

July 21, 2008

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.

2672 Pit, Closed-Loop System, Below-Grade Tank, or  
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  
☐ Modification to an existing permit  
☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

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 ordinances.

1 Operator: Energen Resources Corporation OGRID #: 162928  
Address: 2010 Afton Place, Farmington, NM 87401  
Facility or well name: Gordon A #2E  
API Number: 30-045-34811 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr H Section 24 Township 27N Range 10W County: San Juan  
Center of Proposed Design: Latitude 36.56281 N Longitude 107.84130 W NAD: ☐ 1927 ☒ 1983  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2 ☒ Pit: Subsection F or G of 19.15.17.11 NMAC  
Temporary: ☒ Drilling ☐ Workover  
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A  
☒ Lined ☐ Unlined Liner type: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
☒ String-Reinforced  
Liner Seams: ☐ Welded ☒ Factory ☐ Other \_\_\_\_\_ Volume: 1000 bbl Dimensions: L 100 x W 55 x D 10

RCVD JUL 23 '08  
OIL CONS. DIV.  
DIST. 3

3 ☐ Closed-loop System: Subsection H of 19.15.17.11 NMAC  
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other \_\_\_\_\_  
☐ Lined ☐ Unlined Liner type: Thickness \_\_\_\_\_ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
Liner Seams: ☐ Welded ☐ Factory ☐ Other \_\_\_\_\_

4 ☐ Below-grade tank: Subsection I of 19.15.17.11 NMAC  
Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Tank Construction material: \_\_\_\_\_  
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off  
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other \_\_\_\_\_  
Liner type: Thickness \_\_\_\_\_ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_

5 ☐ Alternative Method:  
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

6	<p><b>Fencing:</b> Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)</p> <p><input type="checkbox"/> Chain link, six feet in height, two strands of barbed wire at top (<i>Required if located within 1000 feet of a permanent residence, school, hospital, institution or church</i>)</p> <p><input type="checkbox"/> Four foot height, four strands of barbed wire evenly spaced between one and four feet</p> <p><input type="checkbox"/> Alternate. Please specify _____</p>																				
7	<p><b>Netting:</b> Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)</p> <p><input type="checkbox"/> Screen <input type="checkbox"/> Netting <input type="checkbox"/> Other</p> <p><input type="checkbox"/> Monthly inspections (If netting or screening is not physically feasible)</p>																				
8	<p><b>Signs:</b> Subsection C of 19.15.17.11 NMAC</p> <p><input type="checkbox"/> 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers</p> <p><input type="checkbox"/> Signed in compliance with 19.15.3.103 NMAC</p>																				
9	<p><b>Administrative Approvals and Exceptions:</b> Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.</p> <p><input type="checkbox"/> Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.</p> <p><input type="checkbox"/> Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.</p>																				
10	<p><b>Siting Criteria (regarding permitting):</b> 19.15.17.10 NMAC</p> <p><i>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.</i></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 85%; vertical-align: top;"> <p>Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.</p> <p>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p> </td> <td style="width: 15%; vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td style="vertical-align: top;"> <p>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).</p> <p>- Topographic map; Visual inspection (certification) of the proposed site</p> </td> <td style="vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td style="vertical-align: top;"> <p>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. 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(<i>Applies to permanent pits</i>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p> </td> <td style="vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td style="vertical-align: top;"> <p>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.</p> <p>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p> </td> <td style="vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td style="vertical-align: top;"> <p>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.</p> <p>- Written confirmation or verification from the municipality; Written approval obtained from the municipality</p> </td> <td style="vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td style="vertical-align: top;"> <p>Within 500 feet of a wetland.</p> <p>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p> </td> <td style="vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td style="vertical-align: top;"> <p>Within the area overlying a subsurface mine</p> <p>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</p> </td> <td style="vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td style="vertical-align: top;"> <p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</p> </td> <td style="vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> <tr> <td style="vertical-align: top;"> <p>Within a 100-year floodplain.</p> <p>- FEMA map</p> </td> <td style="vertical-align: top; text-align: right;"> <input type="checkbox"/> Yes <input type="checkbox"/> No </td> </tr> </table>	<p>Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.</p> <p>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>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).</p> <p>- Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. 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(<i>Applies to permanent pits</i>)</p> <p>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>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.</p> <p>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>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.</p> <p>- Written confirmation or verification from the municipality; Written approval obtained from the municipality</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within 500 feet of a wetland.</p> <p>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within the area overlying a subsurface mine</p> <p>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Within a 100-year floodplain.</p> <p>- FEMA map</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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<p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																				
<p>Within a 100-year floodplain.</p> <p>- FEMA map</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No																				

11.

**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 19.15.17.11 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: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12

**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)

13

**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  
☐ Liner Specifications and Compatibility Assessment - based upon  
☐ Quality Control/Quality Assurance Construction and Installation Plan the appropriate requirements of 19.15.17.11 NMAC  
☐ 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 H2S, 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

14

**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)

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**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 I of 19.15.17.13 NMAC  
☐ Site Reclamation 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.D NMAC)

*Instructions: Please identify 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: \_\_\_\_\_ 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 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 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

☐ Yes ☐ No

☐ NA

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

☐ NA

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 19.15.17.11 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

☐ 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 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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**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): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

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**OCD Approval:** ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: *Jonathan D. Kelly* Approval Date: 1/12/2012

Title: Compliance Officer OCD Permit Number: \_\_\_\_\_

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**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: 5/18/2009

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**Closure Method:**

☐ Waste Excavation and Removal ☒ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)  
☐ If different from approved plan, please explain.

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**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: \_\_\_\_\_

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) ☒ 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

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**Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

☒ Proof of Closure Notice (surface owner and division)  
☐ Proof of Deed Notice (required for on-site closure)  
☒ Plot Plan (for on-site closures and temporary pits)  
☒ Confirmation Sampling Analytical Results (if applicable)  
☒ Waste Material Sampling Analytical Results (required for on-site closure)  
☐ 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 36.56281 Longitude 107.84130 NAD: ☐ 1927 ☒ 1983

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**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): Vicki Donaghey Title: Regulatory Analyst

Signature: *Vicki Donaghey* Date: 07/23/09

e-mail address: vdonaghe@energy.com Telephone: 505-324-4136

# Hall Environmental Analysis Laboratory, Inc.

Date: 23-Apr-09

CLIENT: Energen Resources  
Lab Order: 0904235  
Project: Gordon A #2E  
Lab ID: 0904235-01

Client Sample ID: Reserve Pit Composite  
Collection Date: 4/14/2009  
Date Received: 4/16/2009  
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						Analyst: SCC
Diesel Range Organics (DRO)	27	10		mg/Kg	1	4/19/2009
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/19/2009
Surr: DNOP	85.6	61.7-135		%REC	1	4/19/2009
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: DAM
Gasoline Range Organics (GRO)	7.9	5.0		mg/Kg	1	4/22/2009 9:51:46 PM
Surr: BFB	104	58.8-123		%REC	1	4/22/2009 9:51:46 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: DAM
Methyl tert-butyl ether (MTBE)	ND	0.10		mg/Kg	1	4/22/2009 9:51:46 PM
Benzene	0.080	0.050		mg/Kg	1	4/22/2009 9:51:46 PM
Toluene	0.40	0.050		mg/Kg	1	4/22/2009 9:51:46 PM
Ethylbenzene	0.10	0.050		mg/Kg	1	4/22/2009 9:51:46 PM
Xylenes, Total	0.66	0.10		mg/Kg	1	4/22/2009 9:51:46 PM
Surr: 4-Bromofluorobenzene	97.4	66.8-139		%REC	1	4/22/2009 9:51:46 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: TAF
Chloride	40	1.5		mg/Kg	5	4/18/2009 2:28:29 PM
<b>EPA METHOD 418.1: TPH</b>						Analyst: LRW
Petroleum Hydrocarbons, TR	140	20		mg/Kg	1	4/21/2009

Qualifiers: \* Value exceeds Maximum Contaminant Level  
E Estimated value  
J Analyte detected below quantitation limits  
ND Not Detected at the Reporting Limit  
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
MCL Maximum Contaminant Level  
RL Reporting Limit

Page 1 of 1

## QA/QC SUMMARY REPORT

Client: Energen Resources

Project: Gordon A #2E

Work Order: 0904235

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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## Method: EPA Method 300.0: Anions

Sample ID: MB-18875		MBLK				Batch ID: 18875	Analysis Date: 4/18/2009 1:53:41 PM		
Chloride	ND	mg/Kg	0.30						
Sample ID: LCS-18875		LCS				Batch ID: 18875	Analysis Date: 4/18/2009 2:11:05 PM		
Chloride	15.01	mg/Kg	0.30	100	90	110			

## Method: EPA Method 418.1: TPH

Sample ID: MB-18889		MBLK				Batch ID: 18889	Analysis Date: 4/21/2009		
Petroleum Hydrocarbons, TR	ND	mg/Kg	20						
Sample ID: LCS-18889		LCS				Batch ID: 18889	Analysis Date: 4/21/2009		
Petroleum Hydrocarbons, TR	102.6	mg/Kg	20	103	82	114			
Sample ID: LCSD-18889		LCSD				Batch ID: 18889	Analysis Date: 4/21/2009		
Petroleum Hydrocarbons, TR	103.8	mg/Kg	20	104	82	114	1.16	20	

## Method: EPA Method 8015B: Diesel Range Organics

Sample ID: MB-18863		MBLK				Batch ID: 18863	Analysis Date: 4/17/2009		
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-18863		LCS				Batch ID: 18863	Analysis Date: 4/17/2009		
Diesel Range Organics (DRO)	45.31	mg/Kg	10	90.6	64.6	116			
Sample ID: LCSD-18863		LCSD				Batch ID: 18863	Analysis Date: 4/17/2009		
Diesel Range Organics (DRO)	46.14	mg/Kg	10	92.3	64.6	116	1.81	17.4	

## Method: EPA Method 8015B: Gasoline Range

Sample ID: MB-18858		MBLK				Batch ID: 18858	Analysis Date: 4/21/2009 10:47:22 PM		
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-18858		LCS				Batch ID: 18858	Analysis Date: 4/21/2009 9:46:16 PM		
Gasoline Range Organics (GRO)	24.69	mg/Kg	5.0	95.6	64.4	133			

## Method: EPA Method 8021B: Volatiles

Sample ID: MB-18858		MBLK				Batch ID: 18858	Analysis Date: 4/21/2009 10:47:22 PM		
Methyl tert-butyl ether (MTBE)	ND	mg/Kg	0.10						
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						
Sample ID: LCS-18858		LCS				Batch ID: 18858	Analysis Date: 4/21/2009 10:16:46 PM		
Methyl tert-butyl ether (MTBE)	1.066	mg/Kg	0.10	107	67.9	135			
Benzene	0.9286	mg/Kg	0.050	90.1	78.8	132			
Toluene	0.9174	mg/Kg	0.050	89.7	78.9	112			
Ethylbenzene	0.9420	mg/Kg	0.050	94.2	69.3	125			
Xylenes, Total	2.834	mg/Kg	0.10	94.6	73	128			

## Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

# Hall Environmental Analysis Laboratory, Inc.

## Sample Receipt Checklist

Client Name **ENERGEN RESOURCES**

Date Received:

4/16/2009

Work Order Number 0904235

Received by: TLS

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name UPS

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/> Not Shipped <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Preservation labels on bottle and cap match?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Container/Temp Blank temperature?

7°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_




Comments: \_\_\_\_\_

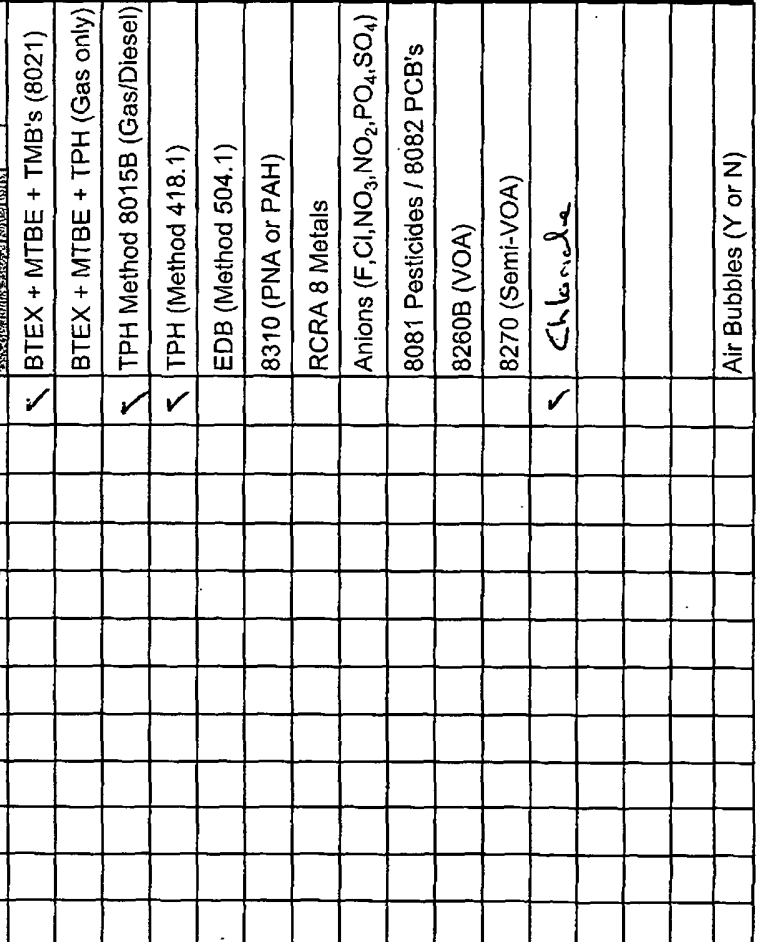
Corrective Action \_\_\_\_\_



<b>Chain-of-Custody Record</b>		Turn-Around Time:
Client: <u>Energen</u>	<input type="checkbox"/> Standard	<input type="checkbox"/> Rush
Mailing Address: <u>2010 Alton Place</u>	Project Name: <u>Gordon A # 2E</u>	
<u>Farmington NM 87401</u>	Project #:	
Phone #: <u>505 324 4131</u>	Project Manager:	
email or Fax#: <u>ed.hasely@energen.com</u>	<u>Ed Hasely</u>	
QA/QC Package:		
<input type="checkbox"/> Standard	<input type="checkbox"/> Level 4 (Full Validation)	
Accreditation		
<input type="checkbox"/> NELAP	<input type="checkbox"/> Other _____	
<input type="checkbox"/> EDD (Type) _____	Sampler: <u>Hasely</u>	
	<input checked="" type="checkbox"/> On site <input type="checkbox"/> Off site	
	Sample type: <u>soils</u>	

[illegible]

Date: 4/14	Time:	Relinquished by: 	Received by: 	Date 4/14/09	Time 935
Date:	Time:	Relinquished by:	Received by: 	Date	Time



Remarks:	Please Email results to Eel. Thanks
----------	--



April 28, 2009

**Certified Mail: 0000 5397 4226**

Bureau of Land Management  
Attn: Jim Lovato  
1235 LaPlata Highway  
Farmington, NM 87401

**Subject: Reserve Pit In-Place Closure  
Gordon A #2E**

Dear Sir or Madam:

Energen Resources plans to close a reserve pit located on the subject well location. You are on record as the surface owner where this well is located and the New Mexico Oil Conservation Division (NMOCD) rules require notification to the surface owner of our plans to close the reserve pit. NMOCD rules and guidelines will be followed. The well is located in Unit Letter H, Section 24, Township 27N, Range 10W in Rio Arriba County, New Mexico.

If there are any questions or concerns, please contact me at 505.324.4136.

Sincerely,

*Vicki Donaghey*

Vicki Donaghey  
Regulatory Analyst  
Energen Resource

Cc: Well File

Energen Resources Corp.

U.S. Postal Service<sup>TM</sup>  
**CERTIFIED MAIL<sup>TM</sup> RECEIPT**  
(Domestic Mail Only, No Insurance Coverage Provided)  
For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$ 4.24	mailed 4-28-09 Postmark Here
Certified Fee	2.70	
Return Receipt Fee (Endorsement Required)	2.20	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.32	

Sent To: *Jim*  
Bureau of Land Management  
Street, Apt. No. or PO Box No.: *1235 LaPlata Highway*  
City, State, ZIP+4: *Farmington NM 87401*

PS Form 3800, August 2006<sup>®</sup> See Reverse for Instructions

7007 1490 0000 5397 4226

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"><li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li><li>Print your name and address on the reverse so that we can return the card to you.</li><li>Attach this card to the back of the mailpiece, or on the front if space permits.</li></ul>	A. Signature <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: <i>Bureau of Land Management Attn: Jim Lovato 1235 LaPlata Highway Farmington NM 87401</i>	B. Received by (Printed Name) <i>[Signature]</i> C. Date of Delivery
2. Article Number (Transfer from service label) <b>7007 1490 0000 5397 4226</b>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:
	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Vicki Donaghey**

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**From:** Doug Thomas  
**Sent:** Wednesday, April 29, 2009 11:11 AM  
**To:** Vicki Donaghey; Ed Hasely; Perry Kirk; Robert Schmidt; David Poage -  
**Subject:** FW: Notice to cover reserve pit

FYI

---

**From:** frank florez [mailto:frankf52@yahoo.com]  
**Sent:** Wednesday, April 29, 2009 8:36 AM  
**To:** Doug Thomas; Perry Kirk; mark\_kelly@nm.blm.gov; Brandon.Powell@state.nm.us  
**Subject:** Notice to cover reserve pit

Good Morning to all,

This is notice that we will begin to cover the reserve pit for Energen Resources at the Gordon A # 2E. We plan to start work on Monday May 4, 2009. If there are any problems please notify me as soon as possible.

Thank you,

Deidra Florez  
Triple F Construction & Field Service, LLC  
PO Box 3  
Bloomfield, NM 87413  
(505) 632-9011 Office  
(505) 632-6953 Fax

4/29/2009

**Well Name:** Gordon A #2E

**Reserve Pit - Final Closure Report:**

The pit was closed with in-place burial. The surface owner was notified by certified mail. The OCD was notified at least 72 hours and not more than one week prior to the pit closing. The following process was used to close the pit:

- 1) All free standing fluids were removed and the liner was cut off at the mudline.
- 2) The contents were solidified to a bearing capacity sufficient to support the final cover. This was accomplished by mixing the contents with soil at a mixing ratio no greater than 3:1 soil to contents.
- 3) Sampling was done by collecting a five-point composite sample of the contents after stabilization. The sample was analyzed for the following components;

Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	1000

- 4) The analyses demonstrated that the stabilized contents were under the limits listed above. The contents were covered with compacted non-waste containing earthen material to three feet.
- 5) After the stabilized contents were covered, the stockpiled topsoil was replaced to a depth of one foot. Topsoil cover was graded to prevent ponding of water and erosion of the cover material. This was accomplished within six months of rig release.
- 6) The disturbed area not needed for operations was seeded or planted the first growing season after closing the pit. Seed was drilled on the contour whenever practical or by other division-approved methods. The goal is to obtain vegetative cover that equals 70% of the native cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation) consisting of at least three native plant species, including at least one grass but not including noxious weeds. Cover will be maintained through two successive growing seasons. During the two growing seasons that prove viability there shall be no artificial irrigation of the vegetation. Seeding or planting will continue until the required cover is reached. If conditions are not favorable to establishment of vegetation due to periods of drought or similar problems then the Aztec office of the OCD will be notified. The Aztec office of the OCD will also be notified when the disturbed ground successfully achieves re-vegetation.
- 7) A steel marker no less than four inches in diameter was cemented in a hole three feet deep in the center of the onsite burial. The top of this marker was flush with the ground with a threaded collar for future abandonment use to allow access of the pad and for safety concerns. On top of this marker, a steel

12 inch square plate indicating onsite burial was intermittent welded to the top of the collar to allow easy removal at time of the well being abandoned. Once all wells on the pad are abandoned a four foot tall riser will be threaded into the top of the marker and circumferential welded around the base with; operator name, lease name, well name and number, unit number, section, township and range, and a designation that it is an onsite burial location.

C/L ACCESS ROAD

# ENERGEN RESOURCES CORPORATION

GORDON #2E

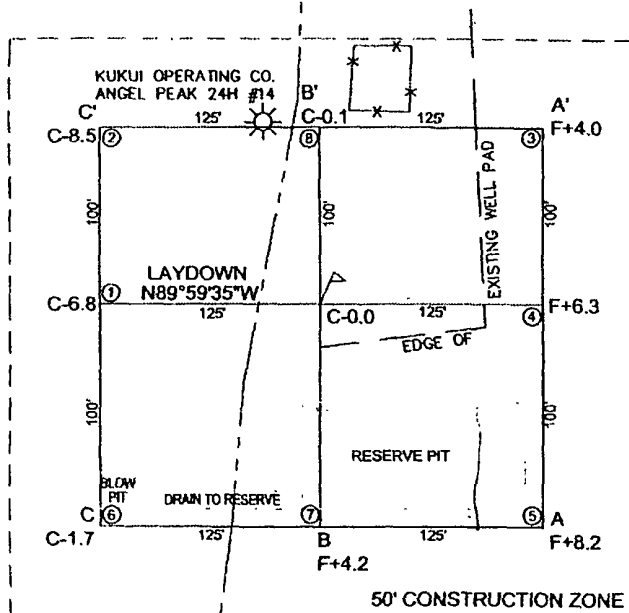
1793' FNL & 857' FEL

LOCATED IN THE SE/4 NE/4 OF SECTION 24,

T27N, R10W, N.M.P.M.,

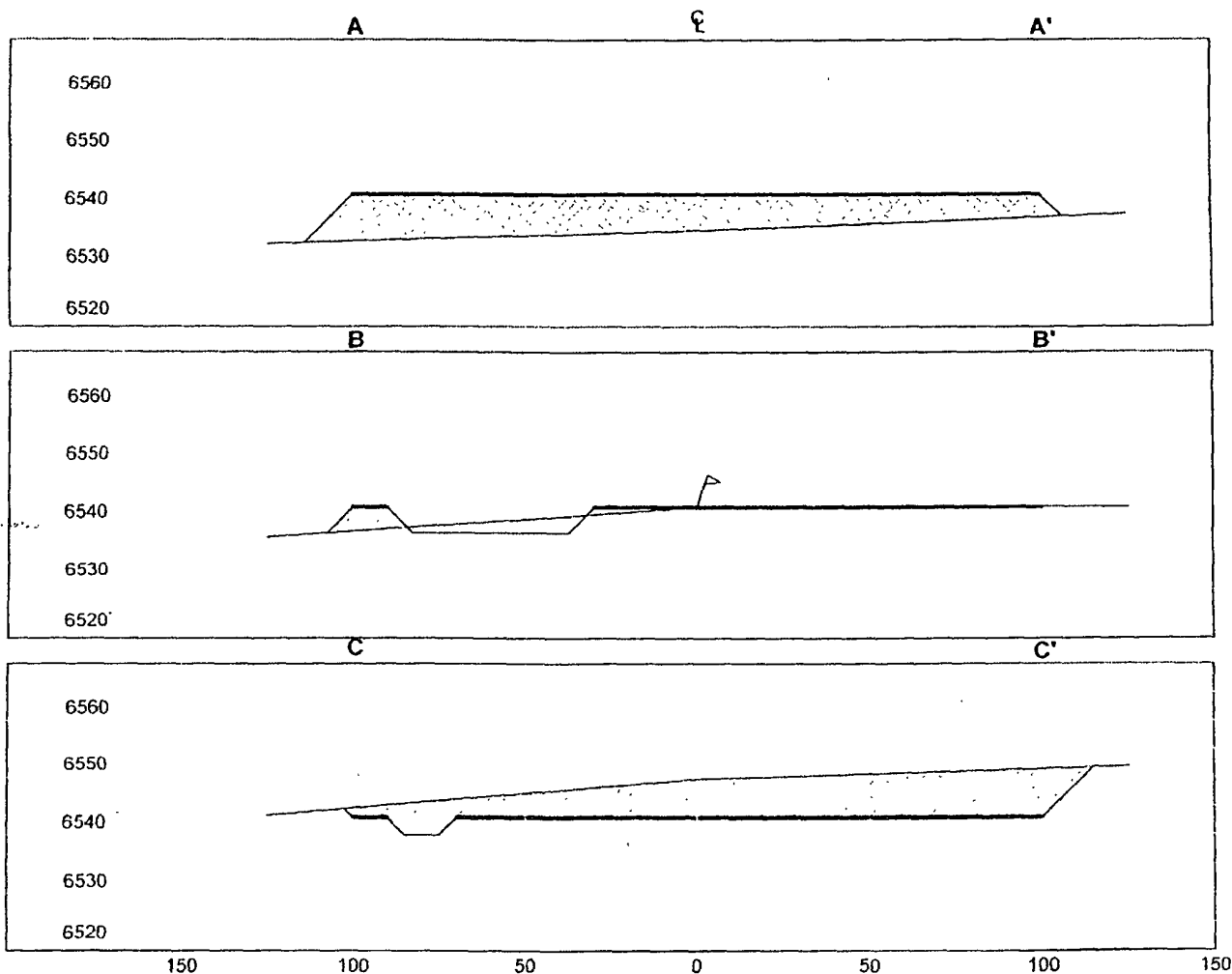
SAN JUAN COUNTY, NEW MEXICO

ELEVATION: 6543', NAVD 88



Scale: 1"=100'

LATITUDE: 36.56300 N  
LONGITUDE: 107.84133 W  
DATUM: NAD 83



HORIZ. SCALE: 1"=50'  
VERT. SCALE: 1"=30'

**Red Skies Surveying & Mapping, Inc.**

A Native American Owned Company

101 Fauver Lane, Bloomfield, New Mexico 87413  
Phone/Fax: (505) 632-8906 Cell No: (505) 793-5325



### Pit Inspection Log Sheet

Well Name:	Gordon A #2E	API:	30-045-34811
Name (Print):	Jeremy Swearingen	Signature:	[Signature]
Date:	1-30-09		
Comments:	OK		
Name (Print):	Jeremy Swearingen	Signature:	[Signature]
Date:	1-31-09		
Comments:	OK		
Name (Print):	Jeremy Swearingen	Signature:	[Signature]
Date:	2-1-09		
Comments:	<del>Jeremy Swearingen</del>		<del>2-1-09</del>
Name (Print):	<del>Jeremy Swearingen</del> Jeremy Swearingen	Signature:	[Signature]
Date:	2-2-09		
Comments:	OK		
Name (Print):	Jeremy Swearingen	Signature:	[Signature]
Date:	2-3-09		
Comments:	OK		
Name (Print):	Richard Montoya	Signature:	[Signature]
Date:	2-4-09		
Comments:	OK		
Name (Print):	Marshall	Signature:	[Signature]
Date:	2-5-09		
Comments:	OK walked around		
Name (Print):	Marshall	Signature:	[Signature]
Date:	2-6-09		
Comments:	OK walked around		
Name (Print):	Richard Montoya	Signature:	[Signature]
Date:	2-7-09		
Comments:	OK		
Name (Print):	Richard Montoya	Signature:	[Signature]
Date:	2-8-09		
Comments:	OK		
Name (Print):	Richard Montoya	Signature:	[Signature]
Date:	2-9-09		
Comments:	OK		
Name (Print):	Richard Montoya	Signature:	[Signature]
Date:	2-10-09		
Comments:	OK		
Name (Print):	J WEATHERFORD	Signature:	[Signature]
Date:	2/11/09		
Comments:	OK		
Name (Print):	J WEATHERFORD	Signature:	[Signature]
Date:	2/12/09		
Comments:	OK		
Name (Print):	Jeremy Swearingen	Signature:	[Signature]
Date:	2/13/09		
Comments:	OK		
Name (Print):	J WEATHERFORD	Signature:	[Signature]
Date:	2/14/09		
Comments:	OK		
Name (Print):	J WEATHERFORD	Signature:	[Signature]
Date:	2/15/09		
Comments:	5' FREE ROOM		

# Pit Inspection Log Sheet

Well Name: GORDON A ZE

API #: 30045-34811

[illegible]



# Pit Inspection Log Sheet

**Energen Resources Corporation**

Well Name: Gordon A 2 E

**API #:**

Name (Print): Derry Kirk Signature: [Signature] Date: 1-3-09

Name (Print): Derry, Kirk Signature: [Signature] Date: 1-19-09

Name (Print): Jerry Kirk Signature: [Signature] Date: 1-26-09

Name (Print): Jerry Kirk Signature: [Signature] Date: 2-2-09

Name (Print): Jerry Kirk Signature: [Signature] Date: 2-17-09

Name (Print): Jerry Kirk Signature: [Signature] Date: 2-23-09

Name (Print): Henry Kirk Signature: [Signature] Date: 3-2-09

Name (Print): Verny Kirk Signature: [Signature] Date: 3-16-09

Name (Print): Jerry Kirk Signature: [Signature] Date: 3-30-09

Name (Print): Perry Kirk Signature: [Signature] Date: 4-7-04

Name (Print): Kern, Kirk Signature: [Signature] Date: 7-20-09

Name (Print): Kerry Kirk Signature: [Signature] Date: 7-4-09  
Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name (Print): Perry, Kirk Signature: [Signature] Date: 5-18-09 Closed

Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

---

Name (Print): \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Submit to Appropriate District Office  
Five Copies  
District I  
1625 N French Dr, Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410  
District IV  
1220 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
July 17, 2008

1. WELL API NO.  
**30-045-34811**
2. Type Of Lease  
☐ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4 Reason for filing

- ☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)
- ☒ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)

5 Lease Name or Unit Agreement Name

**Gordon A**

6 Well Number

**# 2E**

9 Type of Completion

- ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☒ OTHER **pit closure**

8. Name of Operator

**Energex Resources Corporation**

9 OGRID Number

**162928**

10. Address of Operator

**2010 Afton Place, Farmington, NM 87401**

11 Pool name or Wildcat

**Basin Dakota**

12 Location	Unit Letter	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface										
BH										

13 Date Spudded	14 Date T D. Reached	15. Date Rig Released <b>04/13/09</b>	16. Date Completed (Ready to Produce)	17. Elevations (DF & RKB, RT, GR, etc )
18. Total Measured Depth of Well	19 Plug Back Measured Depth	20. Was Directional Survey Made	21 Type Electric and Other Logs Run	
22 Producing Interval(s), of this completion - Top, Bottom, Name				

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. **LINER RECORD**

25. **TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. **PRODUCTION**

Date First Production		Production Method <i>(Flowing, gas lift, pumping - Size and type pump)</i>				Well Status <i>(Prod. or Shut-in)</i>	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API <i>-(Corr.)</i>	

29. Disposition of Gas (Sold, used for fuel, vented, etc )

30 Test Witnessed By

31. List Attachments

32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit

33. If an on-site burial was used at the well, report the exact location of the on-site burial

Latitude **36.56281** Longitude **107.84130** NAD: 1927 X 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature **Vicki Donaghey** Printed Name **Vicki Donaghey** Title **Regulatory Analyst** Date **07/16/09**  
E-mail address **vdonaghe@energex.com**

## Temporary Pit Closure Plan:

The pit will be closed with in place burial. The surface owner will be notified prior to closure by certified mail and the return receipt will be included in the closure packet. The OCD will be verbally or by other means notified at least 72 hours and not more than one week prior to the pit closing. The following process will be used to close the pit:

liner cut when?  
exact  
Quantity 3 to 1?

- 1) At time of closure, all free standing fluids will be removed and the contents will be solidified to a bearing capacity sufficient to support the final cover. This will be accomplished by mixing the contents with soil at a mixing ratio no greater than 3:1 soil to contents. } close report.

- 2) The liner will be cut off at the mudline. ←

- 3) Sampling will be done by collecting a minimum of a five-point composite sample of the contents after stabilization. If the ground water is less than 100 feet below the pit but greater than 50 feet testing for Chlorides will be done to the lower limit. The sample will be analyzed for the following components;

Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	1000/500

Add results  
section

- 4) After demonstrating that the stabilized contents are under the limits listed above the contents will be covered with compacted non-waste containing earthen material to a minimum of three feet. If stabilized contents exceed a volume that can be covered with three feet of earth and a foot of topsoil the excess contents will be removed and sent to Envirotech (Permit NM-01-0011). If the stabilized contents do not meet the above stated limits the stabilized contents will all be hauled to Envirotech pursuant to excavation and removal guidelines (19.15.17.13 B1)

- 5) After the stabilized contents have been covered, the stockpiled topsoil will be replaced to a minimum depth of one foot. Topsoil cover will be graded to prevent ponding of water and erosion of the cover material. This will be accomplished within six months of rig release.

- 6) The exact location of the on-site burial will be reported to the Aztec field office on the C-105 form. A deed notice identifying the exact location of the on-site burial will be filed with the county clerk. The final closure report (C-144) will be filled within 60 days of closure completion and include sampling results, plot plan, details on back filling, covering and inspections during the life of the pit.

- 7) The disturbed area will be seeded or planted the first growing season after closing the pit. Seed will be drilled on the contour whenever practical or by other division-approved methods. The being to obtain vegetative cover that equals 70% of the native cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation) consisting of at least three native plant species, including at least one grass but not including noxious weeds.

When seeded?  
type?  
BLM?

Cover will be maintained through two successive growing seasons. During the two growing seasons that prove viability there shall be no artificial irrigation of the vegetation. Seeding or planting will continue until the required cover is reached. If conditions are not favorable to establishment of vegetation due to periods of drought or similar problems then the Aztec office of the OCD will be notified. The Aztec office of the OCD will also be notified when the disturbed ground successfully achieves re-vegetation.

- 8) Until the abandonment of the wells on the pad where the pit is located a steel marker no less than four inches in diameter will be cemented in a hole three feet deep in the center of the onsite burial. The top of this marker will be flush with the ground to allow access of the pad as well as safety concerns. Once all wells on the pad are abandoned a four foot tall riser will be welded on top of the marker with; operator name, lease name, well name and number, unit number, section, township and range, and a designation that it is an onsite burial location

What  
written  
or  
date?

Photos

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What  
written  
or date?

Photos

6) When was it seeded

Photos

102 ~~diagram~~ diagram & showing pit outline

Decal notice = statement about FAQ Oct 30, 2008

1 On Fed, Indian Land seeding refer to MOW

2 Don't need certified main to BLM MOW

3

RCVD JAN 12 '12

OIL CONS. DIV.

DIST. 3

# COVER PAGE

ENERGEN RESOURCES  
2010 AFTON PLACE  
FARMINGTON NM 87401

OGRID # 162928

WELL NAME GORDON A 2E

API 30-045-34811

PERMIT 2672

MISSING CLOSE DATE/PHOTOS.

\_\_\_\_\_  
\_\_\_\_\_



**ENERGEN**  
R E S O U R C E S  
C O R P O R A T I O N

GORDON A #2E  
1793' FNL 857' FEL  
UNIT H SEC 24 T27N R10W  
LATITUDE 36.56300°  
LONGITUDE -107.84133°  
API # 30-045-34811 ELEV 6543'  
LEASE # NMSF-077952  
SAN JUAN COUNTY, NEW MEXICO  
BASIN DAKOTA

