

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

13108

45-35544

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

OIL CONS. DIV DIST. 3

SEP 11 2015

**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 OGRID #: 14538  
Address: PO Box 4289, Farmington, NM 87499  
Facility or Well Name Sunray 1M  
API Number 30-045-35544 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr A Section 5 Township 29N Range 08W County: San Juan  
Center of Proposed Design: Latitude 36.758478 Longitude -107.691806 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 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 fl \_\_\_\_\_  
Tank Construction material: \_\_\_\_\_  
☐ Secondary containment with leak detection ☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other \_\_\_\_\_  
Liner type: Thickness \_\_\_\_\_ mil ☐ HDPE ☐ PVC ☐ Other \_\_\_\_\_

**DENIED**  
Incorrect Closure Completion Date.  
Closure Report does not follow Approved Closure Plan. Please Review, Revise and Resubmit.  
BY: : Jonathan Kelly  
DATE: 10/5/2015 (505) 334-6178 Ext. 122 static overflow shut-off

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 \_\_\_\_\_



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
- X 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: Regulatory Technician

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

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

18.

**OCD Approval:** ☐ Permit Application (including CD Conditions (see attachment))

OCD Representative Signature: \_\_\_\_\_ Approval Date: \_\_\_\_\_

Title: \_\_\_\_\_ 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.*

X Closure Completion Date: 1/19/15

20.

**Closure Method:**

- ☐ Waste Excavation and Removal
- X 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.*

- X Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- X Plot Plan (for on-site closures and temporary pits)
- X Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- X Disposal Facility Name and Permit Number
- X Soil Backfilling and Cover Installation
- X Re-vegetation Application Rates and Seeding Technique
- X Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36.758478 Longitude -107.691806 NAD: ☐ 1927 X 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): Patsy Clugston Title: Staff Regulatory Technician

Signature:  Date: 9/10/15

e-mail address: Patsy.L.Clugston@conocophillip.com Telephone: 505-326-9518



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

**Lease Name: Sunray 1M  
API No.: 30-045-35544**

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. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

**Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).**

7. 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.**

8. 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	.048 ug/kG
TPH	EPA SW-846 418.1	2500	90mg/kg
GRO/DRO	EPA SW-846 8015M	500	24 mg/Kg
Chlorides	EPA 300.1	1000/500	70 mg/L

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 placed 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. Notification will be sent to OCD when the reclaimed area is seeded.

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

14. 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 be 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 14 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.**

15. 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 15 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, Sunray, UL-A, Sec. 05, T 29N, R 08W, API # 30-045-35544**



**White, Arleen R**

---

**From:** White, Arleen R  
**Sent:** Thursday, May 08, 2014 8:59 AM  
**To:** 'Kelly, Mark'  
**Cc:** Powell, Brandon, EMNRD; 'Kelly, Jonathan, EMNRD'  
**Subject:** SUNRAY 1M\_SURFACE OWNER NOTIFICATION

The subject well (SUNRAY 1M) will have a temporary pit that will be closed on-site. Please let me know if you have any questions.

Thanks,  
Arleen



DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II  
811 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 El Paso Blvd., Aztec, N.M. 87410  
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3480 Fax: (505) 476-3482

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 30-045-	<sup>2</sup> Pool Code 71599 / 72319	<sup>3</sup> Pool Name BASIN DAKOTA/BLANCO MESAVERDE
<sup>4</sup> Property Code 7560	<sup>5</sup> Property Name SUNRAY	<sup>6</sup> Well Number 1M
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 6284'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	5	29-N	8-W		999	NORTH	699	EAST	SAN JUAN

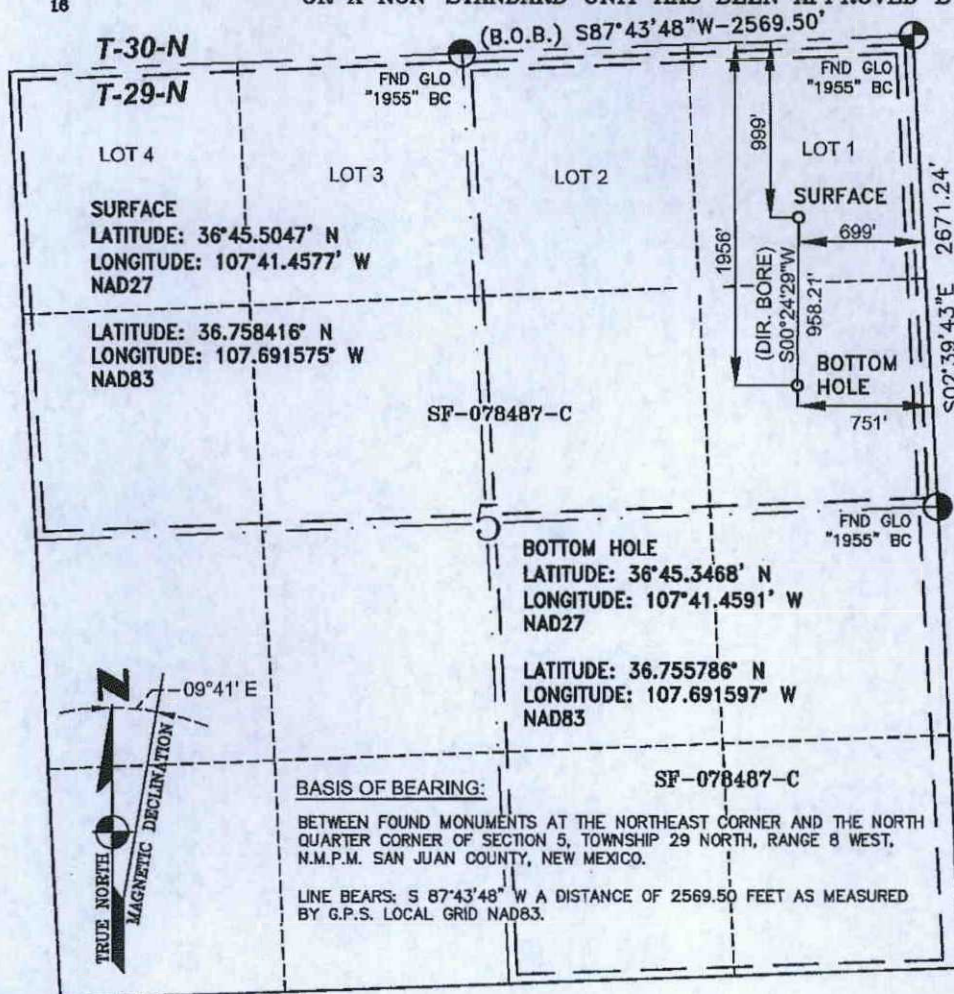
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	5	29-N	8-W		1956	NORTH	751	EAST	SAN JUAN

<sup>12</sup> Dedicated Acres DK 329.52 ACRES N/2 MV 324.58 ACRES E/2	<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

16



<sup>17</sup> 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.

Arleen White 3/5/14  
Signature Date  
Arleen White  
Printed Name  
arleen.r.white@conocophillips.com  
E-mail Address

<sup>18</sup> 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.

FEBRUARY 27, 2014  
Date of Survey

Signature and Seal of Professional Surveyor

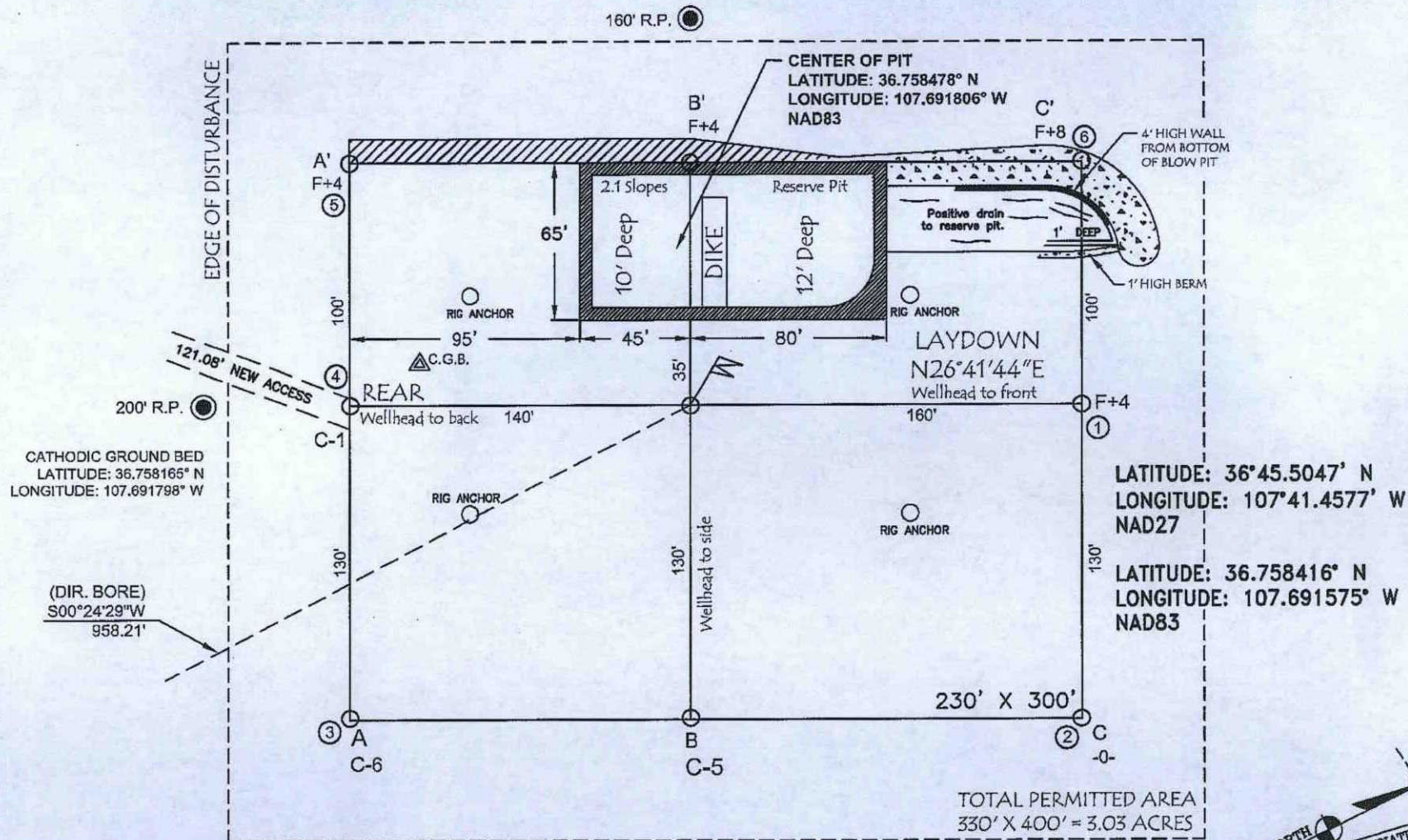


GLEN W. RUSSELL  
Certificate Number

15703

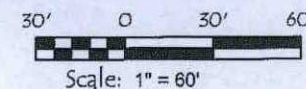
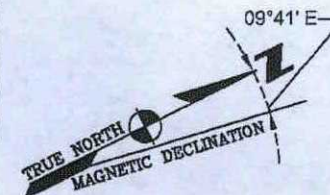


**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**SUNRAY #1M, 999' FNL & 699' FEL**  
**SECTION 5, T-29-N, R-8-W, NMPM, SAN JUAN COUNTY, NM**  
**GROUND ELEVATION: 6284', DATE: FEBRUARY 18, 2014**



**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).





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	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> <b>July 17, 2008</b>								
		1. WELL API NO. <b>30-045-35544</b>								
		2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN								
		3. State Oil & Gas Lease No. <b>SF-078487-C</b>								
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:  <input type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input checked="" type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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 <b>Sunray</b>								
		6. Well Number: <b>1M</b>								
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator <b>Burlington Resources Oil Gas Company, LP</b>		9. OGRID <b>217817</b>								
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
BH:										
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released <b>11/30/14</b>		16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc 6284' <b>GL</b> )			
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										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
<b>28. PRODUCTION</b>										
Date First Production		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> )					Well Status ( <i>Prod. or Shut-in</i> )			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )				
29. Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> )								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 <b>36.7585568</b> <sup>478</sup> °N Longitude <b>-107.691773</b> <sup>806</sup> °W NAD <input type="checkbox"/> 1927 <input checked="" type="checkbox"/> 1983										
<i>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</i> Printed Signature _____ Name <b>Patsy Clugston</b> Title: <b>Staff Regulatory Tech.</b> Date: <b>9-9-15</b> E-mail Address <b>kenny.r.davis@conocophillips.com</b>										



## Analytical Report

Lab Order 1501335

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington

Client Sample ID: Background

Project: Sunray #1M

Collection Date: 1/8/2015 1:00:00 PM

Lab ID: 1501335-001

Matrix: SOIL

Received Date: 1/10/2015 12:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>						Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/12/2015 11:04:41 AM
Surr: DNOP	87.3	63.5-128		%REC	1	1/12/2015 11:04:41 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/12/2015 9:53:04 AM
Surr: BFB	92.6	80-120		%REC	1	1/12/2015 9:53:04 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	1/12/2015 9:53:04 AM
Toluene	0.087	0.049		mg/Kg	1	1/12/2015 9:53:04 AM
Ethylbenzene	ND	0.049		mg/Kg	1	1/12/2015 9:53:04 AM
Xylenes, Total	ND	0.098		mg/Kg	1	1/12/2015 9:53:04 AM
Surr: 4-Bromofluorobenzene	119	80-120		%REC	1	1/12/2015 9:53:04 AM

Chloride = 52 mg/Kg

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

Qualifiers: \* Value exceeds Maximum Contaminant Level.  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 O RPD is greater than RSD limit  
 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  
 N Sample pH greater than 2  
 RL Reporting Detection Limit

Page 1 of 0

PRELIMINARY



## Analytical Report

Lab Order 1501335

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington

Client Sample ID: Reserve Pit

Project: Sunray #1M

Collection Date: 1/8/2015 1:30:00 PM

Lab ID: 1501335-002

Matrix: SOIL

Received Date: 1/10/2015 12:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>						Analyst: BCN
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/12/2015 11:47:51 AM
Surr: DNOP	84.6	63.5-128		%REC	1	1/12/2015 11:47:51 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	11	3.3		mg/Kg	1	1/12/2015 10:20:26 AM
Surr: BFB	98.3	80-120		%REC	1	1/12/2015 10:20:26 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Benzene	0.12	0.033		mg/Kg	1	1/12/2015 10:20:26 AM
Toluene	0.80	0.033		mg/Kg	1	1/12/2015 10:20:26 AM
Ethylbenzene	0.12	0.033		mg/Kg	1	1/12/2015 10:20:26 AM
Xylenes, Total	1.6	0.066		mg/Kg	1	1/12/2015 10:20:26 AM
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	1/12/2015 10:20:26 AM

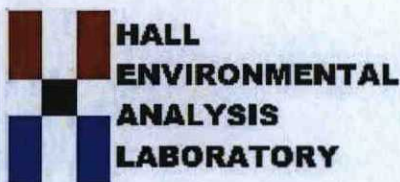
Chloride = 79 mg/Kg

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

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
E Value above quantitation range	H Holding times for preservation or analysis exceeded	
J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit	
O RPD is greater than 3SD/μm	R Sample pH greater than 2	
R RPD outside accepted recovery limits	RL Reporting Detection Limit	
S Spike Recovery outside accepted recovery limits		

Page 2 of 0





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

January 14, 2015

Mike Smith

Conoco Phillips Farmington  
3401 E 30th St  
Farmington, NM 87402  
TEL: (505) 599-3424  
FAX

RE: Sunray #1M

OrderNo.: 1501335

Dear Mike Smith:

Hall Environmental Analysis Laboratory received 2 sample(s) on 1/10/2015 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](http://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 qualifiers 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



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1501335

Date Reported: 1/14/2015

CLIENT: Conoco Phillips Farmington

Client Sample ID: Background

Project: Sunray #1M

Collection Date: 1/8/2015 1:00:00 PM

Lab ID: 1501335-001

Matrix: SOIL

Received Date: 1/10/2015 12:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BCN</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/12/2015 11:04:41 AM	17169
Surr: DNOP	87.3	63.5-128		%REC	1	1/12/2015 11:04:41 AM	17169
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	1/12/2015 9:53:04 AM	R23589
Surr: BFB	92.6	80-120		%REC	1	1/12/2015 9:53:04 AM	R23589
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.049		mg/Kg	1	1/12/2015 9:53:04 AM	R23589
Toluene	0.087	0.049		mg/Kg	1	1/12/2015 9:53:04 AM	R23589
Ethylbenzene	ND	0.049		mg/Kg	1	1/12/2015 9:53:04 AM	R23589
Xylenes, Total	ND	0.098		mg/Kg	1	1/12/2015 9:53:04 AM	R23589
Surr: 4-Bromofluorobenzene	119	80-120		%REC	1	1/12/2015 9:53:04 AM	R23589
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>lgp</b>
Chloride	51	30		mg/Kg	20	1/12/2015 11:23:31 AM	17174
<b>EPA METHOD 418.1: TPH</b>							Analyst: <b>WL</b>
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	1/14/2015 12:00:00 PM	17204

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

**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 greater than 2.
- RL Reporting Detection Limit



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1501335

Date Reported: 1/14/2015

CLIENT: Conoco Phillips Farmington

Client Sample ID: Reserve Pit

Project: Sunray #1M

Collection Date: 1/8/2015 1:30:00 PM

Lab ID: 1501335-002

Matrix: SOIL

Received Date: 1/10/2015 12:40:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BCN</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	1/12/2015 11:47:51 AM	17169
Surr: DNOP	84.6	63.5-128		%REC	1	1/12/2015 11:47:51 AM	17169
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	11	3.3		mg/Kg	1	1/12/2015 10:20:26 AM	R23589
Surr: BFB	98.3	80-120		%REC	1	1/12/2015 10:20:26 AM	R23589
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	0.12	0.033		mg/Kg	1	1/12/2015 10:20:26 AM	R23589
Toluene	0.80	0.033		mg/Kg	1	1/12/2015 10:20:26 AM	R23589
Ethylbenzene	0.12	0.033		mg/Kg	1	1/12/2015 10:20:26 AM	R23589
Xylenes, Total	1.6	0.066		mg/Kg	1	1/12/2015 10:20:26 AM	R23589
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	1/12/2015 10:20:26 AM	R23589
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>lgb</b>
Chloride	79	30		mg/Kg	20	1/12/2015 11:35:56 AM	17174
<b>EPA METHOD 418.1: TPH</b>							Analyst: <b>WL</b>
Petroleum Hydrocarbons, TR	42	20		mg/Kg	1	1/14/2015 12:00:00 PM	17204

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	Page 2 of 7
	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 greater than 2.	
	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#: 1501335

14-Jan-15

Client: Conoco Phillips Farmington

Project: Sunray #1M

Sample ID	MB-17174	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	17174	RunNo:	23623					
Prep Date:	1/12/2015	Analysis Date:	1/12/2015	SeqNo:	697460	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-17174	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	17174	RunNo:	23623					
Prep Date:	1/12/2015	Analysis Date:	1/12/2015	SeqNo:	697461	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

## 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 greater than 2.                          |
| 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#: 1501335

14-Jan-15

Client: Conoco Phillips Farmington

Project: Sunray #1M

Sample ID	MB-17204	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	17204	RunNo:	23645					
Prep Date:	1/13/2015	Analysis Date:	1/14/2015	SeqNo:	698019	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-17204			SampType:	LCS		TestCode:	EPA Method 418.1: TPH				
Client ID:	LCSS			Batch ID:	17204		RunNo:	23645				
Prep Date:	1/13/2015			Analysis Date:	1/14/2015		SeqNo:	698020			Units:	mg/Kg
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Petroleum Hydrocarbons, TR	93	20	100.0	0	93.2	86.7	126					

Sample ID	LCSD-17204	SampType: LCSD			TestCode: EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID: 17204			RunNo: 23645					
Prep Date:	1/13/2015	Analysis Date: 1/14/2015			SeqNo: 698021		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	99	20	100.0	0	98.5	86.7	126	5.58	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 greater than 2.
- RL Reporting Detection Limit



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1501335

14-Jan-15

Client: Conoco Phillips Farmington

Project: Sunray #1M

Sample ID	MB-17169	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	17169	RunNo:	23580					
Prep Date:	1/12/2015	Analysis Date:	1/12/2015	SeqNo:	696520	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	8.6		10.00		86.2	63.5	128			

## 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 greater than 2.  
RL Reporting Detection Limit



# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1501335

14-Jan-15

Client: Conoco Phillips Farmington

Project: Sunray #1M

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	R23589	RunNo:	23589					
Prep Date:		Analysis Date:	1/12/2015	SeqNo:	697022	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	880		1000		88.1	80	120			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	R23589	RunNo:	23589					
Prep Date:		Analysis Date:	1/12/2015	SeqNo:	697023	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	84.4	65.8	139			
Surr: BFB	910		1000		90.6	80	120			

Sample ID	1501335-001AMS	SampType:	MS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	Background	Batch ID:	R23589	RunNo:	23589					
Prep Date:		Analysis Date:	1/12/2015	SeqNo:	697024	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.9	24.61	0	95.4	47.9	144			
Surr: BFB	930		984.3		94.5	80	120			

Sample ID	1501335-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	Background	Batch ID:	R23589	RunNo:	23589					
Prep Date:		Analysis Date:	1/12/2015	SeqNo:	697025	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.61	0	91.2	47.9	144	4.46	29.9	
Surr: BFB	940		984.3		95.9	80	120	0	0	

## 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 greater than 2.                          |
| 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#: 1501335

14-Jan-15

Client: Conoco Phillips Farmington

Project: Sunray #1M

Sample ID	5ML RB	SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles				
Client ID:	PBS	Batch ID:	R23589		RunNo:	23589				
Prep Date:		Analysis Date:	1/12/2015		SeqNo:	697028		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	1.1		1.000		110	80	120			

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	R23589	RunNo:	23589					
Prep Date:		Analysis Date:	1/12/2015	SeqNo:	697029	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	101	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.2	0.10	3.000	0	107	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

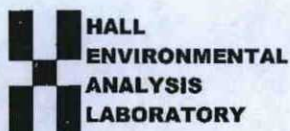
Sample ID	1501335-002AMS	SampType:	MS	TestCode: EPA Method 8021B: Volatiles						
Client ID:	Reserve Pit	Batch ID:	R23589	RunNo: 23589						
Prep Date:		Analysis Date:	1/12/2015	SeqNo: 697030		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.033	0.6596	0.1177	102	69.2	126			
Toluene	1.5	0.033	0.6596	0.8042	105	65.6	128			
Ethylbenzene	0.81	0.033	0.6596	0.1206	104	65.5	138			
Xylenes, Total	3.6	0.066	1.979	1.562	103	63	139			
Surr: 4-Bromofluorobenzene	0.80		0.6596		121	80	120			S

Sample ID	1501335-002AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	Reserve Pit	Batch ID:	R23589	RunNo:	23589					
Prep Date:		Analysis Date:	1/12/2015	SeqNo:	697031	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.033	0.6596	0.1177	102	69.2	126	0.258	18.5	
Toluene	1.5	0.033	0.6596	0.8042	105	65.6	128	0.220	20.6	
Ethylbenzene	0.80	0.033	0.6596	0.1206	102	65.5	138	1.26	20.1	
Xylenes, Total	3.6	0.066	1.979	1.562	101	63	139	1.09	21.1	
Surr: 4-Bromofluorobenzene	0.71		0.6596		107	80	120	0	0	

## 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 greater than 2.                          |
| R RPD outside accepted recovery limits            | RL Reporting Detection Limit                         |
| S Spike Recovery outside accepted recovery limits |  |





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 Farmingt

Work Order Number: 1501335

RcptNo: 1

Received by/date: AT 01/10/15

Logged By: Anne Thorne

1/10/2014 12:40:00 PM

*Anne Thorne*

Completed By: Anne Thorne

1/12/2015

*Anne Thorne*

Reviewed By:

AT 01/12/15 / JB 1/12/15

### 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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

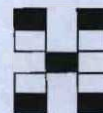
### 18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good	Yes			



Chain-of-Custody Record		Turn-Around Time:
Client: <u>Conoco Phillips</u>	<input type="checkbox"/> Standard	<input checked="" type="checkbox"/> Rush <u>same day</u>
<u>Mike Smith</u>	Project Name:	
Mailing Address:	<u>Sunray # 1M</u>	
	Project #:	
Phone #: <u>505-599-3424</u>	<u>Sunray # 1M</u>	
email or Fax#: <u>Mike, W. Smith @ conoco phillips</u>	Project Manager:	
<u>.com</u>	<u>Mike Smith</u>	
QA/QC Package:		
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Level 4 (Full Validation)	
Accreditation	Sampler: <u>Eric Smith</u>	
<input type="checkbox"/> NELAP	<input checked="" type="checkbox"/> Yes	
<input type="checkbox"/> Other _____	<input type="checkbox"/> No	
<input type="checkbox"/> EDD (Type)	Sample Temperature: <u>1.4</u>	

On Ice: ☒ Yes ☐ No



[www.hallenvironmental.com](http://www.hallenvironmental.com)

Tel. 505-345-3975 Fax 505-345-4107

[illegible][illegible]

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
4/9/15	8:00	E. Smith	Alphonse Smith	4/9/15	800	BW to COP
Date:	Time:	Relinquished by:	Received by:	Date	Time	
4/9/15	1358	Alphonse Smith	Alphonse Smith	4/9/15	1358	WO: 10369240 App ID: K Garcia AC: D250 * Per Mike Smith, added 418.1 WMS 1/13

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.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this policy.

1/9/15 1750 Christine Waelen [Signature] 01/10/15 1240





**Pit Closure Form:**

Date: 7/28/15

Well Name: SUNKAY #1M

Footages: 999' FNL + 699' FEL Unit Letter: A

Section: 5, T-29 -N, R-8 -W, County: SAN JUAN State: NM

Contractor Closing Pit: TRIPLE F

Pit Closure Start Date: 7/21/15

Pit Closure Complete Date: 7/28/15

Construction Inspector: JARED CHAVEZ Date: 7/28/15

Inspector Signature: [Signature]

Revised 11/4/10

Office Use Only:  
Subtask \_\_\_\_\_  
DSM \_\_\_\_\_  
Folder \_\_\_\_\_



## Clugston, Patricia L

---

**From:** Payne, Wendy F  
**Sent:** Wednesday, July 15, 2015 1:14 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; Chavez, Jared (PAC); Triple F  
**Subject:** Full Reclamation Notice: Sunray 1M (Area 23 \* run 350)  
**Importance:** High

Triple F Construction will move a tractor to the **Sunray 1M** to start the full reclamation process including the pit closure on **Tuesday July 21, 2015**. If you have any questions or need further assistance, please contact Jared Chavez (505-793-7912).

Driving directions attached



**Sunray 1M.pdf**

Burlington Resources Well – Network # 10369240 Activity Code D250 for reclamation and D260 for pit closure - PO: Kgarcia  
San Juan County, NM

### **Sunray 1M – BLM surface/BLM minerals**

Onsite: 3/13/14 – Mike Flaniken  
Twin: n/a  
999' FNL & 699' FEL  
Sec. 05, T29N, R08W  
Unit Letter " A "  
Lease # SF-0784878-C  
Latitude: 36.758416 N (NAD 83)  
Longitude: -107.758416 (NAD 83)  
Elevation: 6284'  
Total Acres Disturbed: 3.11 acres  
Access Road: 121.08 feet new  
API # 30-045-35544  
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](mailto:Wendy.F.Payne@conocophillips.com)



# ConocoPhillips

## Reclamation Form:

Date: 9/2/15

Well Name: SUNRAY #1M

Footages: 999' FNL & 699' FEL

Unit Letter: A

Section: 5, T-29-N, R-8-W, County: SAN JUAN State: NM

Reclamation Contractor: TRIPLE F

Reclamation Start Date: 7/21/15

Reclamation Complete Date: 8/5/15

Road Completion Date: 8/5/15

Seeding Date: 8/6/15 - TRIPLE F

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

MARKER PLACED : 8/28/15 (DATE)

LATITUDE: N 36.758568

LONGITUDE: W-107.691773

Pit Manifold removed 7/27/15 (DATE)

Construction Inspector: JARED CHAVEZ

Date: 9/2/15

Inspector Signature: [Signature]

Office Use Only: Subtask DSM Folder  Pictures

Revised 6/14/2012



**BURLINGTON**  
**RESOURCES**

**SUNRAY #1M**

**999' FNL 699' FEL**

**UNIT A SEC 05 T29N R08W**

**API #30-045-35544**

**ELEV. 6284'**

**LEASE # SF-0784878**

**LATITUDE 36° 45 MIN. 30 SEC. N (NAD 83)**

**LOGITUDE 107° 41 MIN. 30 SEC. (NAD83)**

**SAN JUAN COUNTY, NEW MEXICO**

**EMERGENCY CONTACT: 1-505-324-5170**



SUNRAY #11M  
COPIES 5, 12, 29 IN ROW  
A BLM  
OBL















# ConocoPhillips Co.

1

ORDER 20785045

\*\*\*\*\*  
PLANNED MAINT. <InternalOrderSettlement>  
\*\*\*\*\*

BUS2007-000020785045-PRD

Order	20785045	Ord.type	PM05		
Sup. Order		Act.type	P01		
Planning grp	F52	M.Plan	F10000124200		
Priority	F	Item	531128	Main WC	PRONDPIT
STATUS	REL NMAT PRC SETC				
Description	PRO PPM,1W,NEW DRILL SUNRAY 1M				

DUE DATE 05/11/2015

Func. Loc. HZ-F1-SJY-PROJECT-SPUDPIT  
PROJECTS RESERVE PITS  
OCC/TRRC Number  
Field Name  
Meter ID Number

Location  
Room

Equipment

Cost Center A065175  
ABC Ind.

Begin Guarantee  
Warranty End

Sort Field  
Manufacturer :  
Manuf. Serial no:  
Model no :  
Technical ID no:  
Size/Dimension :

## Operation list

Op	Sub	Description	Workcenter
0010		PPM,1W,NEW DRILL RESERVE PIT INSP	CINSPN

PPM,1W,NEW DRILL RESERVE PIT INSP

1. WHAT IS CURRENT PIT STATUS? PRE-SPUD \_\_\_\_\_ DRILLED \_\_\_\_\_  
COMPLETED ☒ CLEAN-UP \_\_\_\_\_

YES NO

2. ☒ IS DRILLING RIG ON LOCATION?  
IF YES, WRITE CANCEL IN THE COMMENTS BELOW AND DO NOT PROCEED.  
IF NO, PROCEED TO NEXT STEP BELOW.
3. ☒ IS THE LOCATION MARKED WITH THE PROPER FLAGGING?  
(CONST. ZONE, POLES, PIPELINES, ETC.)
4. ☒ IS THE TEMPORARY WELL SIGN ON LOCATION AND  
VISIBLE FROM ACCESS ROAD?
5. ☒ IS THE ACCESS ROAD IN GOOD DRIVING CONDITION?  
(DEEP RUTS, BLADED)
6. ☒ ARE THE CULVERTS FREE FROM DEBRIS OR ANY OBJECT  
PREVENTING FLOW?
7. ☒ IS THE TOP OF THE LOCATION BLADED AND IN GOOD  
OPERATING CONDITION?
8. ☒ IS THE FENCE STOCK-PROOF? (FENCES TIGHT, BARBED



ORDER 20785045


- WIRE, FENCE CLIPS IN PLACE)
9. ☒ ☐ IS THE PIT LINER IN GOOD OPERATING CONDITION?  
(NO TEARS, UP-ROOTING CORNERS, ETC)
  10. ☒ ☐ IS THE LOCATION FREE FROM TRASH, OIL STAINS,  
AND OTHER MATERIALS? (CABLES, PIPE THREADS, ETC)
  11. ☒ ☐ DOES THE PIT CONTAIN TWO FEET OF FREE BOARD?  
(CHECK THE WATER LEVELS)
  12. ☐ ☒ IS THERE ANY STANDING WATER ON THE BLOW PIT?
  13. ☒ ☐ ARE THE PITS FREE OF TRASH AND OIL?
  14. ☒ ☐ ARE THERE DIVERSION DITCHES AROUND THE PITS FOR  
NATURAL DRAINAGE?
  15. ☒ ☐ IS THERE A MANIFOLD ON LOCATION?
  16. ☒ ☐ IS THE MANIFOLD FREE OF LEAKS AND HOSES IN GOOD  
CONDITION?
  17. ☐ ☒ WAS THE OCD CONTACTED?
  18. ☐ ☒ IF YES TO #17, WAS PICTURES TAKEN? (NEED TO BE  
ATTACHED TO WORK ORDER)
  19. ☐ ☒ IS PIT CLOSED AND RECLAMATION SCHEDULED?
- DATE RECLAMATION SCHEDULED \_\_\_\_\_
- IF YES, THIS PLAN WILL BE DEACTIVATED IN SAP.

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SIGNATURE: 

DATE: 5-14-15

END OF ORDER



# ConocoPhillips Co.

1

ORDER 20785045

\*\*\*\*\*

PLANNED MAINT. <InternalOrderSettlement>



BUS2007-000020785045-PRD

Order	20785045	Ord.type	PM05		
Sup. Order		Act.type	P01		
Planning grp	F52	M. Plan	F10000124200		
Priority	F	Item	531128	Main WC	PRONDPIT
STATUS	REL NMAT PRC SETC				
Description	PRO PPM,1W,NEW DRILL SUNRAY 1M				

DUE DATE 05/11/2015

Func. Loc. HZ-F1-SJY-PROJECT-SPUDPIT  
 PROJECTS RESERVE PITS  
 OCC/TRRC Number  
 Field Name  
 Meter ID Number

Location  
 Room

Equipment

Cost Center A065175  
 ABC ind.

Begin Guarantee  
 Warranty End

Sort Field  
 Manufacturer :  
 Manuf. Serial no:  
 Model no :  
 Technical ID no:  
 Size/Dimension :

## Operation list

Op	Sub	Description	Workcenter
0010		PPM,1W,NEW DRILL RESERVE PIT INSP	CINSPN

PPM,1W,NEW DRILL RESERVE PIT INSP

1. WHAT IS CURRENT PIT STATUS? PRE-SPUD \_\_\_\_\_ DRILLED \_\_\_\_\_  
 COMPLETED ☒ CLEAN-UP \_\_\_\_\_

YES NO

2. ☒ IS DRILLING RIG ON LOCATION?  
 IF YES, WRITE CANCEL IN THE COMMENTS BELOW AND DO NOT PROCEED.  
 IF NO, PROCEED TO NEXT STEP BELOW.
3. ☒ IS THE LOCATION MARKED WITH THE PROPER FLAGGING?  
 (CONST. ZONE, POLES, PIPELINES, ETC.)
4. ☒ IS THE TEMPORARY WELL SIGN ON LOCATION AND  
 VISIBLE FROM ACCESS ROAD?
5. ☒ IS THE ACCESS ROAD IN GOOD DRIVING CONDITION?  
 (DEEP RUTS, BLADED)
6. ☒ ARE THE CULVERTS FREE FROM DEBRIS OR ANY OBJECT  
 PREVENTING FLOW?
7. ☒ IS THE TOP OF THE LOCATION BLADED AND IN GOOD  
 OPERATING CONDITION?
8. ☒ IS THE FENCE STOCK-PROOF? (FENCES TIGHT, BARBED