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 June 6, 2013

**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

13205

OIL CONS. DIV DIST. 3

NOV 04 2015

45-35255

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: Burlington Resources Oil & Gas Company, LP OGRID #: 14538
Address: P.O. Box 4289, Farmington, New Mexico 87499
Facility or well name: East 6N
API Number: 30-045-35255 OCD Permit Number: _____
U/L or Qtr/Qtr F (SENW) Section 23 Township 31 N Range 12 W County: San Juan
Center of Proposed Design: Latitude 36.885497 °N Longitude -108.071491 °W NAD: 1927 ☐ 1983 ☒
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 20 mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☒ String-Reinforced
Liner Seams: ☒ Welded ☒ Factory ☐ Other _____ Volume: 7700 bbl bbl Dimensions: L 120' x W 55' x D 12'

3.
☐ **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 ☐ HDPE ☐ PVC ☐ Other _____

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 4' field fencing with one strand barbed wire on top.



dlb 31

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.** ☐ Yes ☐ No ☐ NA

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

**Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit .** ☐ Yes ☐ No ☐ NA

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

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)** ☐ Yes ☐ No

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

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** ☐ Yes ☐ No

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

Within an unstable area. **(Does not apply to below grade tanks)** ☐ Yes ☐ No

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

Within a 100-year floodplain. **(Does not apply to below grade tanks)** ☐ Yes ☐ No

- FEMA map

## 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). ☐ Yes ☐ No

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

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. ☐ Yes ☐ No

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

## 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.) ☐ Yes ☐ No

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

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. ☐ Yes ☐ No

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

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. ☐ Yes ☐ No

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

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 $H_2S$, 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.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ Yes ☐ No<br>☐ NA |
| Ground water is between 25-50 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ Yes ☐ No<br>☐ NA |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ Yes ☐ No<br>☐ 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).<br>- 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.<br>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | ☐ Yes ☐ 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.<br>- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | ☐ Yes ☐ No |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality | ☐ Yes ☐ No |
| Within 300 feet of a wetland.<br>US Fish and Wildlife Wetland Identification map; Topographic map; 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.<br>- Written confirmation or verification from the municipality; Written approval obtained from the municipality | ☐ Yes ☐ No |
| Within the area overlying a subsurface mine.<br>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division | ☐ Yes ☐ No |
| Within an unstable area.<br>- 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.<br>- 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: _____(505) _____

18.
**OCD Approval:** ☐ Permit Application (including closure plan) ☒ Closure ~~Plan (only)~~ ☐ OCD Conditions (see attachment)

**OCD Representative Signature:** _____ **Approval Date:** 11/30/15

**Title:** Environmental Spec. **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:** 09/15/2015

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.

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
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36° 53' 136 N Longitude -108° 04' 278 W NAD: ☐1927 ☒ 1983

22.

**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): Crystal Walker Title: Regulatory Coordinator

Signature: Crystal Walker Date: 11/3/15

e-mail address: crystal.walker@cop.com Telephone: (505) 326-9837

**Burlington Resources Oil & Gas Company, LP**
**San Juan Basin**
**Closure Report**

**Lease Name: East 6N**
**API No.: 30-045-35255**

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date.

- Details on Capping and Covering, where applicable. **(See report)**
- Plot Plan (Pit Diagram) **(Included as an attachment)**
- Inspection Reports **(Included as an attachment)**
- Sampling Results **(Included as an attachment)**
- C-105 **(Included as an attachment)**
- Copy of Deed Notice will be filed with County Clerk **(Not required on Federal, State, or Tribal land as stated by FAQ dated October 30, 2008)**

**General Plan:**

1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division–approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves.

   **All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B).**

2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.

   **The pit was closed using onsite burial.**

3. The surface owner shall be notified of BR's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.

   **The closure process notification to the landowner was sent via email. (See Attached)(Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)**

4. Within 6 months of the Rig Off status occurring BR will ensure that temporary pits are closed, re-contoured, and reseeded.

   **The closure plan requirements were met due to rig move off date as noted on C-105.**

5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
   i. Operator's name
   ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

   **Notification is attached.**

6. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and

mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

**Burlington mixed the Pit contents with non-waste containing, earthen material in order to achieve the solidification process. The solidification process was accomplished by using a combination of natural drying and mechanically mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio consisted of approximately 3 parts clean soil to 1 part pit contents.**

7. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

**A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)( 1 )(b). (Sample results attached).**

| Components | Tests Method | Limit (mg/Kg) | Results |
|---|---|---|---|
| Benzene | EPA SW-846 8021B or 8260B | 0.2 | ND ug/kg |
| BTEX | EPA SW-846 8021B or 8260B | 50 | .726 ug/kG |
| TPH | EPA SW-846 418.1 | 2500 | 260 mg/kg |
| GRO/DRO | EPA SW-846 8015M | 500 | 82 mg/Kg |
| Chlorides | EPA 300.0 | 500 | 140 mg/L |

8. BR will fold the outer edges of the liner to overlap the waste material prior to the installation of a geomembrane cover. Install a geomembrane cover over the waste material in the lined temporary pit and in a manner that prevents the collection of infiltration water in the lined temporary pit and on the geomembrane cover after the soil cover is in place; the geomembrane cover shall consist of a 20-mil string reinforced LLDPE liner or equivalent cover that the division district office approves; the geomembrane cover shall be composed of an impervious, synthetic material that is resistant to petroleum hydrocarbons, salts and acidic and alkaline solutions; cover compatibility shall comply with EPA SW-845 Method 9090A.

**The edges of the liner were folded to overlap the waste material and a 20-mil string reinforced LLDPE geomembrane cover was installed over the waste material to prevent the collection of infiltration water into the lined temporary pit and on the cover.**

9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. If standard testing fails BR will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.

**The pit material passed solidification and testing standards. The pit area was then backfilled with compacted, non-waste containing, earthen material. More than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.**

10. During the stabilization process if the liner is ripped by equipment the Aztec OCD office will be notified within 48 hours and the liner will be repaired if possible. If the liner can not be repaired then all contents will be excavated and removed.

**The integrity of the liner was not damaged in the pit closure process.**

11. Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011

**Dig and Haul was not required**.

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

    **The pit area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping included drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final re-contour has a uniform appearance with smooth surface, fitting the natural landscape.**

13. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

    **Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.**

14. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

    **Provision 14 was accomplished by installing a steel marker in the temporary pit, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial. The marker is flush with the ground to allow access of the active well pad and for safety concerns. The top of the marker contains a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate contains the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.**

    **The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, BLM, East 6N , UL-F , Sec. 23 , T 31N, R 12W, API # 30-045-35255**

**Goodwin, Jamie L**

**To:** 'Mark_Kelly@blm.gov'
**Subject:** SURFACE OWNER NOTIFICATIN - EAST 6N

The subject well (EAST 6N) will have a temporary pit closed on-sit. Please let me know if you have any questions or concerns.

Thank you,

*Jamie Goodwin*
*ConocoPhillips*
*505-326-9784*
*Jamie.L.Goodwin@conocophillips.com*

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 July 16, 2010

Submit One Copy to Appropriate District Office

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

| [1] API Number | [2] Pool Code | [3] Pool Name |
|---|---|---|
| | | BASIN DAKOTA/BLANCO MESAVERDE |

| [4] Property Code | [5] Property Name | [6] Well Number |
|---|---|---|
| | EAST | 6N |

| [7] OGRID No. | [8] Operator Name | [9] Elevation |
|---|---|---|
| | BURLINGTON RESOURCES OIL & GAS COMPANY LP | 6157' |

## [10] Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---|---|---|---|---|---|---|---|---|
| F | 23 | 31-N | 12-W | | 2335 | NORTH | 1540 | WEST | SAN JUAN |

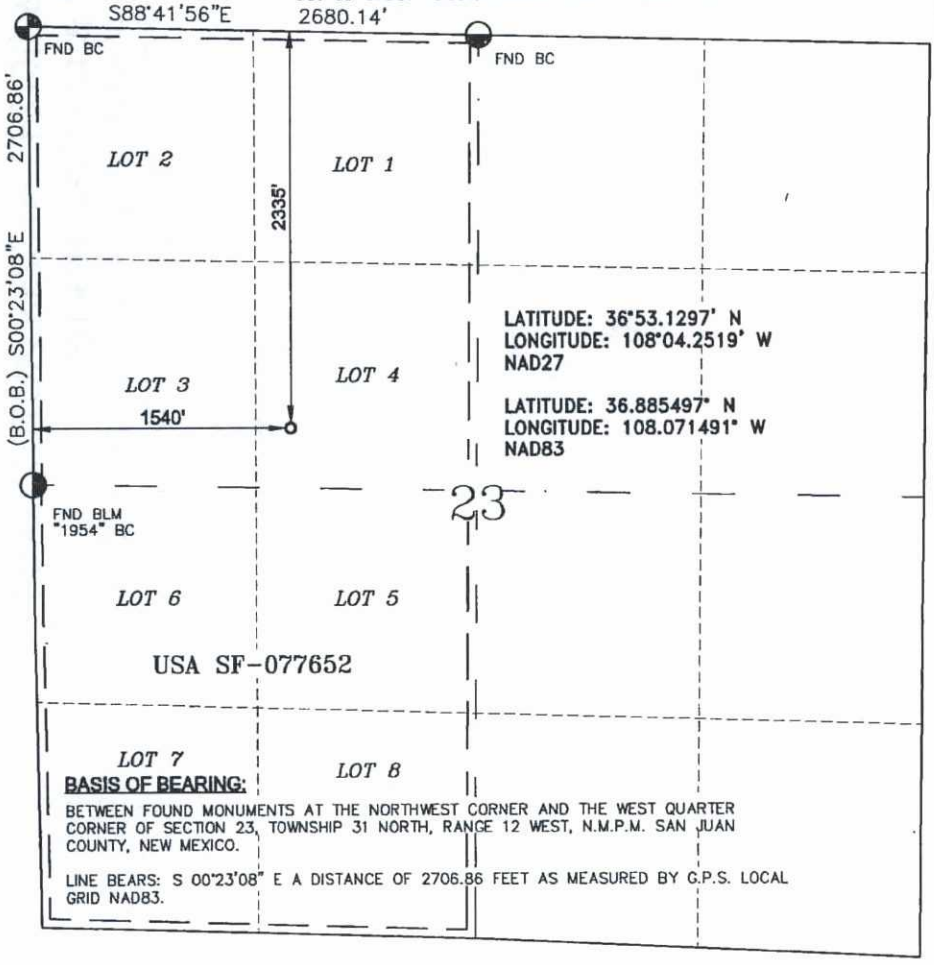
## [11] Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| [12] Dedicated Acres | [13] Joint or Infill | [14] Consolidation Code | [15] Order No. |
|---|---|---|---|
| DK 321.06 ACRES W/2<br>MV 321.06 ACRES W/2 | | | |

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

[16]




**BASIS OF BEARING:**

BETWEEN FOUND MONUMENTS AT THE NORTHWEST CORNER AND THE WEST QUARTER CORNER OF SECTION 23, TOWNSHIP 31 NORTH, RANGE 12 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.

LINE BEARS: S 00°23'08" E A DISTANCE OF 2706.86 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.

## [17] OPERATOR CERTIFICATION

*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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Signature

Printed Name

## [18] SURVEYOR CERTIFICATION

*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.*

11/10/2010
Date of Survey

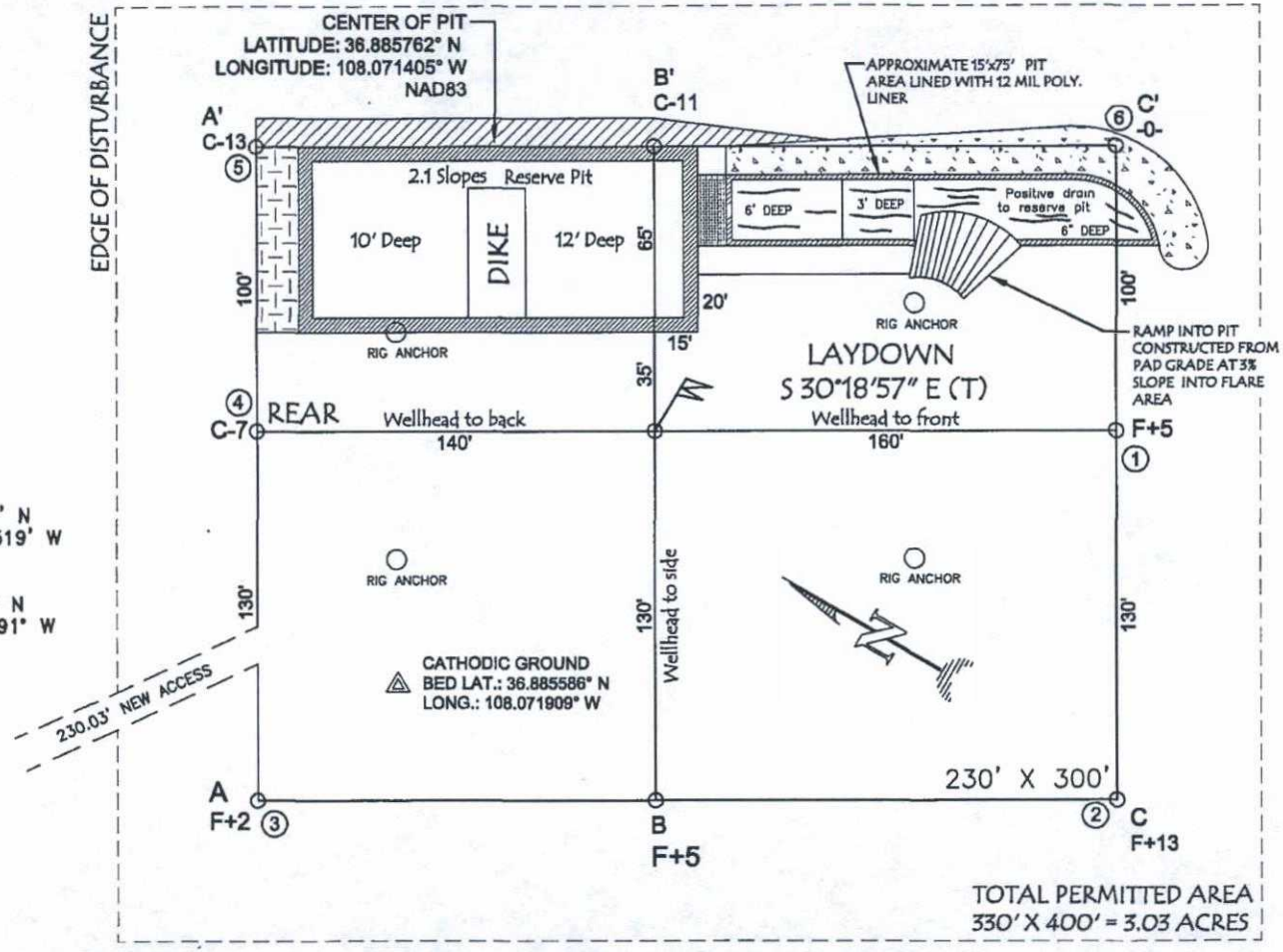
Signature and Seal of Professional Surveyor

GLEN W. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR

GLEN W. RUSSELL
Certificate Number 15703

# BURLINGTON RESOURCES OIL & GAS COMPANY LP

## EAST #6N, 2335' FNL & 1540' FWL
## SECTION 23, T-31-N, R-12-W, NMPM, SAN JUAN COUNTY, NM
## GROUND ELEVATION: 6157', DATE: OCTOBER 4, 2010




TOTAL PERMITTED AREA
330' X 400' = 3.03 ACRES

NOTES:

1. VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
2. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

30' 0 30' 60'

Scale: 1" = 60'

Submit To Appropriate District Office
Two 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. **30-045-35255**
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN
3. State Oil & Gas Lease No. **SF-077652**

# 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: **East**
6. Well Number: **6N**

7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator: **Burlington Resources Oil & Gas Company, LP**
9. OGRID: **14538**
10. Address of Operator: PO Box 4298, Farmington, NM 87499
11. Pool name or Wildcat

| 12.Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
|---|---|---|---|---|---|---|---|---|---|---|
| **SH:** | | | | | | | | | | |
| **BH:** | | | | | | | | | | |

| 13. Date Spudded | 14. Date T.D. Reached | 15. Date Rig Released | 16. Date Completed (Ready to Produce) | 17. Elevations (DF and RKB, RT, GR, etc.) |
|---|---|---|---|---|
| | | **03/13/2015** | | **6157' GL** |

| 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

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|---|---|---|---|---|
| | | | | |
| | | | | |

25. TUBING RECORD

| 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 *(Flowing, gas lift, pumping - Size and type pump)* | Well Status *(Prod. or Shut-in)* |
|---|---|---|
| | | |

| 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 - *(Corr.)* |
|---|---|---|---|---|---|---|
| | | | | | | |

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° 53' 136 N** Longitude **-108° 04' 278** W NAD ☐1927 ☒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 Crystal Walker Printed Name Crystal Walker Title: Regulatory Coordinator Date: 11/3/15

E-mail Address crystal.walker@conocophillips.com

HALL ENVIRONMENTAL ANALYSIS LABORATORY

*Hall Environmental Analysis Laboratory*
*4901 Hawkins NE*
*Albuquerque, NM 87109*
*TEL: 505-345-3975 FAX: 505-345-4107*
*Website: www.hallenvironmental.com*

July 22, 2015

Mike Smith
Conoco Phillips
5525 Hwy 64 (3401 E. 30th St)
Farmington, NM 87402
TEL: (505) 320-0699
FAX

RE: East 6N OrderNo.: 1507692

Dear Mike Smith:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/16/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

**Analytical Report**
Lab Order **1507692**
Date Reported: **7/22/2015**

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Conoco Phillips
**Project:** East 6N
**Lab ID:** 1507692-001 **Matrix:** SOIL

**Client Sample ID:** Background
**Collection Date:** 7/14/2015 2:30:00 PM
**Received Date:** 7/16/2015 7:10:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 418.1: TPH** | | | | | | Analyst: **KJH** | |
| Petroleum Hydrocarbons, TR | ND | 19 | | mg/Kg | 1 | 7/17/2015 | 20290 |
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **LGT** | |
| Chloride | ND | 30 | | mg/Kg | 20 | 7/21/2015 12:20:04 PM | 20336 |
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **JME** | |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg | 1 | 7/18/2015 3:01:10 AM | 20285 |
| Surr: DNOP | 118 | 57.9-140 | | %REC | 1 | 7/18/2015 3:01:10 AM | 20285 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 7/17/2015 12:23:12 PM | 20283 |
| Surr: BFB | 91.0 | 75.4-113 | | %REC | 1 | 7/17/2015 12:23:12 PM | 20283 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.048 | | mg/Kg | 1 | 7/17/2015 12:23:12 PM | 20283 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 7/17/2015 12:23:12 PM | 20283 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 7/17/2015 12:23:12 PM | 20283 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 7/17/2015 12:23:12 PM | 20283 |
| Surr: 4-Bromofluorobenzene | 96.7 | 80-120 | | %REC | 1 | 7/17/2015 12:23:12 PM | 20283 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| O | RSD is greater than RSDlimit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | Spike Recovery outside accepted recovery limits | | |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Conoco Phillips
**Project:** East 6N
**Lab ID:** 1507692-002 **Matrix:** SOIL

**Client Sample ID:** Reserve Pit
**Collection Date:** 7/14/2015 2:35:00 PM
**Received Date:** 7/16/2015 7:10:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 418.1: TPH** | | | | | | Analyst: **KJH** | |
| Petroleum Hydrocarbons, TR | 260 | 20 | | mg/Kg | 1 | 7/17/2015 | 20290 |
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **LGT** | |
| Chloride | 140 | 30 | | mg/Kg | 20 | 7/21/2015 12:32:28 PM | 20336 |
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **JME** | |
| Diesel Range Organics (DRO) | 68 | 10 | | mg/Kg | 1 | 7/20/2015 9:14:16 AM | 20285 |
| Surr: DNOP | 111 | 57.9-140 | | %REC | 1 | 7/20/2015 9:14:16 AM | 20285 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | 14 | 4.9 | | mg/Kg | 1 | 7/17/2015 1:49:31 PM | 20283 |
| Surr: BFB | 170 | 75.4-113 | S | %REC | 1 | 7/17/2015 1:49:31 PM | 20283 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.049 | | mg/Kg | 1 | 7/17/2015 1:49:31 PM | 20283 |
| Toluene | 0.16 | 0.049 | | mg/Kg | 1 | 7/17/2015 1:49:31 PM | 20283 |
| Ethylbenzene | 0.056 | 0.049 | | mg/Kg | 1 | 7/17/2015 1:49:31 PM | 20283 |
| Xylenes, Total | 0.51 | 0.099 | | mg/Kg | 1 | 7/17/2015 1:49:31 PM | 20283 |
| Surr: 4-Bromofluorobenzene | 118 | 80-120 | | %REC | 1 | 7/17/2015 1:49:31 PM | 20283 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| O | RSD is greater than RSDlimit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | Spike Recovery outside accepted recovery limits | | |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1507692**

*22-Jul-15*

**Client:** Conoco Phillips
**Project:** East 6N

| Sample ID | **MB-20290** | SampType: | **MBLK** | | TestCode: | **EPA Method 418.1: TPH** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBS** | Batch ID: | **20290** | | RunNo: | **27575** | | | | |
| Prep Date: | **7/16/2015** | Analysis Date: | **7/17/2015** | | SeqNo: | **827846** | Units: | **mg/Kg** | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR | ND | 20 | | | | | | | | |

| Sample ID | **LCS-20290** | SampType: | **LCS** | | TestCode: | **EPA Method 418.1: TPH** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSS** | Batch ID: | **20290** | | RunNo: | **27575** | | | | |
| Prep Date: | **7/16/2015** | Analysis Date: | **7/17/2015** | | SeqNo: | **827847** | Units: | **mg/Kg** | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR | 88 | 20 | 100.0 | 0 | 87.7 | 83.6 | 116 | | | |

| Sample ID | **LCSD-20290** | SampType: | **LCSD** | | TestCode: | **EPA Method 418.1: TPH** | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSS02** | Batch ID: | **20290** | | RunNo: | **27575** | | | | |
| Prep Date: | **7/16/2015** | Analysis Date: | **7/17/2015** | | SeqNo: | **827848** | Units: | **mg/Kg** | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR | 100 | 20 | 100.0 | 0 | 101 | 83.6 | 116 | 14.3 | 20 | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1507692**

*22-Jul-15*

**Client:** Conoco Phillips
**Project:** East 6N

| Sample ID **1507692-001AMS** | SampType: **MS** | | | TestCode: **EPA Method 8015M/D: Diesel Range Organics** | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Client ID: **Background** | Batch ID: **20285** | | | RunNo: **27574** | | | | | |
| Prep Date: **7/16/2015** | Analysis Date: **7/18/2015** | | | SeqNo: **828311** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 50 | 10 | 49.95 | 0 | 100 | 42.3 | 146 | | | |
| Surr: DNOP | 5.8 | | 4.995 | | 117 | 57.9 | 140 | | | |

| Sample ID **1507692-001AMSD** | SampType: **MSD** | | | TestCode: **EPA Method 8015M/D: Diesel Range Organics** | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Client ID: **Background** | Batch ID: **20285** | | | RunNo: **27574** | | | | | |
| Prep Date: **7/16/2015** | Analysis Date: **7/18/2015** | | | SeqNo: **828312** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 42 | 9.8 | 48.88 | 0 | 86.7 | 42.3 | 146 | 16.8 | 28.9 | |
| Surr: DNOP | 5.1 | | 4.888 | | 105 | 57.9 | 140 | 0 | 0 | |

| Sample ID **MB-20285** | SampType: **MBLK** | | | TestCode: **EPA Method 8015M/D: Diesel Range Organics** | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBS** | Batch ID: **20285** | | | RunNo: **27574** | | | | | |
| Prep Date: **7/16/2015** | Analysis Date: **7/18/2015** | | | SeqNo: **828348** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 113 | 57.9 | 140 | | | |

| Sample ID **LCS-20285** | SampType: **LCS** | | | TestCode: **EPA Method 8015M/D: Diesel Range Organics** | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSS** | Batch ID: **20285** | | | RunNo: **27574** | | | | | |
| Prep Date: **7/16/2015** | Analysis Date: **7/18/2015** | | | SeqNo: **828353** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47 | 10 | 50.00 | 0 | 93.1 | 57.4 | 139 | | | |
| Surr: DNOP | 5.6 | | 5.000 | | 112 | 57.9 | 140 | | | |

| Sample ID **MB-20320** | SampType: **MBLK** | | | TestCode: **EPA Method 8015M/D: Diesel Range Organics** | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Client ID: **PBS** | Batch ID: **20320** | | | RunNo: **27597** | | | | | |
| Prep Date: **7/20/2015** | Analysis Date: **7/20/2015** | | | SeqNo: **828718** | | Units: **%REC** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 11 | | 10.00 | | 107 | 57.9 | 140 | | | |

| Sample ID **LCS-20320** | SampType: **LCS** | | | TestCode: **EPA Method 8015M/D: Diesel Range Organics** | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Client ID: **LCSS** | Batch ID: **20320** | | | RunNo: **27597** | | | | | |
| Prep Date: **7/20/2015** | Analysis Date: **7/20/2015** | | | SeqNo: **828719** | | Units: **%REC** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.2 | | 5.000 | | 105 | 57.9 | 140 | | | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1507692**

*22-Jul-15*

**Client:** Conoco Phillips
**Project:** East 6N

| Sample ID **MB-20283** | SampType: **MBLK** | TestCode: **EPA Method 8015D: Gasoline Range** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **20283** | RunNo: **27583** |
| Prep Date: **7/16/2015** | Analysis Date: **7/17/2015** | SeqNo: **828137** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 910 | | 1000 | | 90.5 | 75.4 | 113 | | | |

| Sample ID **LCS-20283** | SampType: **LCS** | TestCode: **EPA Method 8015D: Gasoline Range** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **20283** | RunNo: **27583** |
| Prep Date: **7/16/2015** | Analysis Date: **7/17/2015** | SeqNo: **828138** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | 27 | 5.0 | 25.00 | 0 | 106 | 64 | 130 | | | |
| Surr: BFB | 980 | | 1000 | | 98.1 | 75.4 | 113 | | | |

| Sample ID **1507692-001AMS** | SampType: **MS** | TestCode: **EPA Method 8015D: Gasoline Range** |
|---|---|---|
| Client ID: **Background** | Batch ID: **20283** | RunNo: **27583** |
| Prep Date: **7/16/2015** | Analysis Date: **7/17/2015** | SeqNo: **828140** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | 26 | 4.8 | 23.92 | 0 | 107 | 62.5 | 151 | | | |
| Surr: BFB | 970 | | 956.9 | | 101 | 75.4 | 113 | | | |

| Sample ID **1507692-001AMSD** | SampType: **MSD** | TestCode: **EPA Method 8015D: Gasoline Range** |
|---|---|---|
| Client ID: **Background** | Batch ID: **20283** | RunNo: **27583** |
| Prep Date: **7/16/2015** | Analysis Date: **7/17/2015** | SeqNo: **828141** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | 26 | 4.8 | 23.85 | 0 | 108 | 62.5 | 151 | 0.684 | 22.1 | |
| Surr: BFB | 940 | | 954.2 | | 98.0 | 75.4 | 113 | 0 | 0 | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1507692**

*22-Jul-15*

**Client:** Conoco Phillips
**Project:** East 6N

| Sample ID **MB-20283** | SampType: **MBLK** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **20283** | RunNo: **27583** |
| Prep Date: **7/16/2015** | Analysis Date: **7/17/2015** | SeqNo: **828181** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.050 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.98 | | 1.000 | | 98.0 | 80 | 120 | | | |

| Sample ID **LCS-20283** | SampType: **LCS** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **20283** | RunNo: **27583** |
| Prep Date: **7/16/2015** | Analysis Date: **7/17/2015** | SeqNo: **828182** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.0 | 0.050 | 1.000 | 0 | 99.5 | 76.6 | 128 | | | |
| Toluene | 0.96 | 0.050 | 1.000 | 0 | 95.7 | 75 | 124 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 100 | 79.5 | 126 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 101 | 78.8 | 124 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 104 | 80 | 120 | | | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

*Hall Environmental Analysis Laboratory*
*4901 Hawkins NE*
*Albuquerque, NM 87109*
*TEL: 505-345-3975 FAX: 505-345-4107*
*Website: www.hallenvironmental.com*

# Sample Log-In Check List

Client Name: Conoco Phillips Farm HW  Work Order Number: 1507692  RcptNo: 1

Received by/date: AT 07/16/15

Logged By: Ashley Gallegos 7/16/2015 7:10:00 AM

Completed By: Ashley Gallegos 7/16/2015 8:57:55 AM

Reviewed By: CS 07/16/15

## Chain of Custody

| | | | |
|---|---|---|---|
| 1. Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| 2. Is Chain of Custody complete? | Yes ☑ | No ☐ | Not Present ☐ |
| 3. How was the sample delivered? | Courier | | |

## Log In

| | | | |
|---|---|---|---|
| 4. Was an attempt made to cool the samples? | Yes ☑ | No ☐ | NA ☐ |
| 5. Were all samples received at a temperature of >0° C to 6.0°C | Yes ☑ | No ☐ | NA ☐ |
| 6. Sample(s) in proper container(s)? | Yes ☑ | No ☐ | |
| 7. Sufficient sample volume for indicated test(s)? | Yes ☑ | No ☐ | |
| 8. Are samples (except VOA and ONG) properly preserved? | Yes ☑ | No ☐ | |
| 9. Was preservative added to bottles? | Yes ☐ | No ☑ | NA ☐ |
| 10. VOA vials have zero headspace? | Yes ☐ | No ☐ | No VOA Vials ☑ |
| 11. Were any sample containers received broken? | Yes ☐ | No ☑ | |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes ☑ | No ☐ | |
| 13. Are matrices correctly identified on Chain of Custody? | Yes ☑ | No ☐ | |
| 14. Is it clear what analyses were requested? | Yes ☑ | No ☐ | |
| 15. Were all holding times able to be met? (If no, notify customer for authorization.) | Yes ☑ | No ☐ | |

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

## Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|---|---|---|---|---|---|---|
| 1 | 3.6 | Good | Yes | | | |

# Chain-of-Custody Record

Client: Conoco Phillips

Mailing Address:

Phone #: (505) 320-2492

email or Fax#: mike.w.smith@conocophillips.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☒ Rush 3 day

Project Name: East 6N

Project #:

Project Manager: Mike Smith

Sampler: Jared Chavez
On Ice: ☒ Yes ☐ No
Sample Temperature: 3.6

**HALL ENVIRONMENTAL ANALYSIS LABORATORY**
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

**Analysis Request**

| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. 1507092 | BTEX + ~~MTBE + TMB's~~ VOC (8021) | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRO / DRO / MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Chlorides 300.0 | | | | Air Bubbles (Y or N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7/14/15 | 14:30 | Soil | Background | 1-4oz | Cool | -001 | X | | X | X | | | | | | | | X | | | | |
| 14/15 | 14:35 | Soil | Reserve Pit | 1-4oz | Cool | -002 | X | | X | X | | | | | | | | X | | | | |

| Date: | Time: | Relinquished by: | Received by: | Date | Time |
|---|---|---|---|---|---|
| 7/14/15 | 15:45 | | Stephanie Hurds | 7/14/15 | 15:45 |
| Date: | Time: | Relinquished by: | Received by: | Date | Time |
| 7/15/15 | 17:00 | Stephanie Hurds | | 07/16/15 | 0710 |

Remarks: Bill to Conoco Phillips
WO: 10374783
User ID: KGARCIA
AC: D260

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

ConocoPhillips

## Pit Closure Form:

**Date:** 9-30-15

**Well Name:** East #6N

**Footages:** 2335' FNL & 1540 FWL **Unit Letter:** F

**Section:** 23, **T-** 31 **-N, R-** 12 **-W, County:** San Juan **State:** N.M.

**Contractor Closing Pit:** JD Ritter Construction

**Pit Closure Start Date:** 9-10-15

**Pit Closure Complete Date:** 9-15-15

**Construction Inspector:** Jerrell Bassett **Date:** 9-30-15

**Inspector Signature:** Jerrell Bassett

Revised 11/4/10

Office Use Only:
Subtask _____
DSM _____
Folder _____

## Walker, Crystal

**From:** Payne, Wendy F
**Sent:** Thursday, September 03, 2015 3:02 PM
**To:** (Brandon.Powell@state.nm.us); GRP:SJBU Regulatory; Horton Dwayne (ddhorton41 @hotmail.com); Jonathan Kelly; Scott Smith; Smith Cory - OCD office (Cory.Smith@state.nm.us); Craig Willems; Mark Kelly; Mike Flaniken; Randy McKee; Robert Switzer; Roger Herrera; Sherrie Landon; GRP:SJBU Projects Civil Facility; Peter, Dan J; Birchfield, Jack D; Brant Fourr; Frost, Ryan M; Goosey, Paul P; Gordon Chenault; Green, Cary Green J; GRP:PTRRC-SJ; GRP:SJBU Production Leads; Hamilton, Clayton C; Leboeuf, Davin J; Murphy, Mike R; Nelson, Garry D; Neuenschwander, Chris C; O'Nan, Mike J.; Peace, James T; Proctor, Freddy E; Roberts, Vance L.; Schaaphok, Bill; Smith, Randall O; Spearman, Bobby E; Stamets, Steve A; Wyckoff, Ervin E
**Cc:** GRP:SJBU Projects Civil Facility; Bassett, Jarrell (Producers Assistance Corp.)
**Subject:** Full Interim Reclamation Notice: East 6N (area 1 * Run 101)

**Importance:** High

**JD Ritter** will move a tractor to the **East 6N** to start the full reclamation process including closing the temporary pit on **Thursday, September 10, 2015**. If you have any questions or need further assistance please contact Jerrell Bassett (505-947-5623).
Driving directions are attached.

EAST 6N.pdf

Burlington Resources Well – Network # 10374783 – Activity Code D250 (reclamation) and D260 ( pit closure)– PO:KGarcia
San Juan County, NM

## East 6N – BLM/BLM

Onsite: 12/16/10 – Roger Herrera
***No Twin***
2335' FNL & 1540' FWL
Sec. 23, T31N, R12W
Unit Letter " F "
Lease # SF-077652
Latitude: 36° 53' 08" N (NAD 83)
Longitude: 108° 04' 17" W (NAD 83)
Elevation: 6157'
Total Acres Disturbed: 3.19 acres
Access Road: 230.03' new
API # 30-045-35255
Within City Limits: No
Pit Lined: **YES**

**NOTE: Arch Monitoring is NOT required on this location.**

***Wendy Payne***
**ConocoPhillips-SJBU**
**505-326-9533**
*Wendy.F.Payne@conocophillips.com*

ConocoPhillips

**Reclamation Form:**

**Date:** 9-24-15

**Well Name:** East #6N

**Footages:** ~~2335' FNL & 1540 FWL~~ **Unit Letter:** ~~F~~

**Section:** 23, **T-** 31 **-N, R-** 12 **-W, County:** San Juan **State:** N.M.

**Reclamation Contractor:** JD RITTER CONSTRUCTION

**Reclamation Start Date:** 9-16-15

**Reclamation Complete Date:** 9-22-15

**Road Completion Date:** 9-22-15

**Seeding Date:** 9-22-15

****PIT MARKER STATUS (When Required):** Picture of Marker set needed

**MARKER PLACED :** 9-23-15 **(DATE)**

**LATATUDE:** 36° 53.136 N NMM

**LONGITUDE:** 108° 04.278 W

**Pit Manifold removed** 9-15-15 **(DATE)**

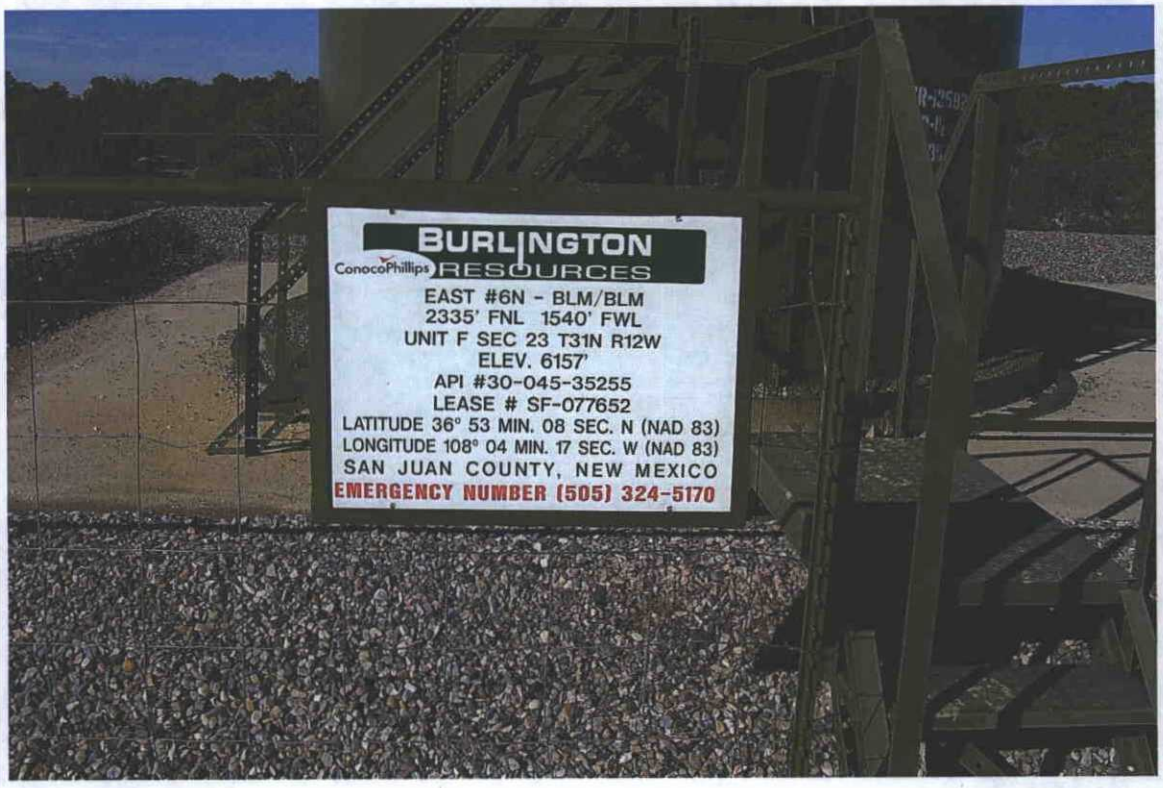
**Construction Inspector:** JERRELL BASSETT **Date:** 9-24-15

**Inspector Signature:** Jerrell Bassett

**Office Use Only: Subtask** _____ **DSM** _____ **Folder** _____ **Pictures** _____

Revised 6/14/2012


East #6N
BLM
OBL


BURLINGTON
ConocoPhillips RESOURCES
EAST #6N - BLM/BLM
2335' FNL 1540' FWL
UNIT F SEC 23 T31N R12W
ELEV. 6157'
API #30-045-35255
LEASE # SF-077652
LATITUDE 36° 53 MIN. 08 SEC. N (NAD 83)
LONGITUDE 108° 04 MIN. 17 SEC. W (NAD 83)
SAN JUAN COUNTY, NEW MEXICO
EMERGENCY NUMBER (505) 324-5170

| WELL NAME: East 6N | OPEN PIT INSPECTION FORM | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| INSPECTOR | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | R. Alexander | S. Mobley |
| DATE | 03/05/15 | 03/20/15 | 03/23/15 | 03/31/15 | 04/05/15 | 04/20/15 | 04/28/15 | 05/04/15 | 05/13/15 |
| *Please request for pit extention after 26 weeks | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 |
| PIT STATUS | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up |
| LOCATION — Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.) | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| LOCATION — Is the temporary well sign on location and visible from access road? | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the access road in good driving condition? (deep ruts, bladed) | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Are the culverts free from debris or any object preventing flow? | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the top of the location bladed and in good operating condition? | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the fence stock-proof? (fences tight, barbed wire, fence clips in place? | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.) | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.) | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☑ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Does the pit contain two feet of free board? (check the water levels) | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is there any standing water on the blow pit? | ☐ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| ENVIRONMENTAL COMPLIANCE — Are the pits free of trash and oil? | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Are there diversion ditches around the pits for natural drainage? | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is there a Manifold on location? | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the Manifold free of leaks? Are the hoses in good condition? | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| OCD — Was the OCD contacted? | ☐ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| PICTURE TAKEN | ☐ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| COMMENTS | Rig on Location | | | Reported stains - will clean next week | | CMP@ takeoff damaged but flowing; Slight damage to road from truck traffic during iclement | | | Called to have storm water pulled from pit |

| WELL NAME: East 6N | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | INSPECTOR | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley |
| | DATE | 05/18/15 | 05/28/15 | 06/02/15 | 06/09/15 | 06/15/15 | 06/24/15 | 06/29/15 | 07/06/15 | 07/13/15 |
| | *Please request for pit extention after 26 weeks | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 | Week 15 | Week 16 | Week 17 | Week 18 |
| | PIT STATUS | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up |
| LOCATION | Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Is the temporary well sign on location and visible from access road? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is the access road in good driving condition? (deep ruts, bladed) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Are the culverts free from debris or any object preventing flow? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Is the top of the location bladed and in good operating condition? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Is the fence stock-proof? (fences tight, barbed wire, fence clips in place? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Does the pit contain two feet of free board? (check the water levels) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Is there any standing water on the blow pit? | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| | Are the pits free of trash and oil? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Are there diversion ditches around the pits for natural drainage? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Is there a Manifold on location? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| | Is the Manifold free of leaks? Are the hoses in good condition? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| OCD | Was the OCD contacted? | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| | PICTURE TAKEN | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| | COMMENTS | H2O has been pulled, more storm water is expected | | | | Called to pull H20 | Upon reclamation access needs bladed and ditches pulled & dressed out to highway | Road needs bladed & ditches pulled upon reclamation | Pit still wet | |

| | WELL NAME: East 6N | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | INSPECTOR | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | S. Mobley | J. Bassett | J. Bassett | S. Mobley |
| | DATE | 07/20/15 | 07/31/15 | 08/04/15 | 08/10/15 | 08/18/15 | 08/25/15 | 09/01/15 | 09/08/15 | 09/18/15 |
| | *Please request for pit extention after 26 weeks | Week 19 | Week 20 | Week 21 | Week 22 | Week 23 | Week 24 | Week 25 | *Week 26* | Week 27 |
| | PIT STATUS | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☑ Clean-Up |
| LOCATION | Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| LOCATION | Is the temporary well sign on location and visible from access road? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is the access road in good driving condition? (deep ruts, bladed) | ☐ Yes ☑ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Are the culverts free from debris or any object preventing flow? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is the top of the location bladed and in good operating condition? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is the fence stock-proof? (fences tight, barbed wire, fence clips in place? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Does the pit contain two feet of free board? (check the water levels) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is there any standing water on the blow pit? | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Are the pits free of trash and oil? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Are there diversion ditches around the pits for natural drainage? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is there a Manifold on location? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is the Manifold free of leaks? Are the hoses in good condition? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No |
| OCD | Was the OCD contacted? | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☐ No |
| | PICTURE TAKEN | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☐ No |
| | COMMENTS | | | | | | | Pit is in good condition | Pit closure & reclamation scheduled to start 9/10/15 | Pit covered, reclamation is under way |