

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

13202 Proposed Alternative Method Permit or Closure Plan Application

Type of action: Below grade tank registration
 Permit of a pit or proposed alternative method
45-35286 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

NOV 03 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 Oil & Gas Company LP OGRID #: 14538
Address: PO Box 4289, Farmington, NM 87499
Facility or Well Name Hare 16N
API Number 30-045-35286 OCD Permit Number: _____
U/L or Qtr/Qtr G (SWNE) Section 3 Township 29N Range 10W County: San Juan
Center of Proposed Design: Latitude 36.75767 N Longitude -107.87117 W NAD: 1927 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment

2.
X 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 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 _____

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.

Variations 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 H₂S, Prevention Plan
- Emergency Response Plan
- Oil Field Waste Stream Characterization
- Monitoring and Inspection Plan
- Erosion Control Plan
- Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

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	<input type="checkbox"/> Yes <input type="checkbox"/> No

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

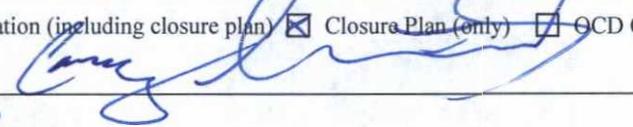
17.
Operator Application Certification:
 I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

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

OCD Representative Signature:  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: 7/09/15

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° 45' 28 N Longitude -107° 52' 16 W 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): Crystal Walker Title: Regulatory Coordinator

Signature:  Date: 10/29/15

e-mail address: crystal.walker@conocophillip.com Telephone: 505-326-9837

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

Lease Name: Hare 16N
API No.: 30-045-35286

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	10	.063 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	1.702 ug/kG
TPH	EPA SW-846 418.1	2500	85 mg/kg
GRO/DRO	EPA SW-846 8015M	1000	52 mg/Kg
Chlorides	EPA 300.0	1000/500	ND 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 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. 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 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, Hare 16N, UL-P, Sec. 17, T 27N, R 7W, API # 30-039-31145

Walker, Crystal

From: White, Arleen R
Sent: Thursday, May 08, 2014 1:43 PM
To: 'Kelly, Mark'
Cc: 'Kelly, Jonathan, EMNRD'; Powell, Brandon, EMNRD
Subject: HARE 16N_SURFACE OWNER NOTIFICATION

The subject well (HARE 16N) will have a temporary pit that will be closed on-site. Please let me know if you have any questions.

Thanks,
Arleen

~~~~~  
Arleen White  
Staff Regulatory Technician  
ConocoPhillips-SJ Business Unit  
Ph:(505)326-9517  
[arleen.r.white@conocophillips.com](mailto:arleen.r.white@conocophillips.com)

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised July 10, 2010

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

Submit one copy to appropriate  
District Office

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

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

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87506

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                    |                                                                         |                                                           |
|------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------|
| <sup>1</sup> API Number<br>30-045- | <sup>2</sup> Pool Code<br>72319/71599                                   | <sup>3</sup> Pool Name<br>BLANCO MESAVERDE / BASIN DAKOTA |
| <sup>4</sup> Property Code<br>7091 | <sup>5</sup> Property Name<br>HARE                                      | <sup>6</sup> Well Number<br>16N                           |
| <sup>7</sup> GRID No.<br>14538     | <sup>8</sup> Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY LP | <sup>9</sup> Elevation<br>5903'                           |

<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   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| G             | 3       | 29N      | 10W   | 11      | 1433'         | NORTH            | 2358'         | 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 |
|-----------------------------------------------------|---------|----------|----------------------------------|---------|---------------|-------------------------|---------------|----------------|--------|
| <sup>12</sup> Dedicated Acres<br>296.11 ACRES - N/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

BASIS OF BEARINGS

N 89°44'14" W 2612.77' (M) FND 3/4" BC  
N 89°45' W 2614.26' (R) BLM 1967

LEASE # USA SF-076958

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

*Arleen White* 5/7/14  
Signature Date

Arleen White  
Printed Name

arleen.r.white@conocophillips.com  
E-mail Address

**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.

DECEMBER 20, 2010  
Date of Survey

Signature and Seal of Professional Surveyor:  
*David Russell*

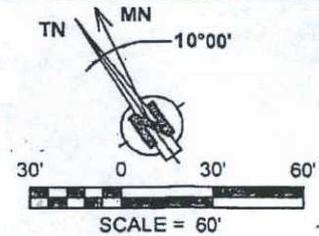
DAVID RUSSELL  
Certificate Number 10201

**WELL FLAG**

LATITUDE: 36.75751° N  
LONGITUDE: 107.87117° W  
**CENTER OF PIT**  
LATITUDE: 36.75767° N  
LONGITUDE: 107.87109° W  
ELEVATION: 5888'  
DATUM: NAD83 & NAVD88.

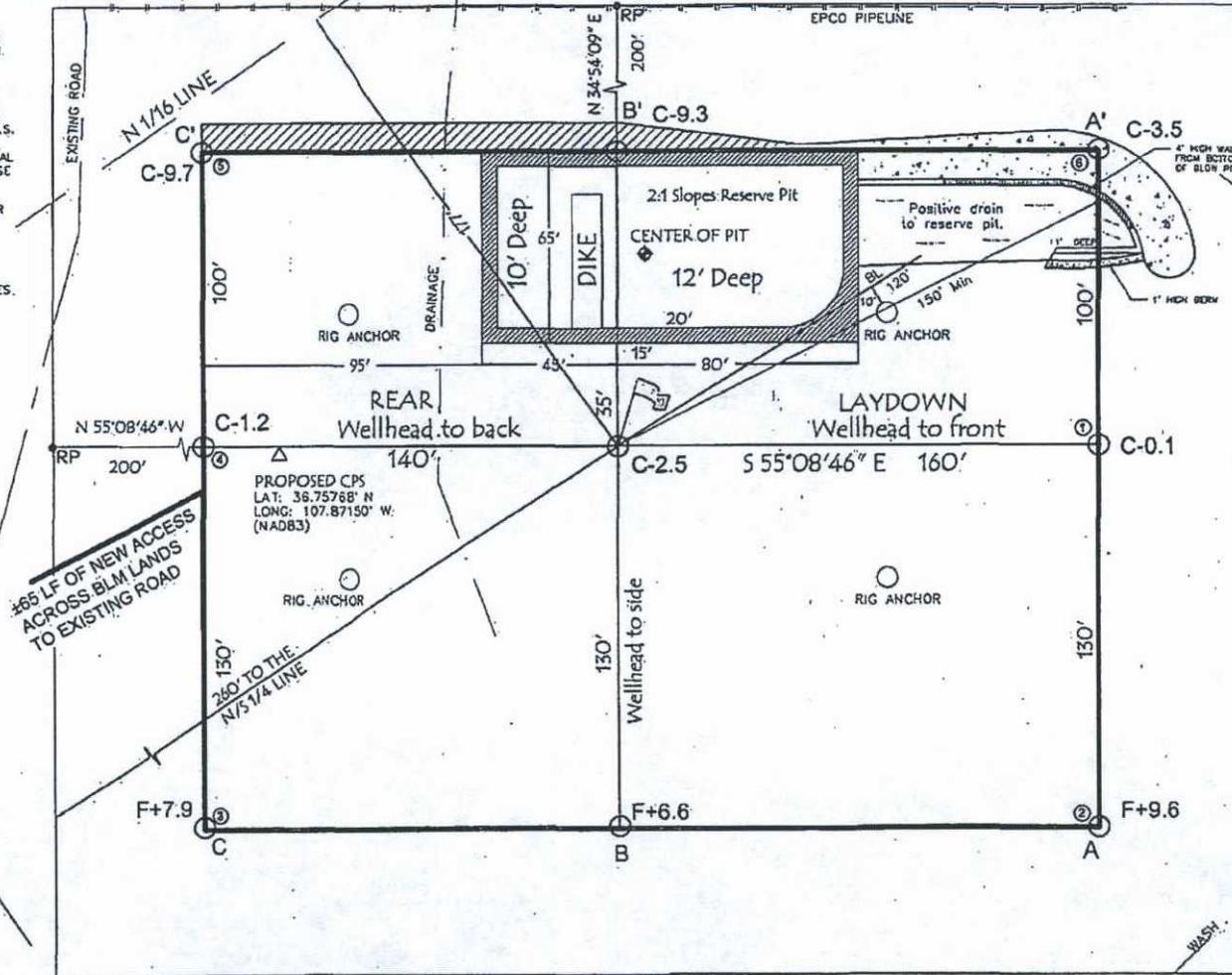
**BURLINGTON RESOURCES OIL & GAS COMPANY LP**

HARE #16N  
1433' FNL & 2358' FEL  
LOCATED IN THE SW/4 NE/4 OF SECTION 3,  
T29N, R10W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO  
GROUND ELEVATION: 5903', NAVD 88  
FINISHED PAD ELEVATION: 5900.0', NAVD 88



**NOTES:**

- 1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE NORTHEAST CORNER AND THE NORTH QUARTER CORNER OF SECTION 3, TOWNSHIP 29 NORTH, RANGE 10 WEST, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO.  
LINE BEARS: N 89°44'14" W A DISTANCE OF 2812.77 FEET AS MEASURED BY G.P.S.
- 2.) LATITUDE, LONGITUDE AND ELLIPSOIDAL HEIGHT BASED ON AZTEC CORS L1, PHASE CENTER.  
DISTANCES SHOWN ARE GROUND DISTANCES USING A TRAVERSE MERCATOR PROJECTION FROM A WGS84, ELLIPSOID, CONVERTED TO NAD83.  
NAVD88 ELEVATIONS AS PREDICTED BY GEODOS.
- 3.) LOCATION OF UNDERGROUND UTILITIES DEPICTED ARE APPROXIMATE. PRIOR TO EXCAVATION UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED. ALL CONSTRUCTION ACTIVITIES SHOULD BE FIELD VERIFIED WITH NEW MEXICO ONE-CALL AUTHORITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.



SLOPES TO BE CONSTRUCTED TO MATCH THE ORIGINAL CONTOURS AS CLOSE AS POSSIBLE.

TOTAL PERMITTED AREA  
330' x 400' = 3.03-ACRES  
SCALE: 1" = 60'  
JOB No.: COPC409  
DATE: 01/06/11  
DRAWN BY: GRR

NOTE:  
RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).  
RUSSELL SURVEYING, INC. 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, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING-DAYS PRIOR TO CONSTRUCTION.



**Russell Surveying**  
1409 W. Aztec Blvd. #2  
Aztec, New Mexico 87410  
(505) 334-8637

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.  
**30-045-35286**

2. Type of Lease  
 STATE  FEE  FED/INDIAN

3. State Oil & Gas Lease No.  
**SF-076958**

**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  
**HARE**

6. Well Number:  
**16N**

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 |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| BH:          |          |         |          |       |     |               |          |               |          |        |

|                                  |                              |                                            |                                       |                                                           |
|----------------------------------|------------------------------|--------------------------------------------|---------------------------------------|-----------------------------------------------------------|
| 13. Date Spudded                 | 14. Date T.D. Reached        | 15. Date Rig Released<br><b>11/20/2014</b> | 16. Date Completed (Ready to Produce) | 17. Elevations (DF and RKB, RT, GR, etc.) <b>5903' 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

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

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

| 24. LINER RECORD |     |        |              | 25. TUBING RECORD |      |           |            |
|------------------|-----|--------|--------------|-------------------|------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE | DEPTH SET | PACKER SET |
|                  |     |        |              |                   |      |           |            |
|                  |     |        |              |                   |      |           |            |

|                                                     |                                                 |                               |
|-----------------------------------------------------|-------------------------------------------------|-------------------------------|
| 26. Perforation record (interval, size, and number) | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                               |
|                                                     | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED |
|                                                     |                                                 |                               |
|                                                     |                                                 |                               |

**PRODUCTION**

|                           |                 |                                                                              |                        |           |                                         |                                      |                 |
|---------------------------|-----------------|------------------------------------------------------------------------------|------------------------|-----------|-----------------------------------------|--------------------------------------|-----------------|
| 28. Date First Production |                 | Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) |                        |           | Well Status ( <i>Prod. or Shut-in</i> ) |                                      |                 |
| Date of Test              | Hours Tested    | Choke Size                                                                   | Prod'n For Test Period | Oil - Bbl | Gas - MCF                               | Water - Bbl.                         | Gas - Oil Ratio |
| Flow Tubing Press.        | Casing Pressure | Calculated 24-Hour Rate                                                      | Oil - Bbl.             | Gas - MCF | Water - Bbl.                            | Oil Gravity - API - ( <i>Corr.</i> ) |                 |

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

30. Test Witnessed By

31. List Attachments

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

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

Latitude **36° 45' 28 N** Longitude **-107° 52' 16 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: **10/29/15**

E-mail Address **crystal.walker@conocophillips.com**



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: Hare #16N

OrderNo.: 1501336

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,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a light blue horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Hall Environmental Analysis Laboratory, Inc.**

CLIENT: Conoco Phillips Farmington

Client Sample ID: Background

Project: Hare #16N

Collection Date: 1/8/2015 11:00:00 AM

Lab ID: 1501336-001

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     | 10       |      | mg/Kg | 1  | 1/12/2015 12:09:26 PM | 17169               |
| Surr: DNOP                                     | 92.5   | 63.5-128 |      | %REC  | 1  | 1/12/2015 12:09:26 PM | 17169               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>        |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                  | ND     | 4.8      |      | mg/Kg | 1  | 1/12/2015 11:55:08 AM | 17155               |
| Surr: BFB                                      | 100    | 80-120   |      | %REC  | 1  | 1/12/2015 11:55:08 AM | 17155               |
| <b>EPA METHOD 8021B: VOLATILES</b>             |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene                                        | ND     | 0.048    |      | mg/Kg | 1  | 1/12/2015 11:55:08 AM | 17155               |
| Toluene                                        | 0.054  | 0.048    |      | mg/Kg | 1  | 1/12/2015 11:55:08 AM | 17155               |
| Ethylbenzene                                   | ND     | 0.048    |      | mg/Kg | 1  | 1/12/2015 11:55:08 AM | 17155               |
| Xylenes, Total                                 | ND     | 0.096    |      | mg/Kg | 1  | 1/12/2015 11:55:08 AM | 17155               |
| Surr: 4-Bromofluorobenzene                     | 113    | 80-120   |      | %REC  | 1  | 1/12/2015 11:55:08 AM | 17155               |
| <b>EPA METHOD 300.0: ANIONS</b>                |        |          |      |       |    |                       | Analyst: <b>Igp</b> |
| Chloride                                       | ND     | 30       |      | mg/Kg | 20 | 1/12/2015 11:48:20 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.

|                    |   |                                                 |    |                                                    |
|--------------------|---|-------------------------------------------------|----|----------------------------------------------------|
| <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 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, Inc.**

CLIENT: Conoco Phillips Farmington

Client Sample ID: Reserve Pit

Project: Hare #16N

Collection Date: 1/8/2015 11:20:00 AM

Lab ID: 1501336-002

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>JME</b>                            |        |          |      |       |    |                       |       |
| Diesel Range Organics (DRO)                    | 38     | 9.9      |      | mg/Kg | 1  | 1/13/2015 5:51:45 PM  | 17169 |
| Surr: DNOP                                     | 108    | 63.5-128 |      | %REC  | 1  | 1/13/2015 5:51:45 PM  | 17169 |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>        |        |          |      |       |    |                       |       |
| Analyst: <b>NSB</b>                            |        |          |      |       |    |                       |       |
| Gasoline Range Organics (GRO)                  | 14     | 3.6      |      | mg/Kg | 1  | 1/12/2015 12:23:57 PM | 17155 |
| Surr: BFB                                      | 135    | 80-120   | S    | %REC  | 1  | 1/12/2015 12:23:57 PM | 17155 |
| <b>EPA METHOD 8021B: VOLATILES</b>             |        |          |      |       |    |                       |       |
| Analyst: <b>NSB</b>                            |        |          |      |       |    |                       |       |
| Benzene                                        | 0.063  | 0.036    |      | mg/Kg | 1  | 1/12/2015 12:23:57 PM | 17155 |
| Toluene                                        | 0.44   | 0.036    |      | mg/Kg | 1  | 1/12/2015 12:23:57 PM | 17155 |
| Ethylbenzene                                   | 0.099  | 0.036    |      | mg/Kg | 1  | 1/12/2015 12:23:57 PM | 17155 |
| Xylenes, Total                                 | 1.1    | 0.071    |      | mg/Kg | 1  | 1/12/2015 12:23:57 PM | 17155 |
| Surr: 4-Bromofluorobenzene                     | 121    | 80-120   | S    | %REC  | 1  | 1/12/2015 12:23:57 PM | 17155 |
| <b>EPA METHOD 300.0: ANIONS</b>                |        |          |      |       |    |                       |       |
| Analyst: <b>lgp</b>                            |        |          |      |       |    |                       |       |
| Chloride                                       | ND     | 30       |      | mg/Kg | 20 | 1/12/2015 12:00:45 PM | 17174 |
| <b>EPA METHOD 418.1: TPH</b>                   |        |          |      |       |    |                       |       |
| Analyst: <b>WL</b>                             |        |          |      |       |    |                       |       |
| Petroleum Hydrocarbons, TR                     | 85     | 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    |
| 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#: 1501336

14-Jan-15

**Client:** Conoco Phillips Farmington

**Project:** Hare #16N

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

|            |                  |                |                  |             |                                 |          |              |      |          |      |
|------------|------------------|----------------|------------------|-------------|---------------------------------|----------|--------------|------|----------|------|
| Sample ID  | <b>LCS-17174</b> | SampType:      | <b>LCS</b>       | TestCode:   | <b>EPA Method 300.0: Anions</b> |          |              |      |          |      |
| Client ID: | <b>LCSS</b>      | Batch ID:      | <b>17174</b>     | RunNo:      | <b>23623</b>                    |          |              |      |          |      |
| Prep Date: | <b>1/12/2015</b> | Analysis Date: | <b>1/12/2015</b> | SeqNo:      | <b>697461</b>                   | Units:   | <b>mg/Kg</b> |      |          |      |
| 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.
- 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#: 1501336

14-Jan-15

**Client:** Conoco Phillips Farmington

**Project:** Hare #16N

| Sample ID <b>MB-17204</b>   | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 418.1: TPH</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|----------------------------------------|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>17204</b>          | RunNo: <b>23645</b>                    |                     |             |      |          |           |      |          |      |
| Prep Date: <b>1/13/2015</b> | Analysis Date: <b>1/14/2015</b> | SeqNo: <b>698019</b>                   | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                    | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR  | ND                              | 20                                     |                     |             |      |          |           |      |          |      |

| Sample ID <b>LCS-17204</b>  | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 418.1: TPH</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|----------------------------------------|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>17204</b>          | RunNo: <b>23645</b>                    |                     |             |      |          |           |      |          |      |
| Prep Date: <b>1/13/2015</b> | Analysis Date: <b>1/14/2015</b> | SeqNo: <b>698020</b>                   | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| 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 <b>LCSD-17204</b> | SampType: <b>LCSD</b>           | TestCode: <b>EPA Method 418.1: TPH</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|----------------------------------------|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS02</b>    | Batch ID: <b>17204</b>          | RunNo: <b>23645</b>                    |                     |             |      |          |           |      |          |      |
| Prep Date: <b>1/13/2015</b> | Analysis Date: <b>1/14/2015</b> | SeqNo: <b>698021</b>                   | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| 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#: 1501336

14-Jan-15

**Client:** Conoco Phillips Farmington

**Project:** Hare #16N

|                             |                  |                |                  |             |                                                |          |              |      |          |      |
|-----------------------------|------------------|----------------|------------------|-------------|------------------------------------------------|----------|--------------|------|----------|------|
| Sample ID                   | <b>MB-17169</b>  | SampType:      | <b>MBLK</b>      | TestCode:   | <b>EPA Method 8015D: Diesel Range Organics</b> |          |              |      |          |      |
| Client ID:                  | <b>PBS</b>       | Batch ID:      | <b>17169</b>     | RunNo:      | <b>23580</b>                                   |          |              |      |          |      |
| Prep Date:                  | <b>1/12/2015</b> | Analysis Date: | <b>1/12/2015</b> | SeqNo:      | <b>696520</b>                                  | Units:   | <b>mg/Kg</b> |      |          |      |
| 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          |      |          |      |

|                             |                  |                |                  |             |                                                |          |              |      |          |      |
|-----------------------------|------------------|----------------|------------------|-------------|------------------------------------------------|----------|--------------|------|----------|------|
| Sample ID                   | <b>LCS-17169</b> | SampType:      | <b>LCS</b>       | TestCode:   | <b>EPA Method 8015D: Diesel Range Organics</b> |          |              |      |          |      |
| Client ID:                  | <b>LCSS</b>      | Batch ID:      | <b>17169</b>     | RunNo:      | <b>23634</b>                                   |          |              |      |          |      |
| Prep Date:                  | <b>1/12/2015</b> | Analysis Date: | <b>1/13/2015</b> | SeqNo:      | <b>697804</b>                                  | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                     | Result           | PQL            | SPK value        | SPK Ref Val | %REC                                           | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 53               | 10             | 50.00            | 0           | 105                                            | 67.8     | 130          |      |          |      |
| Surr: DNOP                  | 4.4              |                | 5.000            |             | 87.8                                           | 63.5     | 128          |      |          |      |

|            |                  |                |                  |             |                                                |          |             |      |          |      |
|------------|------------------|----------------|------------------|-------------|------------------------------------------------|----------|-------------|------|----------|------|
| Sample ID  | <b>LCS-17189</b> | SampType:      | <b>LCS</b>       | TestCode:   | <b>EPA Method 8015D: Diesel Range Organics</b> |          |             |      |          |      |
| Client ID: | <b>LCSS</b>      | Batch ID:      | <b>17189</b>     | RunNo:      | <b>23634</b>                                   |          |             |      |          |      |
| Prep Date: | <b>1/13/2015</b> | Analysis Date: | <b>1/14/2015</b> | SeqNo:      | <b>697805</b>                                  | Units:   | <b>%REC</b> |      |          |      |
| Analyte    | Result           | PQL            | SPK value        | SPK Ref Val | %REC                                           | LowLimit | HighLimit   | %RPD | RPDLimit | Qual |
| Surr: DNOP | 3.7              |                | 5.000            |             | 74.1                                           | 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#: 1501336

14-Jan-15

**Client:** Conoco Phillips Farmington

**Project:** Hare #16N

| Sample ID <b>MB-17155</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |                     |             |      |          |           |      |          |      |
|-------------------------------|---------------------------------|---------------------------------------------------|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>17155</b>          | RunNo: <b>23591</b>                               |                     |             |      |          |           |      |          |      |
| Prep Date: <b>1/9/2015</b>    | Analysis Date: <b>1/12/2015</b> | SeqNo: <b>697041</b>                              | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                       | Result                          | PQL                                               | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                              | 5.0                                               |                     |             |      |          |           |      |          |      |
| Surr: BFB                     | 940                             |                                                   | 1000                |             | 93.9 | 80       | 120       |      |          |      |

| Sample ID <b>LCS-17155</b>    | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |                     |             |      |          |           |      |          |      |
|-------------------------------|---------------------------------|---------------------------------------------------|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>17155</b>          | RunNo: <b>23591</b>                               |                     |             |      |          |           |      |          |      |
| Prep Date: <b>1/9/2015</b>    | Analysis Date: <b>1/12/2015</b> | SeqNo: <b>697042</b>                              | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                       | Result                          | PQL                                               | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 28                              | 5.0                                               | 25.00               | 0           | 111  | 65.8     | 139       |      |          |      |
| Surr: BFB                     | 1100                            |                                                   | 1000                |             | 108  | 80       | 120       |      |          |      |

**Qualifiers:**

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- 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#: 1501336  
14-Jan-15

**Client:** Conoco Phillips Farmington  
**Project:** Hare #16N

| Sample ID: <b>MB-17155</b> | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|----------------------------|---------------------------------|----------------------------------------------|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>      | Batch ID: <b>17155</b>          | RunNo: <b>23591</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>1/9/2015</b> | Analysis Date: <b>1/12/2015</b> | SeqNo: <b>697081</b> Units: <b>mg/Kg</b>     |           |             |      |          |           |      |          |      |
| 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     |             | 108  | 80       | 120       |      |          |      |

| Sample ID: <b>LCS-17155</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|----------------------------------------------|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>17155</b>          | RunNo: <b>23591</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>1/9/2015</b>  | Analysis Date: <b>1/12/2015</b> | SeqNo: <b>697082</b> Units: <b>mg/Kg</b>     |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                          | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 1.1                             | 0.050                                        | 1.000     | 0           | 105  | 80       | 120       |      |          |      |
| Toluene                     | 1.1                             | 0.050                                        | 1.000     | 0           | 112  | 80       | 120       |      |          |      |
| Ethylbenzene                | 1.1                             | 0.050                                        | 1.000     | 0           | 114  | 80       | 120       |      |          |      |
| Xylenes, Total              | 3.4                             | 0.10                                         | 3.000     | 0           | 112  | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 1.2                             |                                              | 1.000     |             | 118  | 80       | 120       |      |          |      |

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
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- 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

**Sample Log-In Check List**

Client Name: Conoco Phillips Farmingt

Work Order Number: 1501336

RcptNo: 1

Received by/date: A 01/10/15

Logged By: Anne Thorne 1/10/2015 12:40:00 PM *Anne Thorne*

Completed By: Anne Thorne 1/12/2015 *Anne Thorne*

Reviewed By: *JS* 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° 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? Yes  No   
(Note discrepancies on chain of custody)
- 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? Yes  No   
(If no, notify customer for authorization.)

# 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:

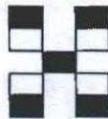
**18. Cooler Information**

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1         | 1.4     | Good      | Yes         |         |           |           |

# Chain-of-Custody Record

Turn-Around Time:

Standard  Rush same day



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: Conoco Phillips

Mike Smith

Mailing Address:

Project Name:

Hare #16N

Project #:

Hare #16N

Phone #: 505-599-3424

Project Manager:

Mike Smith

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

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation

NELAP  Other \_\_\_\_\_

Sampler: Eric Smith

On Ice:  Yes  No

Sample Temperature: 1.4

EDD (Type) \_\_\_\_\_

### Analysis Request

| Date | Time  | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. | BTEX + MTBE + TMBs (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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> ) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | 300.0 Chlorides | Air Bubbles (Y or N) |
|------|-------|--------|-------------------|----------------------|-------------------|----------|---------------------------|------------------------------|-----------------------------|--------------------|--------------------|---------------------------|---------------|----------------------------------------------------------------------------------------|------------------------------|-------------|-----------------|-----------------|----------------------|
| 8/15 | 11:00 | Soil   | Background        | 1-4oz.               | cool              | -001     | X                         | X                            | X                           | X                  | X                  | X                         | X             | X                                                                                      | X                            | X           | X               | X               |                      |
| 8/15 | 11:20 | Soil   | Reserve P/A       | 1-4oz.               | cool              | -002     | X                         | X                            | X                           | X                  | X                  | X                         | X             | X                                                                                      | X                            | X           | X               | X               |                      |

Date: 1/9/15 Time: 8:00 Relinquished by: [Signature]

Received by: [Signature] Date: 1/9/15 Time: 8:00

Remarks: Bill to COP.

Date: 1/9/15 Time: 1358 Relinquished by: [Signature]

Received by: [Signature] Date: 1/9/15 Time: 1358

WO: 10369830 App. ID: K Garcia

[Signature]

[Signature]

KC: D250 \* per Mike Smith, added 418.1

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.

## Walker, Crystal

---

**From:** Payne, Wendy F  
**Sent:** Thursday, June 25, 2015 1:01 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:** 'acedragline@yahoo.com'; Bassett, Jarrell (Producers Assistance Corp.); GRP:SJBU Projects Civil Facility  
**Subject:** Full Interim Reclamation Notice: Hare 16N (Area 2 \* Run  
**Importance:** High

ACE Services will move a tractor to the **Hare 16N** to start the reclamation process including the pit closure on **Wednesday July 1, 2015**. If you have any questions or need further assistance, please contact Jerrell Bassett (505-947-5623).

Driving directions attached



Hare 16N.pdf

Burlington Resources Well – Network # 10369880 Activity Code D250 (reclamation) & D260 (pit closure) PO: Kgarcia San Juan County, NM

### Hare 16N – BLM/BLM

Onsite: 2/17/11-Mike Flaniken  
Twin: n/a  
1433' FNL & 2358' FEL  
Sec. 03, T29N, R10W  
Unit Letter " G "  
Lease # SF-076958  
Latitude: 36° 45' 27" N (NAD 83)  
Longitude: 107° 52' 16" (NAD 83)  
Elevation: 5903'  
Total Acres Disturbed: 3.09 acres  
Access Road: 65 feet  
API # 30-045-35286  
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)



Reclamation Form:

Date: 7-29-15

Well Name: Hare # 16 N

Footages: 1433' FWH & 2358' FEL Unit Letter: G

Section: 3, T-29-N, R-10-W, County: SAN JUAN State: NM

Reclamation Contractor: MJM TRUCKING

Reclamation Start Date: 7-9-15 Pit closure started 7-7-15

Reclamation Complete Date: 7-17-15 Pit closed 7-9-15

Road Completion Date: 7-17-15

Seeding Date: 7-28-15

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

MARKER PLACED : 8-3-15 (DATE)

LATITUDE: 36° 45' 28 N NAD 83

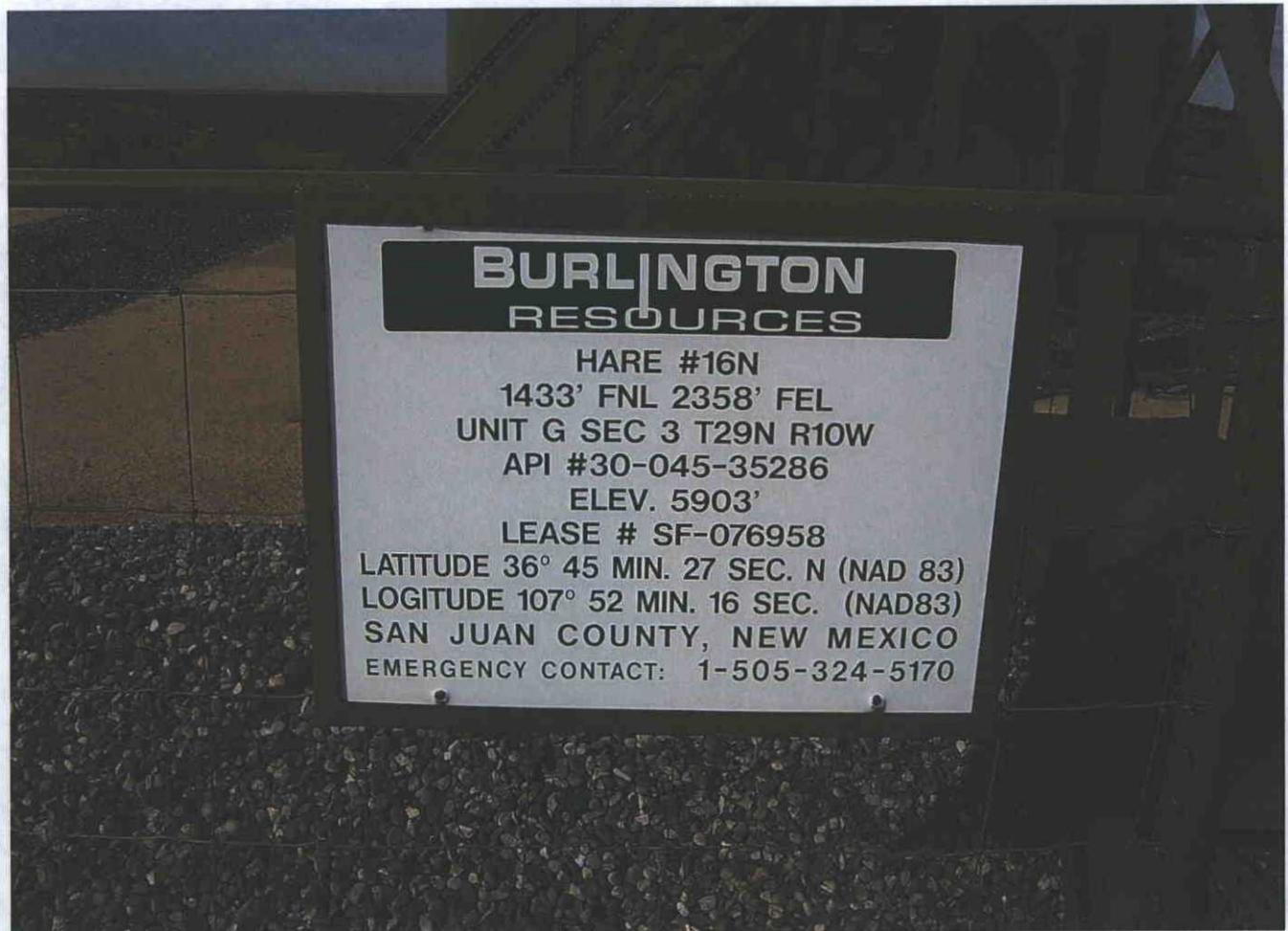
LONGITUDE: 107° 52' 16 W

Pit Manifold removed 7-8-15 (DATE)

Construction Inspector: JERRELL BASSETT Date: 7-29-15

Inspector Signature: Jerrell Bassett

Office Use Only: Subtask DSM Folder  Pictures



**BURLINGTON  
RESOURCES**

HARE #16N  
1433' FNL 2358' FEL  
UNIT G SEC 3 T29N R10W  
API #30-045-35286  
ELEV. 5903'  
LEASE # SF-076958  
LATITUDE 36° 45 MIN. 27 SEC. N (NAD 83)  
LOGITUDE 107° 52 MIN. 16 SEC. (NAD83)  
SAN JUAN COUNTY, NEW MEXICO  
EMERGENCY CONTACT: 1-505-324-5170



WELL NAME:  
Hare 16N

# OPEN PIT INSPECTION FORM



| INSPECTOR                                                       |                                                                                                   | S. Mobley                                                                                                   | S. Mobley                                                                                                   | S. Mobley                                                                                                   | Rig                                                                                                         | S. Mobley                                                                                                   | Rig                                                                                                                    | Rig                                                                                                                    | S. Mobley                                                                                                              | S. Mobley                                                                                                              |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| DATE                                                            |                                                                                                   | 10/14/14                                                                                                    | 10/20/14                                                                                                    | 10/28/14                                                                                                    | 11/7-11/9                                                                                                   | 11/11/14                                                                                                    | 11/12-11/18                                                                                                            | 11/19-11/20                                                                                                            | 11/24/14                                                                                                               | 12/02/14                                                                                                               |
| PIT STATUS                                                      |                                                                                                   | Week 1                                                                                                      | Week 2                                                                                                      | Week 3                                                                                                      | Week 4                                                                                                      | Week 5                                                                                                      | Week 6                                                                                                                 | Week 7                                                                                                                 | Week 8                                                                                                                 | Week 9                                                                                                                 |
|                                                                 |                                                                                                   | <input type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up |
| LOCATION                                                        | Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Is the temporary well sign on location and visible from access road?                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
| ENVIRONMENTAL COMPLIANCE                                        | Is the access road in good driving condition? (deep ruts, bladed)                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Are the culverts free from debris or any object preventing flow?                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Is the top of the location bladed and in good operating condition?                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?)                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Is the pit liner in good operating condition? (no tears, up-roofing corners, etc.)                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Does the pit contain two feet of free board? (check the water levels)                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Is there any standing water on the blow pit?                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    |
|                                                                 | Are the pits free of trash and oil?                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
|                                                                 | Are there diversion ditches around the pits for natural drainage?                                 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                         | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |
| Is there a Manifold on location?                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |                                                                                                                        |
| Is the Manifold free of leaks? Are the hoses in good condition? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    |                                                                                                                        |
| OCD                                                             | Was the OCD contacted?                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    |
|                                                                 | PICTURE TAKEN                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    |
|                                                                 | COMMENTS                                                                                          | Not Drilled Yet                                                                                             | Pre-Spud                                                                                                    | Pre-Spud                                                                                                    | Spud                                                                                                        |                                                                                                             | Drilling Rig On Location                                                                                               | Drilling Rig On Location                                                                                               | Will blade Tuesday, cut ditch & pull apron on Mon.                                                                     |                                                                                                                        |

| WELL NAME:<br>Hare 16N                                          |                                                                                                   |                                                                                                                        |                                                                                                                        |                                                                                                                        |                                                                                                                        |                                                                                                                        |                                                                                                                        |                                                                                                                        |                                                                                                                        |                                                                                                                        |                                                                                                                                   |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| INSPECTOR                                                       |                                                                                                   | S. Mobley                                                                                                              |                                                                                                                                   |
| DATE                                                            |                                                                                                   | 12/09/14                                                                                                               | 12/17/14                                                                                                               | 12/22/14                                                                                                               | 12/30/14                                                                                                               | 01/07/15                                                                                                               | 01/15/15                                                                                                               | 01/21/15                                                                                                               | 01/27/15                                                                                                               | 02/02/15                                                                                                               |                                                                                                                                   |
| *Please request for pit extension after 26 weeks                |                                                                                                   | Week 10                                                                                                                | Week 11                                                                                                                | Week 12                                                                                                                | Week 13                                                                                                                | Week 14                                                                                                                | Week 15                                                                                                                | Week 16                                                                                                                | Week 17                                                                                                                | Week 18                                                                                                                |                                                                                                                                   |
| PIT STATUS                                                      |                                                                                                   | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up | <input checked="" type="checkbox"/> Drilled<br><input checked="" type="checkbox"/> Completed<br><input type="checkbox"/> Clean-Up |
| LOCATION                                                        | Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Is the temporary well sign on location and visible from access road?                              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
| ENVIRONMENTAL COMPLIANCE                                        | Is the access road in good driving condition? (deep ruts, bladed)                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Are the culverts free from debris or any object preventing flow?                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Is the top of the location bladed and in good operating condition?                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?)                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Is the pit liner in good operating condition? (no tears, up-roofing corners, etc.)                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Does the pit contain two feet of free board? (check the water levels)                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Is there any standing water on the blow pit?                                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Are the pits free of trash and oil?                                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | Are there diversion ditches around the pits for natural drainage?                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
| Is there a Manifold on location?                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                        |                                                                                                                                   |
| Is the Manifold free of leaks? Are the hoses in good condition? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                        |                                                                                                                                   |
| OCD                                                             | Was the OCD contacted?                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | PICTURE TAKEN                                                                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No                                                               |                                                                                                                                   |
|                                                                 | COMMENTS                                                                                          | Repair collapsed culvert                                                                                               |                                                                                                                        |                                                                                                                        | Culverts smashed on each end                                                                                           |                                                                                                                        |                                                                                                                        | Culverts Still Flowing OK                                                                                              |                                                                                                                        | Rig on Location                                                                                                        |                                                                                                                                   |



