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

## State of New Mexico **Energy Minerals and Natural Resources** Department Oil Conservation Division 1220 South 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

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Type of action: Permit of a pit, closed-loop sylling of a pit, clo	ystem, below-grade tank, or proposed alternative method system, below-grade tank, or proposed alternative method detailed by the control of t
Please be advised that approval of this request does not relieve the operator of lia	
	ply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Energen Resources Corporation	OGRID#: 162928 RCVD JUL 25 '08
Address: 2010 Afton Place, Farmington, New Mexico 87401	OIL CONS. DIV.
Facility or well name: Riddle B #224	
API Number: 30-045-27077 O	
U/L or Qtr/Qtr I Section 27 Township :	
	Longitude 107.86535 NAD: □1927 ⊠ 1983
Surface Owner: Federal State Private Tribal Trust or Indian	<del>-</del>
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: Thickness mil	☐ Other
Other String-Reinforced	Seams: Welded Factory Other
Seams:  Welded  Factory Other	Volume: <u>265</u> bbl <u>165</u> yd³
Volume: bbl Dimensions: L x W x D	Dimensions: Length 40 x Width 12
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
☐ 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
Lincr type: Thickness mil  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.
	Please check a box if one or more of the following is requested, if not leave
123456	blank:
	Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for
BECENTED 3	consideration of approval.
27 NLO 21	Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.
[2 <b>557</b> 2008	
Form Glad OIL CONS. DIV. DIST. 3 6 Oil Cons	ervation Division Page 1 of 4
RECENTED TO THE CONS. DIV. DIST. 3 CONS. DIV. DIST.	•
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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 ☐ 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	
<ul> <li>Within 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	
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 - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC		
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	
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the do attached.	cuments are
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	i
Liner Specifications and Compatibility Assessment - 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 <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	1
Type: Drilling Workover Emergency Cavitation Permanent Pit Below-grade Tank Closed-loop System	J 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	sideration)
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.	☐ Yes ☐ No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	□ NA
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
Ground water is more than 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
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	
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.	☐ Yes ☐ No
- 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	
<ul> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	☐ Yes ☐ No
	<b>—</b> — — —
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.	☐ Yes ☐ No

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	attached to the
closure plan. Please indicate, by a check mark in the box, that the documents are attached.	
<ul> <li>✓ Protocols and Procedures - 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> </ul>	
☑ 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 I of 19.15.17.13 NMAC	
Site Reclamation Plan - based upon the appropriate requirements of Subsection 1 of 19.15.17.13 NMAC	
Waste Removal Closure For Closed-loop Systems That Utilize Haul-off Bins Only: (19.15.17.13.D NMAC) Instructions: Please is	indantify the facility
or facilities for the disposal of liquids, drilling fluids and drill cuttings.	inaenity ine jucility
Disposal Facility Name: Auga Moss / Envirotech Disposal Facility Permit Number: NM-01-06	0011
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan	
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 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 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	
<ul> <li>☐ Waste Material Sampling Plan - 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 standards cannot be considered as a considered considered as a considered considered as a considered considered as a considered co</li></ul>	not be achieved)
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	not oc acmevea)
☐ 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	
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 beli	lief.
Name (Print): Kirt Sayder Title: District Engineer	
761/20	
Signature: Date: Date:	
e-mail address: ksnyder@energen.com Telephone: (505) 793-7614	
OCD Approval: Permit Application (including closure plan) Closure Plan (only)	
	1.08
OCD Approval: Permit Application (including closure plan) Closure Plan (only)  OCD Representative Signature: B. L. G. L. Approval Date: 8-4.	1-08
OCD Representative Signature: BABBL Approval Date: 8-4.	1-08
OCD Representative Signature: BABBL Approval Date: 8-4.  Title: Enviro Spec OCD Permit Number:	1-08
OCD Representative Signature: Bala Sell Approval Date: 8-4.  Title: Enviro 3pex OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC	1-08
OCD Representative Signature: Bld Sell Approval Date: 8-4.  Title: Enviro Spec OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Completion Date:	1-08
OCD Representative Signature: Bld Sell Approval Date: 8-4.  Title: Enviro Spec OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Method:	1-08
OCD Representative Signature: Bld Sell Approval Date: 8-4.  Title: Enviro Spec OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Completion Date:	1-08
OCD Representative Signature: Bleff Spec OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Method:  Waste Excavation and Removal On-Site Closure Method  If different from approved plan, please explain.	
OCD Representative Signature: Block OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Method:  Waste Excavation and Removal On-Site Closure Method Alternative Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached.	
OCD Representative Signature: Block OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Method:  Waste Excavation and Removal On-Site Closure Method Alternative Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached.  Proof of Closure Notice	
OCD Representative Signature: Block OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Method:  Waste Excavation and Removal On-Site Closure Method Alternative Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached.  Proof of Closure Notice  Proof of Deed Notice (if applicable)	
OCD Representative Signature: Block OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Method:  Waste Excavation and Removal On-Site Closure Method Alternative Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached.  Proof of Closure Notice	
OCD Representative Signature: Blook   Spect   OCD Permit Number:   Subsection K of 19.15.17.13 NMAC   Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC   Closure Completion Date:   Closure Method:   Alternative Closure Method   Alternative Closure Method   If different from approved plan, please explain.   Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in 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   Waste Material Sampling Analytical Results	
OCD Representative Signature: Blook Spect OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Method:  Waste Excavation and Removal On-Site Closure Method Alternative Closure Method  If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in 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 Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number	
OCD Representative Signature:	
OCD Representative Signature:    Sect	
OCD Representative Signature:	ndicate, by a check
OCD Representative Signature: Blook Sell Sell OCD Permit Number:    Title:   Enviro   Spec   OCD Permit Number:	ndicate, by a check
OCD Representative Signature: Ball Gall Approval Date: 8-4.  Title: Enviro Spect OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Method:  Waste Excavation and Removal On-Site Closure Method Alternative Closure Method If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached.  Proof of Closure Notice (if applicable) Plot Plan  Confirmation Sampling Analytical Results  Waste Material Sampling Analytical Results  Soil Backfilling and Cover Installation Re-evegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Longitude NAD: 1927  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	ndicate, by a check
OCD Representative Signature: Blook Sell Sell OCD Permit Number:    Title:   Enviro   Spec   OCD Permit Number:	ndicate, by a check
OCD Representative Signature: Ball Gall Approval Date: 8-4.  Title: Enviro Spect OCD Permit Number:  Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Closure Method:  Waste Excavation and Removal On-Site Closure Method Alternative Closure Method If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached.  Proof of Closure Notice (if applicable) Plot Plan  Confirmation Sampling Analytical Results  Waste Material Sampling Analytical Results  Soil Backfilling and Cover Installation Re-evegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Longitude NAD: 1927  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	ndicate, by a check  17
OCD Representative Signature: Ball Gall   Subsection   Su	ndicate, by a check  17
OCD Representative Signature: Ball Gall Approval Date: 8-4.  Title: Four Spect OCD Permit Number: Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Closure Method: Alternative Closure Method Alternative Closure Method If different from approved plan, please explain.  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in 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 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 Longitude NAD: 1927  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 belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure	ndicate, by a check  17

#### Closed-loop Design Plan:

Our closed loop system will not entail a drying pad, temporary pit, below grade tank or sump. It will entail an above ground tank suitable for holding the cuttings and fluids for rig operations. The tank will be of sufficient volume to maintain a safe free board between disposal of the liquids and solids from rig operations.

- 1) Fencing is not required for an above ground closed-loop system.
- 2) It will be signed in compliance with 19.15.3.103 NMAC.
- 3) A frac tank will be on location to store fresh water.

#### **Closed-loop Operating and Maintenance Plan:**

The closed-loop tank will be operated and maintained; to contain liquids and solids, to aid in the prevention of contamination of fresh water sources, in order to protect public health and the environment. To attain this goal the following steps will be followed:

- 1) The liquids will be vacuumed out and disposed of at the Agua Moss Pretty Lady #1 facility (Disposal API Number 30-048-30922). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit Number NM-01-0011) on a periodic basis to prevent over topping.
- 2) No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank. Only fluids or cuttings used or generated by rig operations will be placed or stored in the tank.
- 3) The division district office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop tank. Upon the discovery of the compromised tank, repairs will be enacted immediately.
- 4) All of the above operations will be inspected and a log will be signed and dated. During rig operations the inspection will be daily.

## Closed-loop Closure Plan:

The closed loop tank will be closed in accordance with 19.15.17.13. This will be done by transporting cuttings and all remaining sludge to Envirotech (Permit Number NM-01-0011) following rig operations. All remaining liquids will be transported and disposed of in the Agua Moss Pretty Lady #1 facility (Disposal API number 30-048-30922). The tanks will be removed from the location as part of the rig move. At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible.

### **Closed-loop Completion:**

A closed-loop tank will be set on location once drilling operations have ceased. The closed-loop tank will measure 20 ft height by 12 ft diameter (400 BBL) or 20 ft height by 10 ft 6 in diameter (300 BLL). It will be designed, operated, maintained and closed according to the attached Closed-loop Design Plan, Closed-loop Operating and Maintenance Plan, and Closed-loop Closure Plan.

Kirt Snyder
District Engineer
Energen Resources
MSahr 8/28/2008