of Subsection G of 19.15	: Each of the following items must be attached to the c ubsection F of 19.15.17.13 NMAC f Subsection H of 19.15.17.13 NMAC 13 NMAC

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1	Vaste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only nstructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Us facilities are required.	<u>(</u> : (19.15.17.13.D ie attachment if m	NMAC) nore than two
1	Disposal Facility Name: Disposal Facility Permit Number:		
	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 <i>will not</i> be us Yes (If yes, please provide the information below) No	ed for future serv	ice and operations?
ŀ	<ul> <li>Dequired for impacted areas which will not be used for future service and operations:</li> <li>Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection H of 19</li> <li>Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC</li> <li>Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC</li> </ul>	).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 rovided below. Requests regarding changes to certain siting criteria may require administrative approval from the onsidered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	f acceptable sourd appropriate distr f approval. Justif	ce material are ict office or may be fications and/or
	Fround 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	-	□ Yes □ No □ NA
	Fround 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 □ NA
	<ul> <li>/ithin 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sin ike (measured from the ordinary high-water mark).</li> <li>Topographic map: Visual inspection (certification) of the proposed site</li> </ul>	khole, or playa	🗌 Yes 🗌 No
	<ul> <li>'/ithin 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial ap</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	oplication.	🗌 Yes 🗌 No
	within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for dome watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of ini - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	stic or stock tial application.	🗌 Yes 🗌 No
	<ul> <li>/ithin incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal adopted pursuant to NMSA 1978, Section 3-27-3, as amended.</li> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> </ul>	pal ordinance	🗍 Yes 🗌 No
	/ithin 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the pr	oposed site	🗌 Yes 🗌 No
	'ithin the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division		🗌 Yes 🗌 No
	<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Society; Topographic map</li> </ul>	Geological	Ycs No
	ithin a 100-year floodplain. - FEMA map		Yes No
	<ul> <li>n-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached</li> <li>by a check mark in the box, that the documents are attached.</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC</li> <li>Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>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</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure</li> </ul>	to the closure pla C 11 NMAC juirements of 19.1 17.13 NMAC C re standards canne	on. Please indicate, 5.17.11 NMAC

Disposal racing Name and Perint Number (for requires, drining hulds and unit cuttings of in case on-site
 Soil Cover Design - based upon the appropriate requirements of Subsection I 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

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Derator Application Certification:	N
I hereby certify that the information submitted with this application is true, accurate	e and complete to the best of my knowledge and belief.
Name (Print): _ W. A. Baker II	Title: Engineer
Signature: WABaba I	Date: $\frac{Z/ZZ/13}{2}$
:-mail address: <u>Wbaker @ cambrian mgmt. com</u>	Telephone: 432-557-0120
20.         OCD Approval:       Permit Application (including closure plan)         Closure Plan	n (only) OCD Conditions (see attachment)
OCD Representative Signature:	Approval Date:
Title:	OCD Permit Number:
<u>Elosure Report (required within 60 days of closure completion)</u> : Subsection K <i>Instructions: Operators are required to obtain an approved closure plan prior to</i> <i>The closure report is required to be submitted to the division within 60 days of the</i> <i>section of the form until an approved closure plan has been obtained and the clos</i>	of 19.15.17.13 NMAC implementing any closure activities and submitting the closure report. c completion of the closure activities. Please do not complete this foure activities have been completed.
	Closure Completion Date:
<ul> <li><u>Stosure Method</u>:</li> <li>Waste Excavation and Removal On-Site Closure Method Alternation</li> <li>If different from approved plan, please explain.</li> </ul>	ve Closure Method 🔲 Waste Removal (Closed-loop systems only)
3. <u>Closure Report Regarding Waste Removal Closure For Closed-loop Systems T</u> <i>Instructions: Please indentify the facility or facilities for where the liquids, drillin</i> <i>two facilities were utilized.</i>	hat Utilize Above Ground Steel Tanks or Haul-off Bins Only: ag fluids and drill cuttings were disposed. Use attachment if more than
Disposal Facility Name:	Disposal Facility Permit Number:
Disposal Facility Name:	Disposal Facility Permit Number:
<ul> <li>Were the closed-loop system operations and associated activities performed on or ir</li> <li>Yes (If yes, please demonstrate compliance to the items below) No</li> </ul>	areas that will not be used for future service and operations?
Required for impacted areas which will not be used for future service and operation         Site Reclamation (Photo Documentation)         Soil Backfilling and Cover Installation         Re-vegetation Application Rates and Seeding Technique	15:
<ul> <li>24.</li> <li>Closure Report Attachment Checklist: Instructions: Each of the following iten nark in the box, that the documents are attached.</li> <li>Proof of Closure Notice (surface owner and division)</li> <li>Proof of Deed Notice (required for on-site closure)</li> <li>Plot Plan (for on-site closures and temporary pits)</li> <li>Confirmation Sampling Analytical Results (if applicable)</li> <li>Waste Material Sampling Analytical Results (required for on-site closure)</li> <li>Disposal Facility Name and Permit Number</li> <li>Soil Backfilling and Cover Installation</li> <li>Re-vegetation Application Rates and Seeding Technique</li> <li>Site Reclamation (Photo Documentation)</li> <li>On-site Closure Location: Latinude</li> </ul>	is must be attached to the closure report. Please indicate, by a check
	с N/IJ: Ц1927 Ц 1983
<u>Prerator Closure Certification</u> : hereby certify that the information and attachments submitted with this closure rep belief. I also certify that the closure complies with all applicable closure requirement	ort is true, accurate and complete to the best of my knowledge and its and conditions specified in the approved closure plan.
lame (Print):	Title:
Signature:	Date:
mail address:	Telephone:

,	N11	7 °		11	i''s	•	•	•	





## Vernon Black

From: Sent: To:	Bratcher, Mike, EMNRD [mike.bratcher@state.nm.us] Monday, August 26, 2013 9:50 AM Vernon Black
Subject:	RE: Emailing: Cambrian Mgmt Renata 16 State Comm No. 001 C144 & Work Plan.pdf
Vernon,	
I hope I haven't held	you up on this. You are approved to commence closure ops.
Mike Bratcher	
NMOCD District 2	
Antocia NM 99210	
0: 575-748-1283 X108	
C: 575-626-0857	
F: 575-748-9720	
Original Message	·
From: Vernon Black [m	ailto:VBlack@Hungry-Horse.com]
Sent: Saturday, Augus	t 17, 2013 8:09 AM
IO: Bratcher, Mike, E	MNKU 1. Combinian Mant Banata 16 Stata Comm No. 001 C144 & Work Blan ndf
Subject. Fw. Emailing	
Hello Mike,	
I think our foreman i to get started?	s getting ready to move onto this job in the next few days. Are we clear
Vernon	
Original Message	
From: Vernon Black	
Sent: Tuesday, August	06, 2013 4:32 PM
Subject: Emailing: Ca	mbrian Mgmt Renata 16 State Comm No. 001 C144 & Work Plan.pdf
Good Evening Mike,	
I appreciate you taki Closure Work Plan for with the closure proc informed of our progr	ng the time to meet with me this morning to discuss the C144 and the the above referenced location. With your approval, we'll get started ess as outlined in the attached documents. As always, I'll keep you ess.
Thanks,	
Vernon K. Black	
Hungry Horse, LLC	
PU BOX 1058	
575 393 3386 office	
575 631 2253 cell	

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# Attachment 2