

District I
1625 N French Dr, Hobbs, NM 88240

District II
1301 W Grand Ave, 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

Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office

**Pit, Closed-Loop System, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application**

- Type of action.
- ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
- ☒ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

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

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

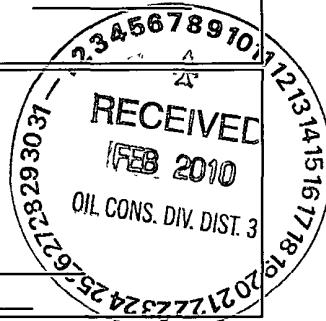
| | |
|--|---------------------|
| 1 | |
| Operator: Burlington Resources Oil & Gas Company, LP | OGRID# 14538 |
| Address P.O. Box 4289, Farmington, NM 87499 | |
| Facility or well name SAN JUAN 27-5 UNIT 909 & SAN JUAN 27-5 UNIT 913 | |
| API Number: 3003930318 & 3003930309 | OCD Permit Number |
| U/L or Qtr/Qtr N(SE/SW) Section: 8 Township: 27N Range: 5W County: Rio Arriba | |
| Center of Proposed Design Latitude: 36.582983 °N Longitude: 107.384567 °W NAD: <input type="checkbox"/> 1927 <input checked="" type="checkbox"/> 1983 | |
| Surface Owner. <input type="checkbox"/> Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Tribal Trust or Indian Allotment | |

| | |
|---|--|
| 2 | |
| <input checked="" type="checkbox"/> Pit: Subsection F or G of 19 15 17 11 NMAC | |
| Temporary <input checked="" type="checkbox"/> Drilling <input type="checkbox"/> Workover | |
| <input type="checkbox"/> Permanent <input type="checkbox"/> Emergency <input type="checkbox"/> Cavitation <input type="checkbox"/> P&A | |
| <input checked="" type="checkbox"/> Lined <input type="checkbox"/> Unlined Liner type Thickness 12 mil <input checked="" type="checkbox"/> LLDPE <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Other | |
| <input checked="" type="checkbox"/> String-Reinforced | |
| Liner Seams <input checked="" type="checkbox"/> Welded <input checked="" type="checkbox"/> Factory <input type="checkbox"/> Other | Volume 4400 bbl Dimensions L 65' x W 45' x D 10' |

| | |
|--|--|
| 3 | |
| <input type="checkbox"/> Closed-loop System: Subsection H of 19 15 17 11 NMAC | |
| Type of Operation <input type="checkbox"/> P&A <input type="checkbox"/> Drilling a new well <input type="checkbox"/> Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) | |
| <input type="checkbox"/> Drying Pad <input type="checkbox"/> Above Ground Steel Tanks <input type="checkbox"/> Haul-off Bins <input type="checkbox"/> Other | |
| <input type="checkbox"/> Lined <input type="checkbox"/> Unlined Liner type Thickness mil <input type="checkbox"/> LLDPE <input type="checkbox"/> HDPE <input type="checkbox"/> PVD <input type="checkbox"/> Other | |
| Liner Seams <input type="checkbox"/> Welded <input type="checkbox"/> Factory <input type="checkbox"/> Other | |

| | |
|---|--|
| 4 | |
| <input type="checkbox"/> Below-grade tank: Subsection I of 19 15 17 11 NMAC | |
| Volume bbl Type of fluid | |
| Tank Construction material | |
| <input type="checkbox"/> Secondary containment with leak detection <input type="checkbox"/> Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off | |
| <input type="checkbox"/> Visible sidewalls and liner <input type="checkbox"/> Visible sidewalls only <input type="checkbox"/> Other | |
| Liner Type Thickness mil <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Other | |

| | |
|--|--|
| 5 | |
| <input type="checkbox"/> Alternative Method: | |
| Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. | |



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| | |
|----|--|
| 6 | <p>Fencing: Subsection D of 19 15 17 11 NMAC (<i>Applies to permanent pit, temporary pits, and below-grade tanks</i>)</p> <p><input type="checkbox"/> Chain link, six feet in height, two strands of barbed wire at top (<i>Required if located within 1000 feet of a permanent residence, school, hospital, institution or church</i>)</p> <p><input type="checkbox"/> Four foot height, four strands of barbed wire evenly spaced between one and four feet</p> <p><input type="checkbox"/> Alternate Please specify _____</p> |
| 7 | <p>Netting: Subsection E of 19 15 17 11 NMAC (<i>Applies to permanent pits and permanent open top tanks</i>)</p> <p><input type="checkbox"/> Screen <input type="checkbox"/> Netting <input type="checkbox"/> Other _____</p> <p><input type="checkbox"/> Monthly inspections (<i>If netting or screening is not physically feasible</i>)</p> |
| 8 | <p>Signs: Subsection C of 19 15 17 11 NMAC</p> <p><input type="checkbox"/> 12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers</p> <p><input checked="" type="checkbox"/> Signed in compliance with 19 15 3 103 NMAC</p> |
| 9 | <p>Administrative Approvals and Exceptions:</p> <p>Justifications and/or demonstrations of equivalency are required Please refer to 19 15 17 NMAC for guidance</p> <p><i>Please check a box if one or more of the following is requested, if not leave blank:</i></p> <p><input type="checkbox"/> Administrative approval(s) Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval (Fencing/BGT Liner)</p> <p><input type="checkbox"/> Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval</p> |
| 10 | <p>Siting Criteria (regarding permitting) 19 15 17 10 NMAC</p> <p><i>Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.</i></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 75%;"> <p>Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.</p> <p>- NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells</p> <p>Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</p> <p>- Topographic map, Visual inspection (certification) of the proposed site</p> <p>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <p>(<i>Applies to temporary, emergency, or cavitation pits and below-grade tanks</i>)</p> <p>- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</p> <p>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <p>(<i>Applied to permanent pits</i>)</p> <p>- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</p> <p>Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.</p> <p>- NM Office of the State Engineer - iWATERS database search, Visual inspection (certification) of the proposed site</p> <p>Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended</p> <p>- Written confirmation or verification from the municipality. Written approval obtained from the municipality</p> <p>Within 500 feet of a wetland.</p> <p>- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site</p> <p>Within the area overlying a subsurface mine.</p> <p>- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division</p> <p>Within an unstable area.</p> <p>- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map</p> <p>Within a 100-year floodplain</p> <p>- FEMA map</p> </div> <div style="width: 20%; text-align: right;"> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> NA</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> NA</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div><input type="checkbox"/> Yes <input type="checkbox"/> No</div> </div> </div> |

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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
- ☐ 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 _____ or Permit _____

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Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15 17 9 NMAC*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached*

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19 15 17 9
- ☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19 15 17 10 NMAC
- ☐ Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19 15 17 13 NMAC

☐ Previously Approved Design (attach copy of design) API _____

☐ Previously Approved Operating and Maintenance Plan API _____

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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 (I) 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

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Proposed Closure: 19 15 17 13 NMAC*Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.*

Type ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Closed-loop System

☐ Alternative

Proposed Closure Method ☐ Waste Excavation and Removal

☐ Waste Removal (Closed-loop systems only)

☐ On-site Closure Method (only for temporary pits and closed-loop systems)

☐ In-place Burial ☐ On-site Trench

☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

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Waste Excavation and Removal Closure Plan Checklist: (19 15 17 13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19 15 17 13 D NMAC)
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name _____ Disposal Facility Permit # _____

Disposal Facility Name _____ Disposal Facility Permit # _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and
☐ Yes (If yes, please provide the information) ☐ No

Required for impacted areas which will not be used for future service and operations

- ☐ Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

Siting Criteria (Regarding on-site closure methods only): 19 15 17 10 NMAC

Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19 15 17 10 NMAC for guidance.

| | |
|--|--|
| Ground water is less than 50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 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"/> N/A |
| 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 | <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 <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of the 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 |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality, Written approval obtained from the municipality | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 500 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 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 |

On-Site Closure Plan Checklist: (19 15 17 13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC
☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19 15 17 11 NMAC
☐ Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19 15 17 11 NMAC
☐ Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC
☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

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Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief

Name (Print) _____ Title _____
 Signature _____ Date _____
 e-mail address _____ Telephone _____

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OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)OCD Representative Signature: Jonathan D. Kelly Approval Date: 9/26/2011Title: Compliance Officer OCD Permit Number: _____

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Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ Closure Completion Date: June 1, 2009

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Closure Method:

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

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Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:

Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name Envirotech / JFJ Landfarm % IEI Disposal Facility Permit Number NM-01-0011 / NM -01-0010B
 Disposal Facility Name Basin Disposal Facility Disposal Facility Permit Number NM-01-005

Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?

☒ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations

☒ Site Reclamation (Photo Documentation)
☒ Soil Backfilling and Cover Installation
☒ Re-vegetation Application Rates and Seeding Technique

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

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

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Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print) Crystal Tafoya Title Regulatory Tech
 Signature Crystal Tafoya Date 2/4/2010
 e-mail address crystal.tafoya@conocophillips.com Telephone 505-326-9837

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

Lease Name: SAN JUAN 27-5 UNIT 909 & 913

API No.: 30-039-30318 & 30-039-30309

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)**
- **C-141 (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) 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 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 certified mail. (See Attached)(Well located on PrivateLand, certified mail is not required for Federal Land per BLM/OCD MOU.)

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

Provision 4 of the closure plan requirements were not met due to rig move off date as noted on C-105 which was prior to pit rule change. Burlington will ensure compliance with this rule in the future.

4. 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.

5. All contents of the temporary pit including the liner will be excavated and hauled to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit #NM-01-0011.

Liner of temporary pit and pit contents was excavated and hauled to Envirotech Land Farm (Permit #NM-01-0011). Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried.

6. 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 from the soil beneath the pit to conclude if a release had occurred using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). (Sample results attached).

| Components | Tests Method | Limit (mg/Kg) | Results |
|------------|---------------------------|----------------------|------------|
| Benzene | EPA SW-846 8021B or 8260B | 0.2 | ND ug/kg |
| BTEX | EPA SW-846 8021B or 8260B | 50 | ND ug/kG |
| TPH | EPA SW-846 418.1 | 2500 | 38.8 mg/kg |
| GRO/DRO | EPA SW-846 8015M | 500 | ND mg/Kg |
| Chlorides | EPA 300.1 | 2000 /500 | 105 mg/L |

7. Upon testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. The cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

The pit area passed testing standards. The pit area was then backfilled with compacted, non-waste containing, earthen material. The cover included one foot of suitable material to establish vegetation at the site.

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

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

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

Provision 13 was accomplished on 6/17/2009 with the following seeding regiment:

| Type | Variety or Cultivator | PLS/A |
|--------------------------|-----------------------|-------|
| Western wheatgrass | Arriba | 3 0 |
| Indian ricegrass | Paloma or Rimrock | 3 0 |
| Slender wheatgrass | San Luis | 2 0 |
| Crested wheatgrass | Hy-crest | 3 0 |
| Bottlebrush Squirreltail | Unknown | 2 0 |
| Four-wing Saltbrush | Delar | 25 |

10. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native

perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

Provision 14 was accomplished on 6/17/2009 with the above seeding regiment. Seeding was accomplished via drilling on the contour whenever practical or by other division-approved methods. The OCD will be notified once two successive growing seasons have been accomplished by submitting a C-103.

11. 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.

The temporary pit was excavated and no on-site burial marker was required.

RCVD AUG 24 '07
OIL CONS. DIV.
DIST. 3

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

AUG - 1 PM 3:48 C-102
Revised October 12, 2005
Submit to: Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
210 FARMINGTON NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|---|--------------------------|--|
| API Number 30-039-30309 | | Pool Code 71599/72319 | Basin Name Basin Dakota/Bianco Mesquite |
| Property Code 7454 | Property Name SAN JUAN 27-5 UNIT | | Well Number 909 |
| OCRD No. 14538 | Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP. | | Elevation 6591 |

13 Surface Location

| UL or lot no. | Section | Township | Range | Lot 1/4 | Feet from line | North/South line | Feet from line | East/West line | County |
|---------------|---------|----------|-------|---------|----------------|------------------|----------------|----------------|------------|
| N | 8 | 27 N | 5 W | | 886 | SOUTH | 1892 | WEST | RIO ARriba |

14 Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot 1/4 | Feet from line | North/South line | Feet from line | East/West line | County |
|---------------|---------|----------|-------|---------|----------------|------------------|----------------|----------------|------------|
| K | 8 | 27 N | 5 W | | 1920 | SOUTH | 2280 | WEST | RIO ARriba |

| | | | |
|---------------------------|-----------------|--------------------|-----------|
| Dedicated Acres 320W/2 | Joint or Infill | Consolidation Code | 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 S 88°47'03" E | | 5208.18' | | 17 OPERATOR CERTIFICATION | |
| 2646.35' | N 0°25'21" W | O = SURFACE LOCATION ● = BOTTOM HOLE LOCATION | | 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 undivided mineral interest in the land including the proposed bottom hole location or has a right to do so. I will at this location permit to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereafter entered by the division. | |
| | | USA SF-079391 | | Signature Kendia Roland | |
| | | SECTION 8 | | Date 6/21/07 | |
| | | 2616.10' | | Printed Name Kendia Roland | |
| 2280' | | NAD 83 LAT: 36.585736° N LONG: 107.585109° W | | 18 SURVEYOR CERTIFICATION | |
| 1892' | | NAD 27 LAT: 36° 33.1436' N LONG: 107° 22.9504' W | | I hereby certify that the well location shown on this plat was plotted from field notes of direct survey made by me or under my supervision, and that the same is true and correct to the best of my belief. | |
| 1920' | | NAD 83 LAT: 36.583051° N LONG: 107.584411° W | | 6/07/07 Date of Survey | |
| 886' | | NAD 27 LAT: 36° 34.9826' N LONG: 107° 23.0285' W | | Signature and Seal of Surveyor | |
| 2690.10' | | S 83°29'20" W | | MARSHALL W. LINDEEN NEW MEXICO LICENSED PROFESSIONAL SURVEYOR 17078 | |
| 2670.27' | | 2670.27' | | 17078 Certificate Number | |

GROUND ELEVATION: 6591 - DATE: JUNE 7, 2007

LATITUDE: 36°34 9825' N LONGITUDE: 107°23.0285' W NAD 27

P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505)334-0408

DISTRICT I

1626 N. French Dr., Hobbs, N.M. 88240

DISTRICT II

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

DISTRICT III

1000 Elv Brazos Rd., Aztec, N.M. 87410

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|----------------|--|---|--|-----------------------------|----------------------------|
| *API Number | | *Pool Code | | *Pool Name DAKOTA | |
| *Property Code | | *Property Name SAN JUAN 27-5 UNIT | | | *Well Number 913 |
| *GRID No. | | *Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP. | | | *Elevation 6591 |

¹⁰ Surface Location

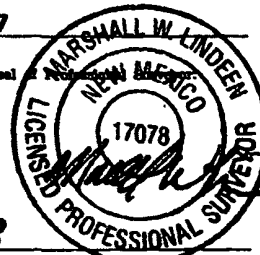
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|----------|-------------|------------|---------|---------------|------------------|---------------|----------------|-------------------|
| N | 8 | 27 N | 5 W | | 853 | SOUTH | 1846 | WEST | RIO ARRIBA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|----------|-------------|------------|---------|---------------|------------------|---------------|----------------|-------------------|
| N | 8 | 27 N | 5 W | | 1135 | SOUTH | 1605 | WEST | RIO ARRIBA |

| ¹² Dedicated Acres | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| 320 | | | |

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 S 88°47'03" E | | 5208.18' | | 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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____ | |
| 2676.33' | | 2689.32' | | | |
| N 0°23'21" W | | USA SF-079391 | | S 1°25'51" E | |
| SECTION 8 | | | | | |
| 2616.10' | | NAD 83 LAT: 36.583908° N LONG: 107.385395° W NAD 27 LAT: 36° 35.0340' N LONG: 107° 23.0876' W | | 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. 6/07/07 Date of Survey Signature and Seal _____  17078 Certificate Number | |
| 1605' | | 1846' | | 2680.33' | |
| N 0°35'07" W | | NAD 83 LAT: 36.582983° N LONG: 107.384567° W NAD 27 LAT: 36° 34.9784' N LONG: 107° 23.0379' W | | S 1°21'02" E | |
| N 78°32'24" W | | 2690.16' | | 2670.27' | |

BURLINGTON RESOURCES OIL & GAS COMPANY LP.

SAN JUAN 27-5 UNIT 913 - 853' FSL & 1846' FWL (SURFACE)

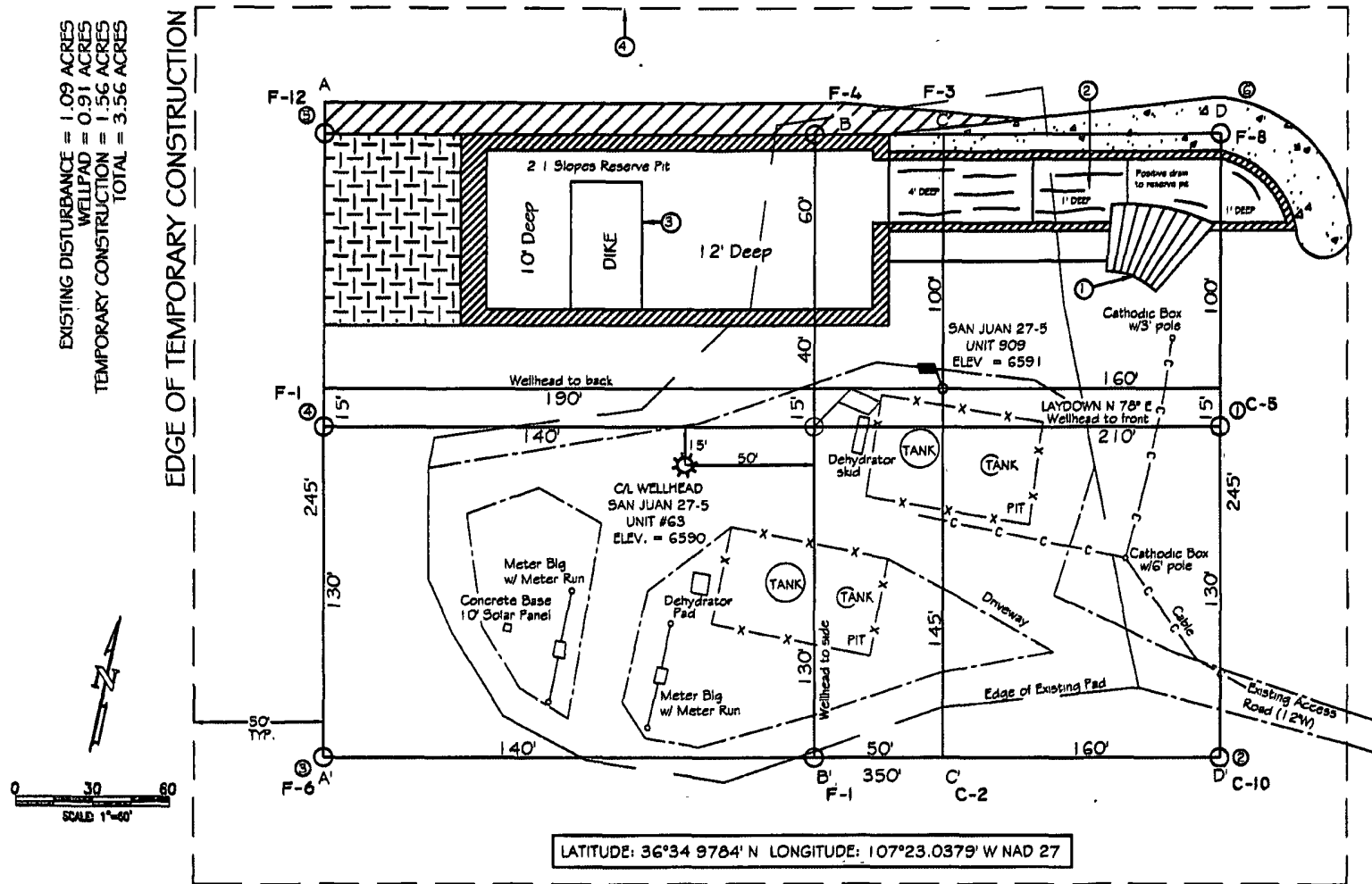
1135' FSL & 1605' FWL (BOTTOM)

SECTION 8, T-27-N, R-5-W, N.M.P.M., RIO ARriba COUNTY, N.M.

GROUND ELEVATION: 6591 - DATE: JUNE 7, 2007

EXISTING DISTURBANCE = 1.09 ACRES
WELLPAD = 0.91 ACRES
TEMPORARY CONSTRUCTION = 1.56 ACRES
TOTAL = 3.56 ACRES

EDGE OF TEMPORARY CONSTRUCTION



LATITUDE: 36°34' 9784' N LONGITUDE: 107°23.0379' W NAD 27

PAD CONST. SPECS.

1. RAMP INTO PIT CONSTRUCTED FROM PAD GRADE INTO FLARE AREA AT 5% SLOPE
2. APPROXIMATE 13x75' PIT AREA LINED WITH 12 MIL POLYLINER
3. RESERVE PIT DIKE TO BE 6' ABOVE DEEP SIDE (OVERFLOW - 5' WIDE AND 1' ABOVE SHALLOW SIDE)
4. EDGE OF TEMPORARY CONSTRUCTION DEFINED IN FIELD W/ T-POST

NOTES:

- 1.) CONTRACTOR SHOULD CALL "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELLPAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONST
- 2.) UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

SURVEYED: 6/07/07

REV. DATE:

APP. BY M.W.L.

DRAWN BY: H.S.

DATE DRAWN: 6/13/07

FILE NAME: 7703L01



P.O. BOX 3651
FARMINGTON, NM 87499
OFFICE: (505)334-0408

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | |
|---|-------------------------------------|
| Name of Company Burlington Resources O&G Company, LP | Contact Crystal Tafoya |
| Address 3401 East 30th St, Farmington, NM | Telephone No. (505) 326-9837 |
| Facility Name: San Juan 27-5 Unit 909 & 913 | Facility Type: Gas Well |

| | | |
|------------------------------|------------------------------|----------------------------|
| Surface Owner Private | Mineral Owner Federal | Lease No. SF-079391 |
|------------------------------|------------------------------|----------------------------|

LOCATION OF RELEASE

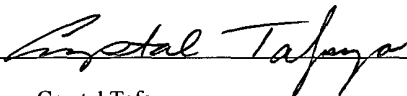
| | | | | | | | | |
|-------------------------|---------------------|------------------------|--------------------|---------------|------------------|---------------|----------------|-----------------------------|
| Unit Letter N | Section 8 | Township 27N | Range 5W | Feet from the | North/South Line | Feet from the | East/West Line | County Rio Arriba |
|-------------------------|---------------------|------------------------|--------------------|---------------|------------------|---------------|----------------|-----------------------------|

Latitude 36.582983 Longitude 107.384567

NATURE OF RELEASE

| | | |
|--|---|---------------------------------------|
| Type of Release Pit Closure Summary | Volume of Release N/A | Volume Recovered N/A |
| Source of Release N/A | Date and Hour of Occurrence N/A | Date and Hour of Discovery N/A |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? N/A | |
| By Whom? N/A | Date and Hour N/A | |
| Was a Watercourse Reached? N/A <input type="checkbox"/> Yes <input type="checkbox"/> No | If YES, Volume Impacting the Watercourse. N/A | |
| If a Watercourse was Impacted, Describe Fully.* N/A | | |
| Describe Cause of Problem and Remedial Action Taken.* N/A | | |
| Describe Area Affected and Cleanup Action Taken * N/A | | |

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | | | |
|--|--|----------------------------------|-----------------------------------|
| Signature:  | | OIL CONSERVATION DIVISION | |
| Printed Name: Crystal Tafoya | | Approved by District Supervisor | |
| Title: Regulatory Tech | | Approval Date: | Expiration Date: |
| E-mail Address: crystal.tafoya@conocophillips.com | | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 2/1/10 Phone: (505) 326-9837 | | | |

* Attach Additional Sheets If Necessary

**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

| | | | |
|---------------------|---------------------|--------------------|------------|
| Client | ConocoPhillips | Project # | 96052-0026 |
| Sample ID | SJ 27-5 #909,913 | Date Reported | 06-22-09 |
| Laboratory Number | 50555 | Date Sampled | 06-02-09 |
| Chain of Custody No | 7112 | Date Received | 06-18-09 |
| Sample Matrix | Soil | Date Extracted | 06-18-09 |
| Preservative | Cool | Date Analyzed | 06-19-09 |
| Condition | Out of Holding Time | Analysis Requested | 8015 TPH |

| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

ND - Parameter not detected at the stated detection limit

References Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996

Comments **Drilling Pit Sample - Under Liner**

Analyst

Review

**EPA Method 8015 Modified
 Nonhalogenated Volatile Organics
 Total Petroleum Hydrocarbons**

Quality Assurance Report

| | | | |
|-------------------|--------------------|--------------------|----------|
| Client | QA/QC | Project # | N/A |
| Sample ID | 06-19-09 QA/QC | Date Reported | 06-22-09 |
| Laboratory Number | 50550 | Date Sampled | N/A |
| Sample Matrix | Methylene Chloride | Date Received | N/A |
| Preservative | N/A | Date Analyzed | 06-19-09 |
| Condition | N/A | Analysis Requested | TPH |

| | I-Cal Date | I-Cal RF | C-Cal RF | % Difference | Accept Range |
|-------------------------|------------|-------------|-------------|--------------|--------------|
| Gasoline Range C5 - C10 | 05-07-07 | 1 0682E+003 | 1 0686E+003 | 0.04% | 0 - 15% |
| Diesel Range C10 - C28 | 05-07-07 | 1 0892E+003 | 1 0896E+003 | 0.04% | 0 - 15% |

| Blank Conc. (mg/L - mg/Kg) | Concentration | Detection Limit |
|------------------------------|---------------|-----------------|
| Gasoline Range C5 - C10 | ND | 0.2 |
| Diesel Range C10 - C28 | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

| Duplicate Conc. (mg/Kg) | Sample | Duplicate | % Difference | Accept Range |
|-------------------------|--------|-----------|--------------|--------------|
| Gasoline Range C5 - C10 | ND | ND | 0.0% | 0 - 30% |
| Diesel Range C10 - C28 | ND | ND | 0.0% | 0 - 30% |

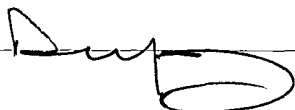
| Spike Conc. (mg/Kg) | Sample | Spike Added | Spike Result | % Recovery | Accept Range |
|-------------------------|--------|-------------|--------------|------------|--------------|
| Gasoline Range C5 - C10 | ND | 250 | 249 | 99.6% | 75 - 125% |
| Diesel Range C10 - C28 | ND | 250 | 255 | 102% | 75 - 125% |

ND - Parameter not detected at the stated detection limit

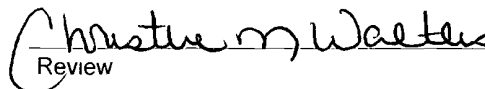
References Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996

Comments **QA/QC for Samples 50550 and 50553 - 50561.**

Analyst



Review





| | | | |
|-------------------|---------------------|--------------------|------------|
| Client | ConocoPhillips | Project # | 96052-0026 |
| Sample ID | SJ 27-5 #909,913 | Date Reported | 06-22-09 |
| Laboratory Number | 50555 | Date Sampled | 06-02-09 |
| Chain of Custody | 7112 | Date Received | 06-18-09 |
| Sample Matrix | Soil | Date Analyzed | 06-19-09 |
| Preservative | Cool | Date Extracted | 06-18-09 |
| Condition | Out of Holding Time | Analysis Requested | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene | ND | 0.9 |
| Toluene | ND | 1.0 |
| Ethylbenzene | ND | 1.0 |
| p,m-Xylene | ND | 1.2 |
| o-Xylene | ND | 0.9 |
| Total BTEX | ND | |

ND - Parameter not detected at the stated detection limit

| Surrogate Recoveries | Parameter | Percent Recovery |
|----------------------|---------------------|------------------|
| | Fluorobenzene | 99.0 % |
| | 1,4-difluorobenzene | 99.0 % |
| | Bromochlorobenzene | 99.0 % |

References Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996

Comments: **Drilling Pit Sample - Under Liner**

Analyst

Review

| | | | |
|-------------------|----------------|---------------|----------|
| Client | N/A | Project # | N/A |
| Sample ID | 06-19-BT QA/QC | Date Reported | 06-22-09 |
| Laboratory Number | 50550 | Date Sampled | N/A |
| Sample Matrix | Soil | Date Received | N/A |
| Preservative | N/A | Date Analyzed | 06-19-09 |
| Condition | N/A | Analysis | BTEX |

| Calibration and Detection Limits (ug/L) | I-Cal RF | C-Cal RF | %Diff | Blank Conc | Detect Limit |
|--|----------------------|-------------|-------|---------------|-----------------|
| | Accept Range 0 - 15% | | | | |
| Benzene | 3.7758E+006 | 3.7834E+006 | 0.2% | ND | 0.1 |
| Toluene | 3.4460E+006 | 3.4529E+006 | 0.2% | ND | 0.1 |
| Ethylbenzene | 3.0241E+006 | 3.0302E+006 | 0.2% | ND | 0.1 |
| p,m-Xylene | 7.7528E+006 | 7.7683E+006 | 0.2% | ND | 0.1 |
| o-Xylene | 2.8929E+006 | 2.8987E+006 | 0.2% | ND | 0.1 |

| Duplicate Conc. (ug/Kg) | Sample | Duplicate | %Diff | Accept Range | Detect Limit |
|-------------------------|--------|-----------|-------|--------------|--------------|
| Benzene | 7.1 | 6.9 | 2.8% | 0 - 30% | 0.9 |
| Toluene | 6.1 | 5.5 | 9.8% | 0 - 30% | 1.0 |
| Ethylbenzene | 7.5 | 7.8 | 4.0% | 0 - 30% | 1.0 |
| p,m-Xylene | 15.3 | 16.5 | 7.8% | 0 - 30% | 1.2 |
| o-Xylene | 8.5 | 8.1 | 4.7% | 0 - 30% | 0.9 |

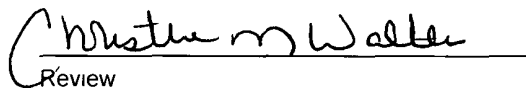
| Spike Conc. (ug/Kg) | Sample | Amount Spiked | Spiked Sample | % Recovery | Accept Range |
|---------------------|--------|---------------|---------------|------------|--------------|
| Benzene | 7.1 | 50.0 | 56.9 | 99.6% | 39 - 150 |
| Toluene | 6.1 | 50.0 | 57.5 | 102% | 46 - 148 |
| Ethylbenzene | 7.5 | 50.0 | 55.4 | 96.3% | 32 - 160 |
| p,m-Xylene | 15.3 | 100 | 113 | 98.0% | 46 - 148 |
| o-Xylene | 8.5 | 50.0 | 59.7 | 102% | 46 - 148 |

ND - Parameter not detected at the stated detection limit

References Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996
 Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments: QA/QC for Samples 50550 and 50553 - 50561.


 Analyst


 Review



| | | | |
|----------------------|---------------------|------------------|------------|
| Client: | ConocoPhillips | Project #: | 96052-0026 |
| Sample ID | SJ 27-5 909 913 | Date Reported: | 06-19-09 |
| Laboratory Number: | 50555 | Date Sampled | 06-02-09 |
| Chain of Custody No: | 7112 | Date Received: | 06-18-09 |
| Sample Matrix: | Soil | Date Extracted: | 06-18-09 |
| Preservative: | Cool | Date Analyzed: | 06-18-09 |
| Condition: | Out of Holding Time | Analysis Needed: | TPH-418 1 |

| Parameter | Concentration (mg/kg) | Det. Limit (mg/kg) |
|------------------------------|--------------------------|--------------------------|
| Total Petroleum Hydrocarbons | 38.8 | 14.7 |

ND = Parameter not detected at the stated detection limit

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Pit Sample - Under Liner.**

Analyst

Review



envirotech

Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS
QUALITY ASSURANCE REPORT

| | | | |
|--------------------|-----------------------|------------------|----------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | QA/QC | Date Reported: | 06-19-09 |
| Laboratory Number: | 06-18-TPH.QA/QC 50546 | Date Sampled: | N/A |
| Sample Matrix: | Freon-113 | Date Analyzed: | 06-18-09 |
| Preservative: | N/A | Date Extracted: | 06-18-09 |
| Condition: | N/A | Analysis Needed: | TPH |

| Calibration | I-Cal Date | C-Cal Date | I-Cal RF | C-Cal RF | % Difference | Accept Range |
|-------------|------------|------------|----------|----------|--------------|--------------|
| | 06-16-09 | 06-18-09 | 1,310 | 1,270 | 3.1% | +/- 10% |

| Blank Conc. (mg/Kg) | Concentration | Detection Limit |
|---------------------|---------------|-----------------|
| TPH | ND | 14.7 |

| Duplicate Conc. (mg/Kg) | Sample | Duplicate | % Difference | Accept Range |
|-------------------------|--------|-----------|--------------|--------------|
| TPH | 22.0 | 21.0 | 4.5% | +/- 30% |

| Spike Conc. (mg/Kg) | Sample | Spike Added | Spike Result | % Recovery | Accept Range |
|---------------------|--------|-------------|--------------|------------|--------------|
| TPH | 22.0 | 2,000 | 1,730 | 85.6% | 80 - 120% |

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 50546 and 50553 - 50561.

Analyst

Review



| | | | |
|----------------|---------------------|-------------------|------------|
| Client: | ConocoPhillips | Project #: | 96052-0026 |
| Sample ID: | SJ 27-5 909 913 | Date Reported: | 06-19-09 |
| Lab ID#: | 50555 | Date Sampled: | 06-02-09 |
| Sample Matrix: | Soil | Date Received: | 06-18-09 |
| Preservative: | Cool | Date Analyzed: | 06-19-09 |
| Condition: | Out of Holding Time | Chain of Custody: | 7112 |

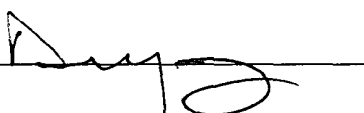
| Parameter | Concentration (mg/Kg) |
|-----------|-----------------------|
|-----------|-----------------------|

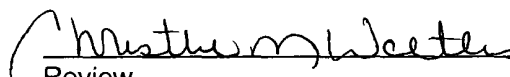
Total Chloride

105

Reference U S E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed , 1992.

Comments: **Pit Sample - Under Liner.**

Analyst 


Review

| | | | | | | | | | | |
|--|---|---|------------------------|--------------------------------------|-------------|--|--|-------------------------------|----------|---------------|
| 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. 30-039-30309 & 30-039-30318 2 Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN 3 State Oil & Gas Lease No SF-079391 | | | | | | | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | |
| 4 Reason for filing <input type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> 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 San Juan 27-5 Unit 6 Well Number 909 & 913 | | | | | | | | |
| 7 Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER | | | | | | | | | | |
| 8 Name of Operator Burlington Resources Oil Gas Company, LP 10 Address of Operator PO Box 4298, Farmington, NM 87499 | | 9 OGRID 14538 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 |
| Surface: | | | | | | | | | | |
| BH: | | | | | | | | | | |
| 13 Date Spudded | 14 Date T D Reached | 15 Date Rig Released 06/11/2008 | | 16 Date Completed (Ready to Produce) | | | 17 Elevations (DF and RKB, RT, GR, etc) | | | |
| 18 Total Measured Depth of Well | | 19 Plug Back Measured Depth | | 20 Was Directional Survey Made? | | | 21 Type Electric and Other Logs Run | | | |
| 22 Producing Interval(s), of this completion - Top, Bottom, Name | | | | | | | | | | |
| 23 CASING RECORD (Report all strings set in well) | | | | | | | | | | |
| CASING SIZE | | WEIGHT LB /FT | | DEPTH SET | | HOLE SIZE | | CEMENTING RECORD | | AMOUNT PULLED |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 24. LINER RECORD | | | | | | 25 TUBING RECORD | | | | |
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | | SIZE | DEPTH SET | PACKER SET | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 26 Perforation record (interval, size, and number) | | | | | | 27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | | | | |
| | | | | | | DEPTH INTERVAL | | AMOUNT AND KIND MATERIAL USED | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 28 PRODUCTION | | | | | | | | | | |
| Date First Production | | Production Method (Flowing, gas lift, pumping - Size and type pump) | | | | Well Status (Prod or Shut-in) | | | | |
| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl | Gas - MCF | Water - Bbl | Gas - Oil Ratio | | | |
| Flow Tubing Press | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl | Gas - MCF | Water - Bbl | Oil Gravity - API - (Corr) | | | | |
| 29 Disposition of Gas (Sold, used for fuel, vented, etc) | | | | | | | | 30 Test Witnessed By | | |
| 31 List Attachments | | | | | | | | | | |
| 32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit | | | | | | | | | | |
| 33 If an on-site burial was used at the well, report the exact location of the on-site burial | | | | | | | | | | |
| N/A DIG & HAUL | | Latitude | °N | Longitude | °W | NAD | <input type="checkbox"/> 1927 | <input type="checkbox"/> 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 <u>Crystal Tafoya</u> Printed Name Crystal Tafoya Title: Regulatory Tech Date: <u>2/4/2010</u> E-mail Address <u>crystal.tafoya@conocophillips.com</u> | | | | | | | | | | |



Pit Closure Form:

Date: 6/1/09

Well Name: 27-5#909

Footages: _____ Unit Letter: N

Section: 8, T-27-N, R-5-W, County: Rio Arriba State: N.M.

Contractor Closing Pit: M.M.

Construction Inspector: Eric Smith Date: 6/1/09

Inspector Signature: [Signature]



Pit Closure Form:

Date: 6/2/09

Well Name: 27-5th 913

Footages: _____ Unit Letter: J

Section: 8, T-27-N, R-5-W, County: Rio Arriba State: N.M.

Contractor Closing Pit: M: M

Construction Inspector: Eric Smith Date: 6/3/09

Inspector Signature: E. Smith

Tafoya, Crystal

From: Silverman, Jason M <Jason M Silverman@conocophillips.com>
Sent: Thursday, May 28, 2009 12:56 PM
To: Stallsmith, Mark R <Mark R.Stallsmith@conocophillips.com>; Brandon Powell@state.nm.us <Brandon.Powell@state.nm.us>; Mark Kelly <Mark_Kelly@blm.gov>; Robert Switzer <Robert_Switzer@blm.gov>; Sherrie Landon <Sherrie_Landon@blm.gov>
Cc: 'michelem45@q.com' <michelem45@q.com>; Art Sanchez <art9sranch@msn.com>; Faver Norman (faverconsulting@yahoo.com) <faverconsulting@yahoo.com>; Jared Chavez <jared_chavez@live.com>; KENDAL BASSING <Kendal.R.Bassing@conocophillips.com>; Scott Smith <harleysmith_99@yahoo.com>; Silverman, Jason M <Jason M.Silverman@conocophillips.com>; Smith Eric (sconsulting.eric@gmail.com) <sconsulting.eric@gmail.com>; Stan Mobley <kyvekasm@qwestoffice.net>; Terry Lowe <loweconsulting@msn.com>; Becker, Joey W <Joe W.Becker@conocophillips.com>; Bonilla, Amanda <Amanda.Bonilla@conocophillips.com>; Bowker, Terry D <Terry.D.Bowker@conocophillips.com>; Busse, Dollie L <Dollie L.Busse@conocophillips.com>; Chavez, Virgil E <Virgil.E.Chavez@conocophillips.com>; Gordon Chenault <gordon@ccinm.com>; GRP SJBU Production Leads <SJBUProductionLeads@conocophillips.com>; Hockett, Christy R <Christy R.Hockett@conocophillips.com>; Kennedy, Jim R <JIM R.Kennedy@conocophillips.com>; Larry Thacker <lthackerccinm@hotmail.com>; Lopez, Richard A <Richard.A.Lopez@conocophillips.com>; Loudermilk, Jerry L <Jerry.L.Loudermilk@conocophillips.com>; Nelson, Terry J <Terry J.Nelson@conocophillips.com>; O'Nan, Mike J <Mike J O'Nan@conocophillips.com>; Peace, James T <James.T.Pease@conocophillips.com>; Pierce, Richard M <Richard M.Pierce@conocophillips.com>; Poulson, Mark E <Mark.E.Poulson@conocophillips.com>; Richards, Brian <Brian.Richards@conocophillips.com>; Smith, Randall O <Randy O.Smith@conocophillips.com>; Stamets, Steve A <Steve A.Stamets@conocophillips.com>; Thacker, LARRY <lthacker@ccinm.com>; Work, Jim A <Jim.A.Work@conocophillips.com>; Blair, Maxwell O <Maxwell O.Blair@conocophillips.com>; Blakley, Mac <Maclovia.Blakley@conocophillips.com>; Clark, Joni E <Joni E.Clark@conocophillips.com>; Cornwall, Mary Kay <Mary.K.Cornwall@conocophillips.com>; Farrell, Juanita R <Juanita R.Farrell@conocophillips.com>; Greer, David A <David A.Greer@conocophillips.com>; Maxwell, Mary Alice <Mary A.Maxwell@conocophillips.com>; McWilliams, Peggy L <Peggy.L.McWilliams@conocophillips.com>; Seabolt, Elmo F <Elmo F.Seabolt@conocophillips.com>
Subject: Reclamation Notice . San Juan 27-5 Unit 909, 913
Importance: High
Attachments: San Juan 27-5 unit 909 pdf, San Juan 27-5 unit 913 pdf

M&M Trucking will move a tractor to the San Juan 27-5 Unit 909 & 913 (twinned) on Tuesday, June 2nd, 2009 to start the Reclamation Process. Please contact Eric Smith (608-1387) if you have any questions or need further assistance.

Thanks, Jason Silverman

**Jason Silverman -----
 Construction Technician
 ConocoPhillips Company - SJBU
 Construction Department**

P.O. Box 4289
Farmington, NM 87499-4289
505-326-9821
Jason.M.Silverman@ConocoPhillips.com

Burlington Resources Well- Network #10200037

Rio Arriba County, NM:

SJ 27-5 Unit 909 - Fee surface / BLM minerals

Twinned on 27-5 63

886' FSL, 1892' FWL

Sec. 8, T27N, R5W

Unit Letter 'N'

Lease #: USA SF-079391

API #: 30-039-30309

Latitude: 36° 34' 58.98360" N (NAD 83)

Longitude: 107° 23' 03.87960" W

Elevation: 6591'

Burlington Resources Well- Network #10199765

Rio Arriba County, NM:

SJ 27-5 Unit 913 - Fee surface / BLM minerals

Twinned on 27-5 63

853' FSL, 1846' FWL

Sec. 8, T27N, R5W

Unit Letter 'N'

Lease #: USA SF-079391

API #: 30-039-30318

Latitude: 36° 34' 58.73880" N (NAD 83)

Longitude: 107° 23' 04.44120" W

Elevation: 6591'



Reclamation Form:

Date: 6/15/09

Well Name: 27-5[#] 909

Footages: 886' FSL 1892 FWL Unit Letter: N

Section: R, T-27-N, R-5-W, County: Bio Arriba State: N.M.

Reclamation Contractor: M & M

Reclamation Date: 6/15/09

Road Completion Date: 6/17/09

Seeding Date: 6/17/09

Construction Inspector: Eric Smith Date: 6/18/09

Inspector Signature: E-28



Reclamation Form:

Date: 6/15/09

Well Name: 21-5#913

Footages: 853' fsl 1846 Unit Letter: N

Section: 8, T-21 -N, R-5 -W, County: Rio Arriba State: N.M.

Reclamation Contractor: M: M

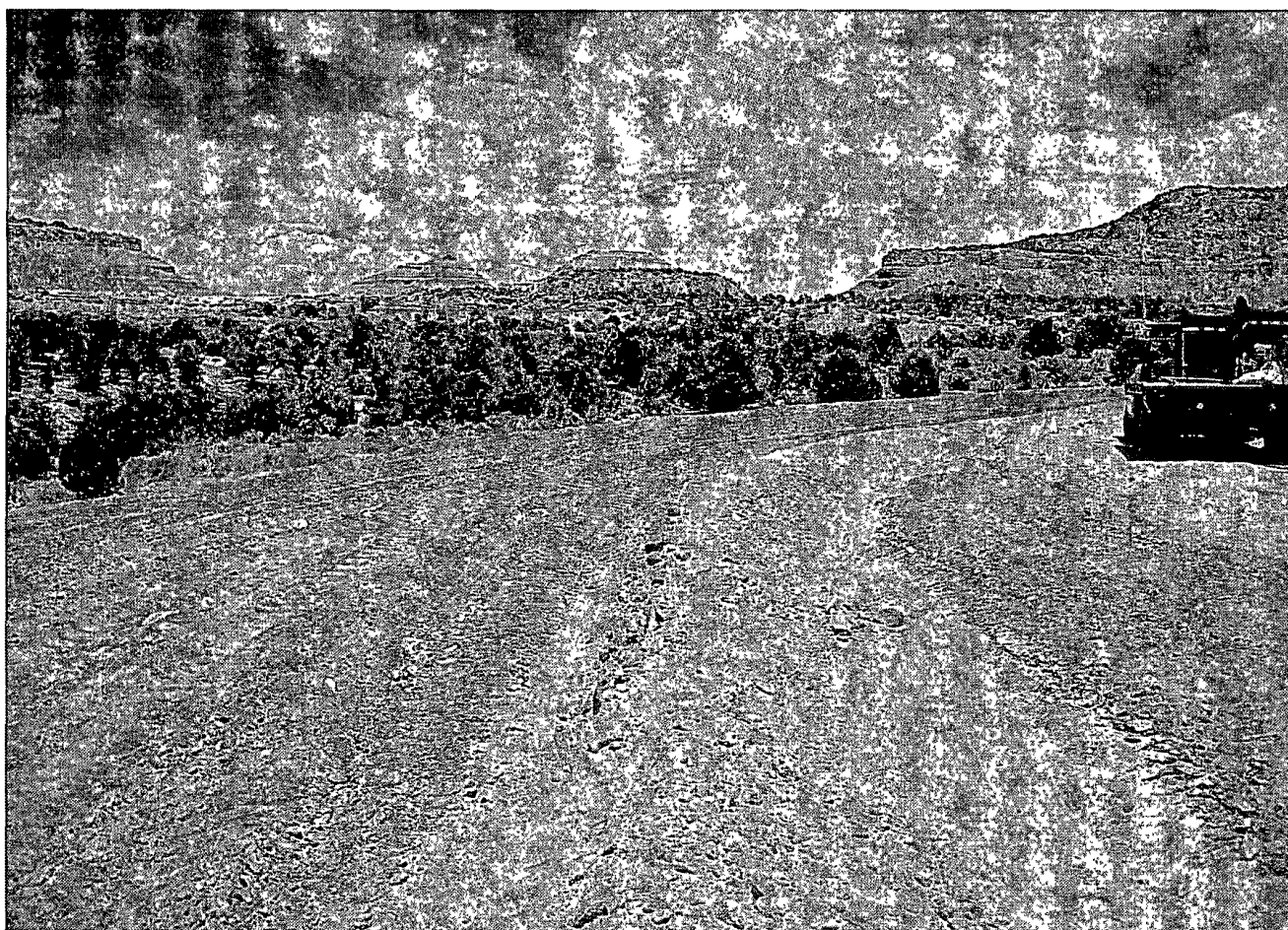
Reclamation Date: 6/15/09

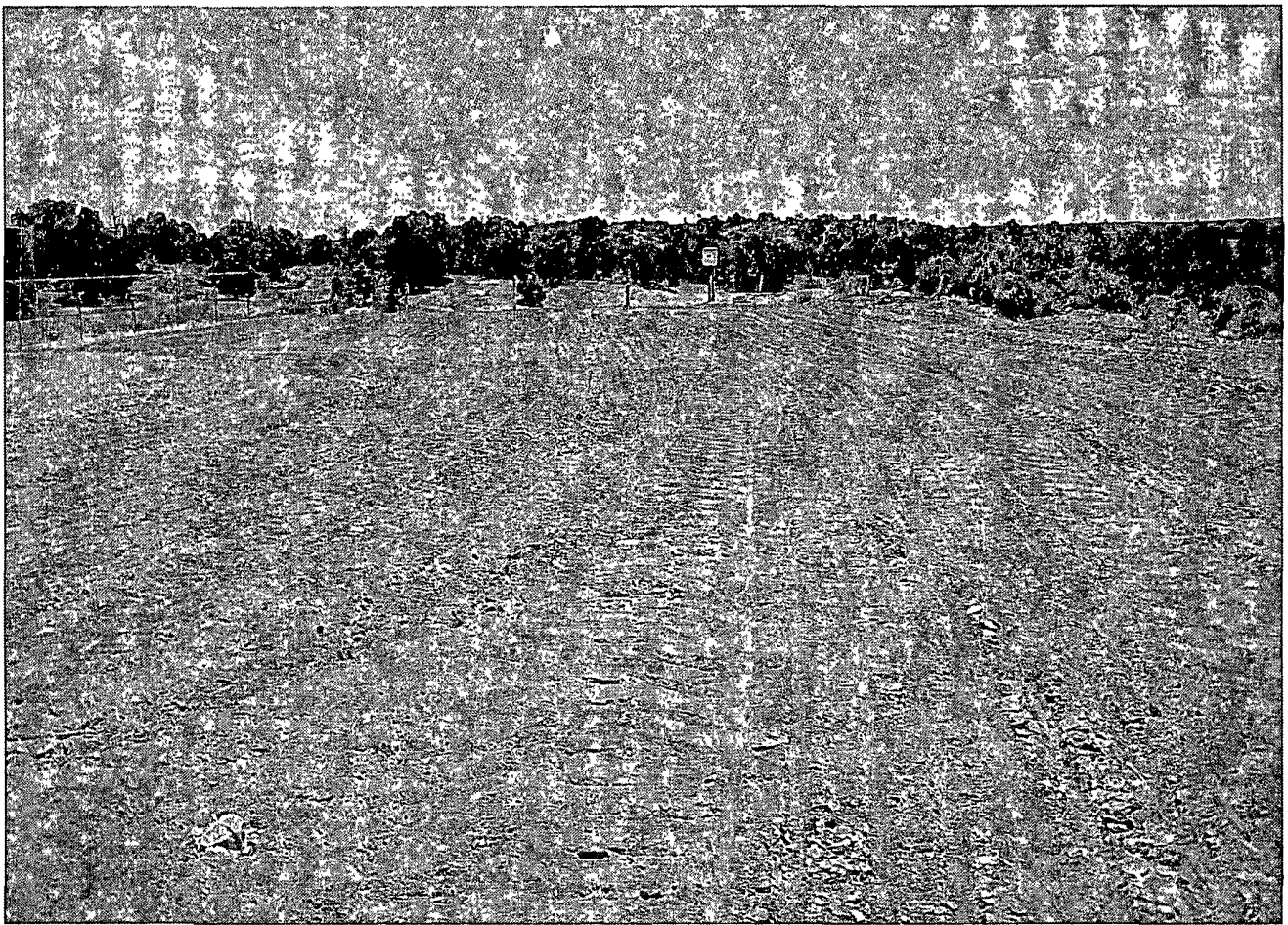
Road Completion Date: 6/17/09

Seeding Date: 6/17/09

Construction Inspector: Eric Smith Date: 6/18/09

Inspector Signature: E. Smith





WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: San Juan 27-5 Unit #909
San Juan 27-5 Unit #913

API#: 30-039-30309
API#: 30-039-30318

| DATE | INSPECTOR | SAFETY CHECK | LOCATION CHECK | PICTURES TAKEN | COMMENTS |
|----------|--------------|--------------|----------------|----------------|---|
| 5/9/08 | Art Sanchez | X | X | | MOTE setting surface, ACE services lining pits and installing fence |
| 5/16/08 | Art Sanchez | X | X | | AWS #730 drilling rig on location |
| 6/3/08 | Rodney Woody | X | X | | AWS #673 on location |
| 6/9/08 | Rodney Woody | | | | AWS #673 on location |
| 6/17/08 | Rodney Woody | X | X | X | Called MVCI to repair liner |
| 6/24/08 | Rodney Woody | X | X | X | Hole needs patched and apron needs picked up |
| 7/1/08 | Rodney Woody | X | X | X | Holes |
| 7/8/08 | Rodney Woody | X | X | X | Called MVCI to repair liner |
| 7/15/08 | Rodney Woody | X | X | X | Called MVCI to repair holes |
| 7/29/08 | Rodney Woody | X | X | X | Pit and location look good |
| 8/5/08 | Rodney Woody | | | | FRAC crew on location |
| 8/12/08 | Rodney Woody | X | X | X | Pit and location look good |
| 8/19/08 | Rodney Woody | X | X | X | Crossfire to tighten fence |
| 9/3/08 | Rodney Woody | X | X | X | Pit and location look good |
| 9/12/08 | Rodney Woody | | | | Key 30 on location |
| 10/7/08 | Rodney Woody | X | X | X | Crossfire to repair hole, contacted OCD |
| 10/17/08 | Rodney Woody | X | X | X | Pit and location look good |
| 11/13/08 | Rodney Woody | X | X | X | Crossfire to repair holes |

| | | | | | |
|----------|--------------|---|---|---|--|
| 11/25/08 | Rodney Woody | X | X | X | Pit and location look good |
| 12/1/08 | Rodney Woody | X | X | X | Pit and location look good |
| 12/15/08 | Rodney Woody | X | X | X | Pit and location look good |
| 1/27/09 | Rodney Woody | X | X | X | Pit and location look good |
| 2/2/09 | Rodney Woody | X | X | X | Pit and location look good |
| 2/10/09 | Rodney Woody | | | | No pics. Snow day |
| 2/18/09 | Rodney Woody | X | X | X | Pit and location look good |
| 3/4/09 | Rodney Woody | X | X | X | Pit and location look good |
| 3/17/09 | Art Sanchez | X | X | X | |
| 3/25/09 | Art Sanchez | X | X | X | |
| 4/6/09 | Jared Chavez | X | X | X | Tears and holes in liner need to be repaired and burnt liner need to be repaired and re-keyed 4/6/09 JEG |
| 4/24/09 | Art Sanchez | X | X | X | |
| 5/1/09 | Art Sanchez | X | X | X | |
| 5/18/09 | Art Sanchez | X | X | X | Dawn Trucking hauling off contents of pit to landfarm |
| 5/26/09 | Art Sanchez | X | X | X | Dawn Trucking hauling contents from pit |

SAN JUAN 27-5 UNIT 909 & 913
API# 30-039-30318/30-039-30309
STEEL MARKER PHOTO FOR PIT
PERMIT # 5130



3-10-58 10:00 AM, 12-15-58 10:00 AM
1-17-58 8:00 PM, 12-17-58 8:00 PM
1-18-58 10:00 AM, 12-18-58 10:00 AM
1-19-58 10:00 AM, 12-19-58 10:00 AM
1-20-58 10:00 AM, 12-20-58 10:00 AM