

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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

Form C-144  
Revised April 3, 2017

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.  
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

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

Type of action: ☐ Below grade tank registration  
☐ Permit of a pit or proposed alternative method  
☒ Closure of a pit, below-grade tank, or proposed alternative method  
☐ Modification to an existing permit/or registration  
☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, 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: Huntington Energy, L.L.C. OGRID #: 208706  
Address: 908 N.W. 71<sup>st</sup> Street, Oklahoma City, OK 73116  
Facility or well name: Canyon Largo Unit #326  
API Number: 30-039-23264 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr NENW Section 33 Township 25N Range 6W County: Rio Arriba  
Center of Proposed Design: Latitude 36.36160 Longitude -107.47533 NAD83  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2. ☐ Pit: Subsection F, G or J of 19.15.17.11 NMAC  
Temporary: ☐ Drilling ☐ Workover  
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no  
☐ Lined ☐ Unlined Liner type: Thickness \_\_\_\_\_ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_  
☐ String-Reinforced  
Liner Seams: ☐ Welded ☐ Factory ☐ Other \_\_\_\_\_ Volume: \_\_\_\_\_ bbl Dimensions: L \_\_\_\_\_ x W \_\_\_\_\_ x D \_\_\_\_\_

\* Closure Plan not approved  
prior to closing BGT

3. ☒ Below-grade tank: Subsection I of 19.15.17.11 NMAC  
Volume: \_\_\_\_\_ bbl Type of fluid: Produced Water  
Tank Construction material: Metal  
☐ 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 ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_

\* 72 hour notice not provided  
to OCD prior to removal of BGT

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

5. **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 \_\_\_\_\_

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6.

**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- ☐ Screen ☐ Netting ☐ Other \_\_\_\_\_
- ☐ Monthly inspections (If netting or screening is not physically feasible)

7.

**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

8.

**Variances and Exceptions:**

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

***Please check a box if one or more of the following is requested, if not leave blank:***

- ☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- ☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

**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. Siting criteria does not apply to drying pads or above-grade tanks.***

**General siting**

**Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.**

- ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

☐ Yes ☒ No  
☒ NA

**Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.**

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☐ No  
☒ NA

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. (**Does not apply to below grade tanks**)

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☐ No

Within the area overlying a subsurface mine. (**Does not apply to below grade tanks**)

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☐ No

Within an unstable area. (**Does not apply to below grade tanks**)

- 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. (**Does not apply to below grade tanks**)

- FEMA map

☐ Yes ☐ No

**Below Grade Tanks**

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☒ No

**Temporary Pit using Low Chloride Drilling Fluid** (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet from a occupied 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 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 100 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

### **Temporary Pit Non-low chloride drilling fluid**

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any 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 spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 300 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

### **Permanent Pit or Multi-Well Fluid Management Pit**

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 1000 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 spring or a fresh water well used for domestic or stock watering purposes, 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 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

10.

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

11.

#### **Multi-Well Fluid Management Pit Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ A List of wells with approved application for permit to drill associated with the pit.
- ☐ 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
- ☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12. **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 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

13. **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 ☐ Multi-well Fluid Management Pit  
☐ 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

14. **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 C 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 H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15. **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 require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> 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 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

16.  
**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 E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K 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 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements 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 H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.

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

18.

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

OCD Representative Signature: [Signature] Approval Date: 8/29/2017

Title: Environmental Specialist OCD Permit Number: \_\_\_\_\_

19.

**Closure Report (required within 60 days of closure completion):** 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: 7/17/2017

20.

**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. Permitted as Waste Excavation & Removal, but was filled in with topsoil onsite after soil sampling.

21.

**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 for private land only)
  - ☐ 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 - Will not re-vegetate until well plugging is done.
  - ☒ Site Reclamation (Photo Documentation)
- On-site Closure Location: Latitude 36.36160 Longitude -107.47533 NAD: ☐ 1927 ☒ 1983

**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): Catherine Smith Title: Regulatory

Signature: *Catherine Smith* Date: 8/3/2017

e-mail address: csmith@huntingtonenergy.com Telephone: 405-840-9876

## Fields, Vanessa, EMNRD

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**From:** Cathy Smith <Csmith@huntingtonenergy.com>  
**Sent:** Tuesday, August 22, 2017 1:15 PM  
**To:** Fields, Vanessa, EMNRD  
**Subject:** FW: Canyon Largo Unit Compliance Issues - CLU 326

Please see below.

**From:** Kelly, Jonathan, EMNRD [mailto:Jonathan.Kelly@state.nm.us]  
**Sent:** Friday, July 21, 2017 1:37 PM  
**To:** Cathy Smith <Csmith@huntingtonenergy.com>  
**Subject:** Re: Canyon Largo Unit Compliance Issues - CLU 326

That should be all that is needed.

Jonathan

Sent via the Samsung Galaxy S6 active, an AT&T 4G LTE smartphone

----- Original message -----

**From:** Cathy Smith <Csmith@huntingtonenergy.com>  
**Date:** 7/21/17 12:35 PM (GMT-07:00)  
**To:** "Kelly, Jonathan, EMNRD" <Jonathan.Kelly@state.nm.us>  
**Subject:** RE: Canyon Largo Unit Compliance Issues - CLU 326

What all is needed besides the C-144?

**From:** Kelly, Jonathan, EMNRD [mailto:Jonathan.Kelly@state.nm.us]  
**Sent:** Thursday, July 20, 2017 11:42 AM  
**To:** Cathy Smith <Csmith@huntingtonenergy.com>  
**Subject:** RE: Canyon Largo Unit Compliance Issues - CLU 326

Thank you Cathy, I will clear the compliance once we have received and approved all the appropriate closure documentation for the BGT/pit closure.

Jonathan D. Kelly  
Compliance Officer  
Oil Conservation Division  
Energy, Minerals, & Natural Resources  
1000 Rio Brazos, Aztec, NM 87410  
(505)334-6178 ext 122  
[jonathan.kelly@state.nm.us](mailto:jonathan.kelly@state.nm.us)

**From:** Cathy Smith [mailto:Csmith@huntingtonenergy.com]  
**Sent:** Monday, July 17, 2017 1:27 PM



**To:** Kelly, Jonathan, EMNRD <[Jonathan.Kelly@state.nm.us](mailto:Jonathan.Kelly@state.nm.us)>  
**Subject:** Canyon Largo Unit Compliance Issues - CLU 326

Jonathan,

Attached are pics from the CLU 326. Ron Lackey just finished working on it today.

Thank you!  
Cathy Smith

**From:** Kelly, Jonathan, EMNRD [<mailto:Jonathan.Kelly@state.nm.us>]  
**Sent:** Wednesday, May 10, 2017 12:29 PM  
**To:** Cathy Smith <[Csmith@huntingtonenergy.com](mailto:Csmith@huntingtonenergy.com)>  
**Subject:** Canyon Largo Unit Compliance Issues

Good morning Cathy,

I found the following compliance issues while inspecting last week in the Canyon Largo Unit:

~~Canyon Largo Unit 307~~ – 30-039-23651 – BGT is floating in containment and is sitting at an angle, cellar is filled with fluids that appear to be storm water. OK  
Canyon Largo Unit 326 – 30-039-23264 – BGT cellar/earthen pit open in tank battery.  
~~Canyon Largo Unit 332~~ – 30-039-23326 – Fluids with oil in BGT cellar, fluids on liner. OK

Please email me photos of the corrective actions once complete to help expedite clearing the compliance. If you have any questions regarding the above, please do not hesitate to contact me.

Thank you,

Jonathan D. Kelly  
Compliance Officer  
Oil Conservation Division  
Energy, Minerals, & Natural Resources  
1000 Rio Brazos, Aztec, NM 87410  
(505)334-6178 ext 122  
[jonathan.kelly@state.nm.us](mailto:jonathan.kelly@state.nm.us)



**Huntington Energy, L.L.C.**  
**Below Grade Tank Closure Report**  
**San Juan Basin**

**Canyon Largo Unit #326**  
**API#: 30-039-23264**

The closure requirements for below-grade tanks include the general provisions of Paragraphs A, G, H, I, J, and K of 19.15.17.13 NMAC and the specific requirements of Paragraph E of 9.15.17.13 NMAC.

**Closure Timelines:**

1. HE shall close an existing BGT within the time periods provided in 19.15.17.13 NMAC, or by and earlier date that the division requires because of imminent danger to fresh water, public health or the environment. HE will close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph 5 of Subsection I of 19.15.17.11 NMAC within 5 years after June 16, 2008, if not retrofitted to comply with Paragraph (1) through (4) of Subsection I of 19.15.17.11 NMAC.

HE shall close a permitted BGT within 60 days of cessation of the BGT's operation or as required by the provisions of Subsection B of 19.15.17.17 NMAC in accordance with a closure plan the Division District Office approves.

**Due to an oversight, the closure plan for the above referenced well was not submitted in a timely manner.**

2. HE shall submit closure notice prior to the implementation of any closure operations to the Division District Office and surface owners. HE shall notify surface owners by certified mail, return receipt requested. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records shall be provided in the Closure Report. HE will notify the Division District office at least 72 hours, but not more than one week prior to any closure operation. All operator information shall include the operator's name and the location to be closed by unit letter, section, township and range. If associated with a particular well, the notice shall include the well's name, number and API number. **Closure Notice was sent via email to BLM/NMOCD – certified mail not required for Federal lands.**

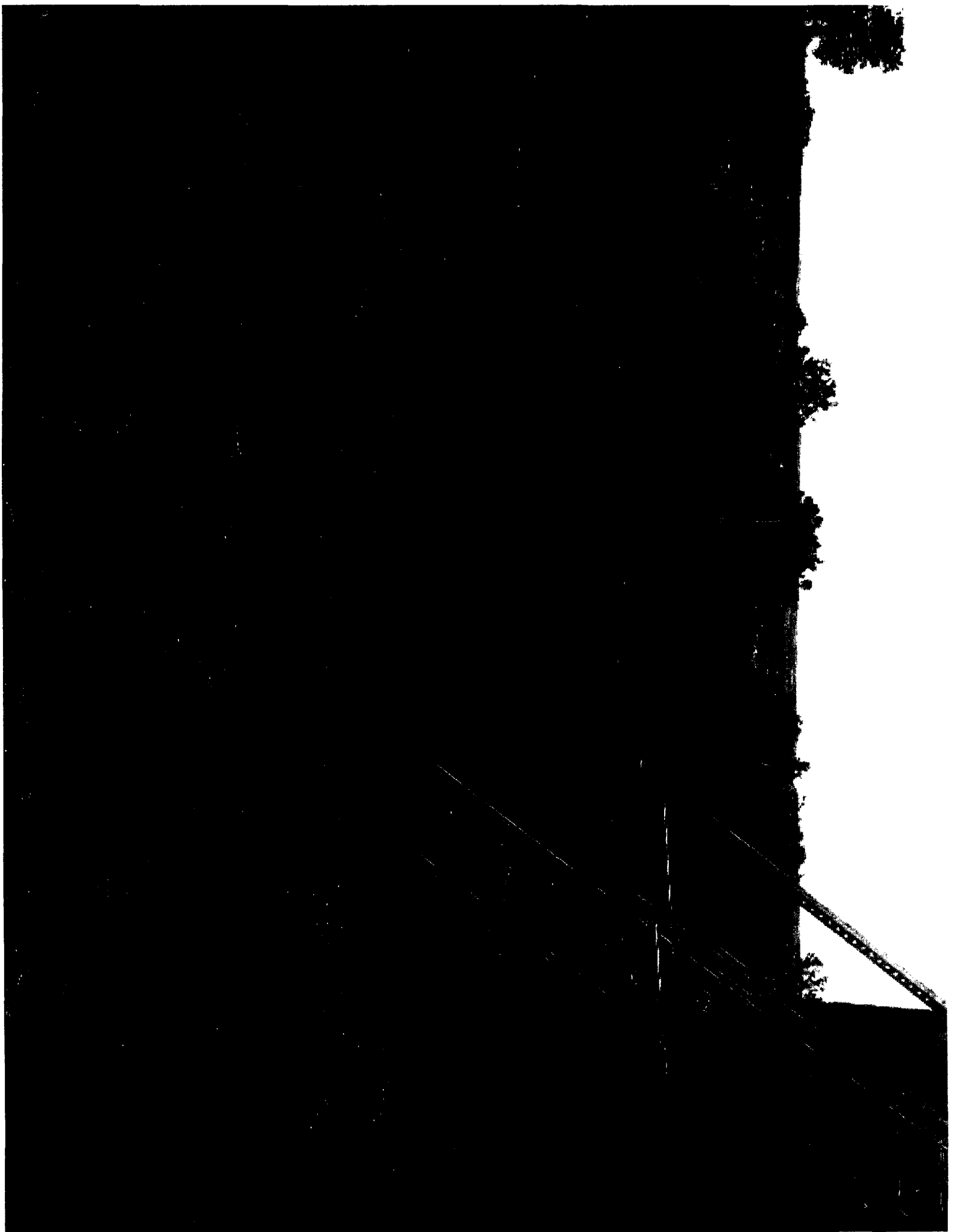
**Closure Method & Procedures:**

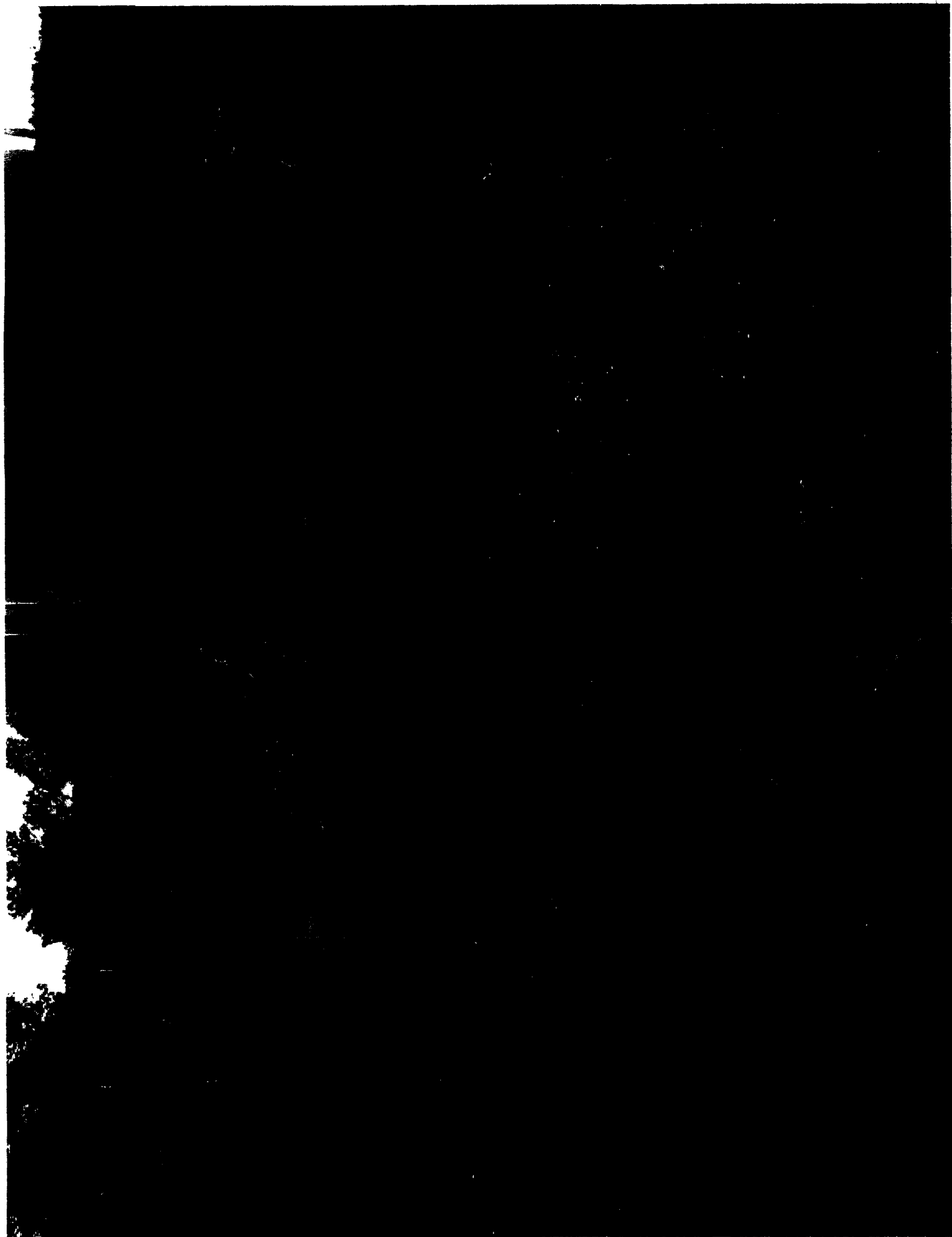
1. Remove liquids and sludge from a BGT prior to implementing a closure method. These will be disposed in facility IEI, Permit # 01001010B for sludge, and liquids will be disposed at the TNT Environmental, permit # NM 01-0008 or Basin Disposal, Inc., permit # NM-01-005 or Jillson SWD (Conoco-Phillips), R-10168.  
**Disposed of at TNT Environmental, Permit # NM 01-0008.**

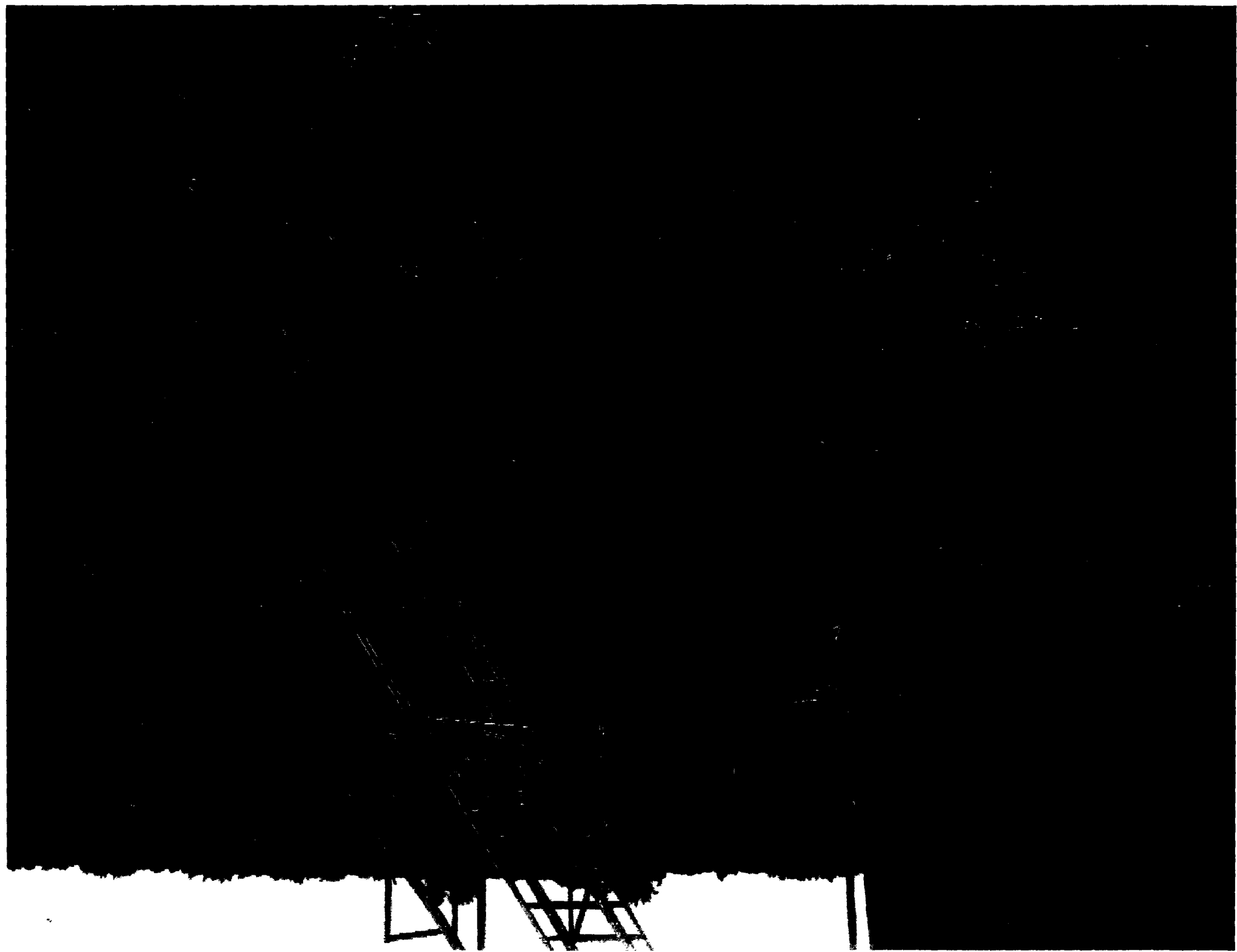
2. HE will obtain prior approval from the OCD to dispose, recycle, reuse, or reclaim the BGT.  
**Due to an oversight, HE did not received prior approval before disposing of the BGT.**
3. All on-site related equipment with a BGT shall be removed unless equipments is required for some other purpose. **BGT equipment was removed from the site. Pictures are attached.**
4. If the liner material requires disposal, HE will clean the liner (as per subparagraph (m) of paragraph (1) of Subsection C of 19.15.35.8 NMAC), and can be accepted at a solid waste facility at San Juan County Regional Landfill. **N/A.**
5. HE shall test the soils beneath the below-grade tank to determine whether a release has occurred. HE shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. HE shall notify the division of its results on form C-141. **Soil sample attached from Envirotech.**
6. If we determine a release has occurred, we will comply with 19.15.29 NMAC and 19.15.30 NMAC. **No release.**
7. If sampling program demonstrates that release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then HE shall backfill the excavation with compacted, non-waste earthen material, construct a division prescribed soil cover, and re-contour and re-vegetate the site, as per Subsection G, H and I of 19.15.17.13 NMAC.  
**BGT was filled in with topsoil from the site. The site will not be re-seeded until the well is plugged and abandoned.**
8. Once HE has closed the BGT location, including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area, HE will then restore the surface are to prior conditions before operations as provided in Subsection H of 19.15.17.13 NMAC. **Surface area has been restored.**
9. The soil cover for closure shall consist of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater. HE will construct the soil cover to the site's existing grade and prevent ponding of water and erosion of the cover material. **Soil cover has been established and will prevent ponding of water and erosion.**
10. Re-vegetation: the first growing season after HE closes a BGT, HE shall seed or plant the disturbed area. HE shall accomplish seeding by drilling on the contour whenever practical or by other division-approved methods. HE shall obtain vegetative cover that equals 70% of the native perennial vegetative cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation) consisting of at least three native pant species, including at lease one grass, but not including noxious weeds, and maintain the cover through two successive growing seasons. During the

two growing seasons that prove viability, there shall be no artificial irrigation of the vegetation. HE shall repeat seeding or planting until the required vegetative cover is achieved. HE shall notify the division when it has seeded or planted and when successful re-vegetation has occurred. **No re-seeding will be done at this time. Re-seeding will be done when well is plugged and abandoned.**

11. Closure Report: Within 60 days of closure, HE shall submit a closure report on form C-144/Checklist Box 24, with the following attachments: Proof of Closure Notice (surface owner and division); Proof of Deed Notice; Plot Plan, Confirmation Sampling Analytical Results (if applicable); Waste Material 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); and Latitude and Longitude of site. **C-144 and additional documents are enclosed.**







## Cathy Smith

---

**From:** Cathy Smith  
**Sent:** Friday, July 21, 2017 4:09 PM  
**To:** 'TSALYERS@BLM.GOV'  
**Subject:** RE: Canyon Largo Unit #326, API# 30-039-23264

Correction to the date: it was filled on Monday, July 17, 2017.

---

**From:** Cathy Smith  
**Sent:** Friday, July 21, 2017 2:55 PM  
**To:** 'TSALYERS@BLM.GOV' <TSALYERS@BLM.GOV>  
**Subject:** Canyon Largo Unit #326, API# 30-039-23264

Troy,

This is a notice of closing BGT for the above referenced well as required per NMOCD pit rule. The BGT was removed from the location and was filled in on Monday, July 27, 2017.

Canyon Largo Unit #326  
API: 30-039-23264  
NENW, Sec 3-25N-6W  
Rio Arriba Co., NM

Thank you.  
Cathy Smith





## Analytical Report

### Report Summary

Client: Huntington Energy LLC

Chain Of Custody Number:

Samples Received: 6/27/2017 12:15:00PM

Job Number: 06111-0002

Work Order: P706039

Project Name/Location: Canyon Largo Unit #326

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', written over a horizontal line.

Date: 7/5/17

Walter Hinchman, Laboratory Director

A handwritten signature in black ink, appearing to read 'Tim Cain', written over a horizontal line.

Date: 7/5/17

Tim Cain, Quality Assurance Officer

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Huntington Energy LLC  
908 NW 71st St.  
Oklahoma City OK, 73116

Project Name: Canyon Largo Unit #326  
Project Number: 06111-0002  
Project Manager: Robert Herritt

Reported:  
05-Jul-17 16:27

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Soil E & W Corner & Middle	P706039-01A	Soil	06/27/17	06/27/17	Glass Jar, 4 oz.
Soil Back Side	P706039-02A	Soil	06/27/17	06/27/17	Glass Jar, 4 oz.

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Huntington Energy LLC  
908 NW 71st St.  
Oklahoma City OK, 73116

Project Name: Canyon Largo Unit #326  
Project Number: 06111-0002  
Project Manager: Robert Herritt

Reported:  
05-Jul-17 16:27

**Soil E & W Corner & Middle  
P706039-01 (Solid)**

**Reporting**

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %		50-150	1726013	06/28/17	07/05/17	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1726016	06/29/17	06/30/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %		50-150	1726013	06/28/17	07/05/17	EPA 8015D	
Surrogate: n-Nonane		121 %		50-200	1726016	06/29/17	06/30/17	EPA 8015D	
<b>Anions by 300.0</b>									
Chloride	ND	20.0	mg/kg	1	1726015	06/29/17	06/29/17	EPA 300.0	
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	76.0	40.0	mg/kg	1	1726018	06/29/17	06/29/17	EPA 418.1	

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Huntington Energy LLC  
908 NW 71st St.  
Oklahoma City OK, 73116

Project Name: Canyon Largo Unit #326  
Project Number: 06111-0002  
Project Manager: Robert Herritt

Reported:  
05-Jul-17 16:27

**Soil Back Side  
P706039-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %		50-150	1726013	06/28/17	07/05/17	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1726013	06/28/17	07/05/17	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1726016	06/29/17	06/30/17	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %		50-150	1726013	06/28/17	07/05/17	EPA 8015D	
Surrogate: n-Nonane		118 %		50-200	1726016	06/29/17	06/30/17	EPA 8015D	
<b>Anions by 300.0</b>									
Chloride	ND	20.0	mg/kg	1	1726015	06/29/17	06/29/17	EPA 300.0	
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	66.0	40.0	mg/kg	1	1726018	06/29/17	06/29/17	EPA 418.1	

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Huntington Energy LLC  
908 NW 71st St.  
Oklahoma City OK, 73116

Project Name: Canyon Largo Unit #326  
Project Number: 06111-0002  
Project Manager: Robert Herritt

Reported:  
05-Jul-17 16:27

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 1726013 - Purge and Trap EPA 5030A

##### Blank (1726013-BLK1)

Prepared: 28-Jun-17 Analyzed: 05-Jul-17

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							

Surrogate: 4-Bromochlorobenzene-PID 7.34 " 8.00 94.3 50-150

##### LCS (1726013-BS1)

Prepared: 28-Jun-17 Analyzed: 05-Jul-17

Benzene	4.84	0.10	mg/kg	5.00		96.8	70-130			
Toluene	4.73	0.10	"	5.00		94.7	70-130			
Ethylbenzene	4.72	0.10	"	5.00		94.4	70-130			
p,m-Xylene	9.40	0.20	"	10.0		94.1	70-130			
o-Xylene	4.61	0.10	"	5.00		92.3	70-130			
Total Xylenes	14.0	0.10	"	15.0		93.5	70-130			

Surrogate: 4-Bromochlorobenzene-PID 7.84 " 8.00 98.0 50-150

##### Matrix Spike (1726013-MS1)

Source: P706039-01

Prepared: 28-Jun-17 Analyzed: 05-Jul-17

Benzene	4.96	0.10	mg/kg	5.00	ND	99.3	54.3-133			
Toluene	4.87	0.10	"	5.00	ND	97.4	61.4-130			
Ethylbenzene	4.85	0.10	"	5.00	ND	97.1	61.4-133			
p,m-Xylene	9.67	0.20	"	10.0	ND	96.7	63.3-131			
o-Xylene	4.74	0.10	"	5.00	ND	94.9	63.3-131			
Total Xylenes	14.4	0.10	"	15.0	ND	96.1	63.3-131			

Surrogate: 4-Bromochlorobenzene-PID 7.88 " 8.00 98.4 50-150

##### Matrix Spike Dup (1726013-MSD1)

Source: P706039-01

Prepared: 28-Jun-17 Analyzed: 05-Jul-17

Benzene	4.97	0.10	mg/kg	5.00	ND	99.3	54.3-133	0.0705	20	
Toluene	4.86	0.10	"	5.00	ND	97.3	61.4-130	0.0534	20	
Ethylbenzene	4.85	0.10	"	5.00	ND	97.0	61.4-133	0.104	20	
p,m-Xylene	9.65	0.20	"	10.0	ND	96.5	63.3-131	0.206	20	
o-Xylene	4.74	0.10	"	5.00	ND	94.8	63.3-131	0.0801	20	
Total Xylenes	14.4	0.10	"	15.0	ND	96.0	63.3-131	0.164	20	

Surrogate: 4-Bromochlorobenzene-PID 7.92 " 8.00 99.0 50-150

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Huntington Energy LLC	Project Name:	Canyon Largo Unit #326	Reported:
908 NW 71st St	Project Number:	06111-0002	05-Jul-17 16:27
Oklahoma City OK, 73116	Project Manager:	Robert Herriott	

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 1726013 - Purge and Trap EPA 5030A

##### Blank (1726013-BLK1)

Prepared: 28-Jun-17 Analyzed: 05-Jul-17

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		"	8.00		106	50-150			

##### LCS (1726013-BS1)

Prepared: 28-Jun-17 Analyzed: 05-Jul-17

Gasoline Range Organics (C6-C10)	63.9	20.0	mg/kg	60.9		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.70		"	8.00		109	50-150			

##### Matrix Spike (1726013-MS1)

Source: P706039-01

Prepared: 28-Jun-17 Analyzed: 05-Jul-17

Gasoline Range Organics (C6-C10)	64.6	20.0	mg/kg	60.9	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.57		"	8.00		107	50-150			

##### Matrix Spike Dup (1726013-MSD1)

Source: P706039-01

Prepared: 28-Jun-17 Analyzed: 05-Jul-17

Gasoline Range Organics (C6-C10)	65.1	20.0	mg/kg	60.9	ND	107	70-130	0.771	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.66		"	8.00		108	50-150			

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Huntington Energy LLC 908 NW 71st St. Oklahoma City OK, 73116	Project Name: Canyon Largo Unit #326 Project Number: 06111-0002 Project Manager: Robert Herritt	Reported: 05-Jul-17 16:27
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### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1726016 - DRO Extraction EPA 3570</b>										
<b>Blank (1726016-BLK1)</b>					Prepared: 29-Jun-17 Analyzed: 30-Jun-17					
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: n-Nonane	55.9		"	50.0		112	50-200			
<b>LCS (1726016-BS1)</b>					Prepared: 29-Jun-17 Analyzed: 30-Jun-17					
Diesel Range Organics (C10-C28)	480	25.0	mg/kg	500		96.0	38-132			
Surrogate: n-Nonane	56.7		"	50.0		113	50-200			
<b>Matrix Spike (1726016-MS1)</b>					Source: P706039-01 Prepared: 29-Jun-17 Analyzed: 30-Jun-17					
Diesel Range Organics (C10-C28)	570	25.0	mg/kg	500	ND	114	38-132			
Surrogate: n-Nonane	62.7		"	50.0		125	50-200			
<b>Matrix Spike Dup (1726016-MSD1)</b>					Source: P706039-01 Prepared: 29-Jun-17 Analyzed: 30-Jun-17					
Diesel Range Organics (C10-C28)	561	25.0	mg/kg	500	ND	112	38-132	1.72	20	
Surrogate: n-Nonane	61.3		"	50.0		123	50-200			

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Huntington Energy LLC 908 NW 71st St. Oklahoma City OK, 73116	Project Name: Canyon Largo Unit #326 Project Number: 06111-0002 Project Manager: Robert Herritt	Reported: 05-Jul-17 16:27
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### Anions by 300.0 - Quality Control

### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1726015 - Anion Extraction EPA 300.0</b>										
<b>Blank (1726015-BLK1)</b>				Prepared & Analyzed: 29-Jun-17						
Chloride	ND	20.0	mg/kg							
<b>LCS (1726015-BS1)</b>				Prepared & Analyzed: 29-Jun-17						
Chloride	255	20.0	mg/kg	250		102	90-110			
<b>Matrix Spike (1726015-MS1)</b>				Source: P706039-01 Prepared & Analyzed: 29-Jun-17						
Chloride	259	20.0	mg/kg	250	ND	103	80-120			
<b>Matrix Spike Dup (1726015-MSD1)</b>				Source: P706039-01 Prepared & Analyzed: 29-Jun-17						
Chloride	260	20.0	mg/kg	250	ND	104	80-120	0.690	20	

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Huntington Energy LLC	Project Name:	Canyon Largo Unit #326	Reported:
908 NW 71st St.	Project Number:	06111-0002	05-Jul-17 16:27
Oklahoma City OK, 73116	Project Manager:	Robert Herritt	

### Total Petroleum Hydrocarbons by 418.1 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1726018 - 418 Freon Extraction</b>										
<b>Blank (1726018-BLK1)</b>					Prepared & Analyzed: 29-Jun-17					
Total Petroleum Hydrocarbons	ND	40.0	mg/kg							
<b>LCS (1726018-BS1)</b>					Prepared & Analyzed: 29-Jun-17					
Total Petroleum Hydrocarbons	1020	40.0	mg/kg	1000		102	80-120			
<b>Matrix Spike (1726018-MS1)</b>					Source: P706039-01 Prepared & Analyzed: 29-Jun-17					
Total Petroleum Hydrocarbons	1080	40.0	mg/kg	1000	76.0	100	70-130			
<b>Matrix Spike Dup (1726018-MSD1)</b>					Source: P706039-01 Prepared & Analyzed: 29-Jun-17					
Total Petroleum Hydrocarbons	1060	40.0	mg/kg	1000	76.0	98.4	70-130	1.50	30	

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Huntington Energy LLC  
908 NW 71st St.  
Oklahoma City OK, 73116

Project Name: Canyon Largo Unit #326  
Project Number: 06111-0002  
Project Manager: Robert Herritt

Reported:  
05-Jul-17 16:27

#### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-23264		<sup>2</sup> Pool Code 17610		<sup>3</sup> Pool Name Devil's Fork Gallup	
<sup>4</sup> Property Code 32660		<sup>5</sup> Property Name Canyon Largo Unit			<sup>6</sup> Well Number 326
<sup>7</sup> OGRID No. 208706		<sup>8</sup> Operator Name Huntington Energy, L.L.C.			<sup>9</sup> Elevation 6765' GL

<sup>10</sup> Surface Location

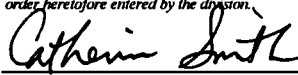
UL or lot no. C	Section 33	Township 25N	Range 6W	Lot Idn	Feet from the 790	North/South line North	Feet from the 1650	East/West line West	County Rio Arriba
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<sup>16</sup> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 5px;">1650'</div> <div style="border: 1px solid black; padding: 5px;">790'</div> </div>				<b><sup>17</sup> OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">             Signature         </div> <div style="text-align: center;">           7/25/2017            Date         </div> </div> <div style="border-top: 1px solid black; padding-top: 5px;">           Catherine Smith            Printed Name         </div> <div style="border-top: 1px solid black; padding-top: 5px;">           csmith@huntingtonenergy.com            E-mail Address         </div>
		33		<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> <div style="border-top: 1px solid black; padding-top: 5px;">           Date of Survey         </div> <div style="border-top: 1px solid black; padding-top: 5px;">           Signature and Seal of Professional Surveyor:         </div> <div style="border-top: 1px solid black; padding-top: 5px;">           Certificate Number         </div>

17610 - Devils Fork Gallup

32660 Property Canyon Largo Unit

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-71

All distances must be from the outer boundaries of the Section.

Operator EL PASO NATURAL GAS COMPANY			Lease Canyon Largo Unit (SF 078875)		Well No. 326
Unit Letter C	Section 33	Township 25-N	Range 6-W	County Rio Arriba	
Actual Postage Location of Well:					
790 feet from the North line and		1650 feet from the West line			
Ground Level Elev. 6765	Producing Formation Gallup	Pool Devils Fork Gallup	Dedicated Acreage: 160.00 Acres		

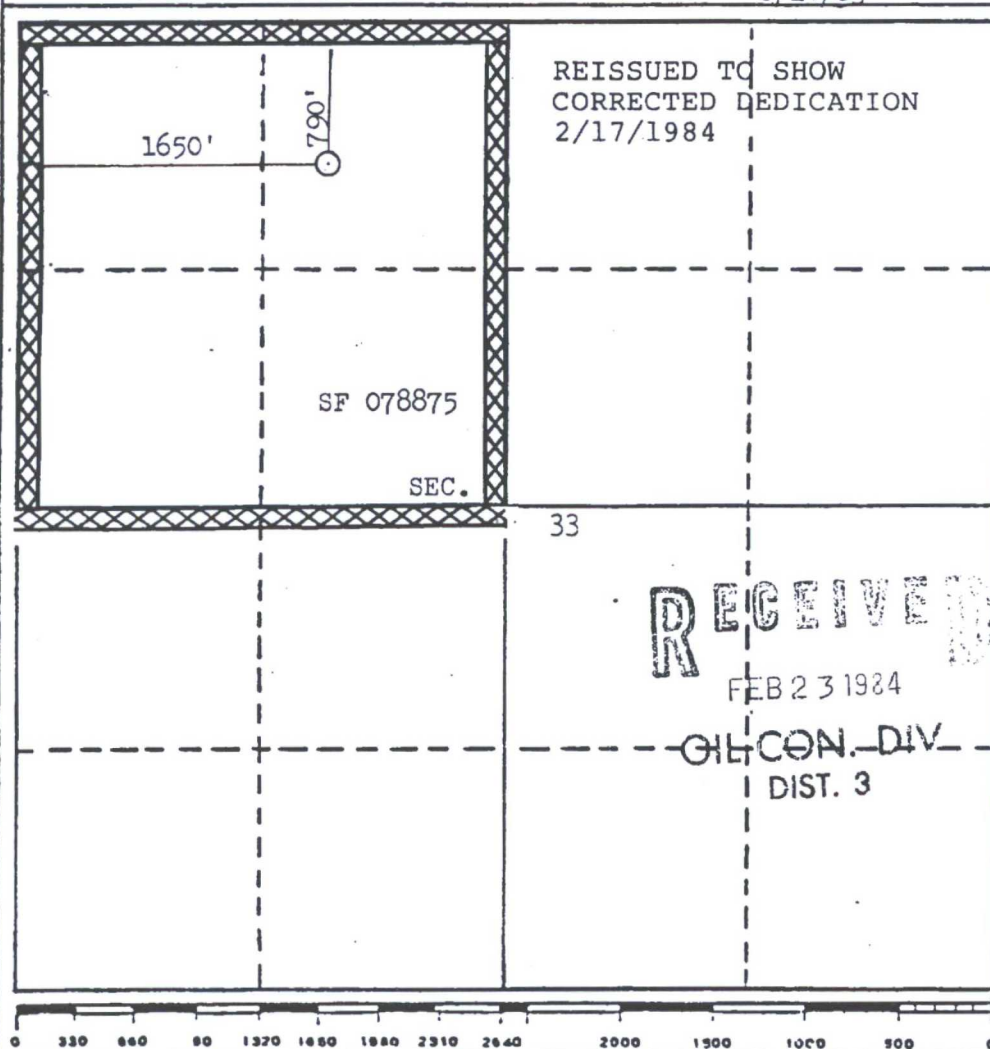
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

REISSUED TO SHOW NEW LOCATION OF WELL 6/14/83



## CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*A. G. Buisco*

Name

Drilling Clerk

Position

El Paso Natural Gas Company

Company

February 21, 1984

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

May 2, 1983

Registered Professional Engineer  
and/or Land Surveyor
*Paul D. Olsen*

Certificate No.

1760