

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

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

Form C-144
Revised June 6, 2013

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

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

2814
Type of action: ☐ Below grade tank registration
☐ Permit of a pit or proposed alternative method
☒ Closure of a pit, below-grade tank, or proposed alternative method
☐ Modification to an existing permit/or registration
☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

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

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

1.
Operator: Burlington Resources Oil & Gas Company LP OGRID #: 14538
Address: PO BOX 4289, Farmington, NM 87499
Facility or well name: San Juan 29-7 Unit 65M
API Number: 30-039-30516 OCD Permit Number: /
U/L or Qtr/Qtr J (NWSE) Section 22 Township 29N Range 7W County: Rio Arriba
Center of Proposed Design: Latitude 36.708970 °N Longitude 107.555235 °W NAD: ☐ 1927 ☒ 1983
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

OIL CONS. DIV DIST. 3

DEC 10 2013

2.
☒ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☐ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☒ yes ☐ no
☒ Lined ☐ Unlined Liner type: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other
☒ String-Reinforced
Liner Seams: ☒ Welded ☒ Factory ☐ Other Volume: 7700 bbl Dimensions: L 120' x W 55' x D 12'

3.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: bbl Type of 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 45 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

37 alb

6.

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

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

7.

Signs: Subsection C of 19.15.17.11 NMAC

- ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- ☐ Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

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

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

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

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.

General siting

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

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

☐ Yes ☒ No
☐ NA

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

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

☐ Yes ☐ No
☒ NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)**

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

Within a 100-year floodplain. **(Does not apply to below grade tanks)**

- FEMA map

☐ Yes ☐ No

Below Grade Tanks

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

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

☐ Yes ☒ No

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

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

☐ Yes ☒ No

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

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

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

☐ Yes ☐ No

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.

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

☐ Yes ☐ No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300 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 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	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

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

☐ Yes ☐ No

Within the area overlying a subsurface mine.

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

☐ Yes ☐ No

Within an unstable area.

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

☐ Yes ☐ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☐ No

16.

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

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

17.

Operator Application Certification:

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

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.

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

OCD Representative Signature: *[Signature]* Approval Date: 12/27/2013

Title: Compliance Officer 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: 10/5/2009

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.

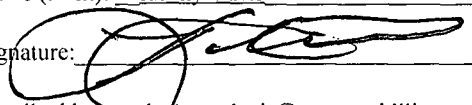
Closure Report Attachment Checklist: *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- ☒ 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 36.708970 Longitude 107.555235 NAD: ☒ 1927 ☐ 1983

Operator Closure Certification:

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

Name (Print): Kenny DavisTitle: Staff Regulatory TechnicianSignature: Date: 12/6/13e-mail address: kenny.r.davis@conocophillips.comTelephone: 505-599-4045

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

Lease Name: San Juan 29-7 Unit 65M

API No.: 30-039-30516

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 not met per rig move off date as noted on C-105. See attached explanation letter.

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

Notification is attached.

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

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

7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

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

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

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

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	ND ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	476 ug/kG
TPH	EPA SW-846 418.1	2500	473mg/kg
GRO/DRO	EPA SW-846 8015M	500	104 mg/Kg
Chlorides	EPA 300.1	1000/500	167 mg/L

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

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

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

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

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

Dig and Haul was not required.

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

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

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

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

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

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

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

Provision 15 was accomplished by installing a steel marker in the temporary pit, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial. The marker is flush with the ground to allow access of the active well pad and for safety concerns. The top of the marker contains a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate contains the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, BLM, San Juan 29-7 Unit 65M, UL-J, Sec. 22, T 29N, R 7W, API # 30-039-30516

The San Juan 29-7 Unit 65M Pit was closed on 10/5/2009. The closure did not take place in the 6 month time frame as required. After reworking our internal processes between departments, we believe the issue has been addressed to reduce the possibility of this reoccurrence in the future. Burlington Resources respectfully requests that this Pit Closure be approved. This discrepancy was found as a part of our internal audit to try to clean up historical permits.

Rogers, Rhonda S

From: Rogers, Rhonda S
Sent: Monday, December 15, 2008 8:52 AM
To: 'Mark_kelly@nm.blm.gov'
Subject: Surface Owner Notification

The following location temporary pit will be closed on-site. Please let me know if you have any questions. Thank you
San Juan 29-7 Unit 30M
San Juan 29-7 Unit 65M

Rhonda Rogers
Regulatory Technician
ConocoPhillips - SJBU
phone (505) 599-4018
e-mail rogers@conocophillips.com

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 65M
⁷ OGED No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6784'

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
J	22	29-N	7-W		1795'	SOUTH	1735'	EAST	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
P	22	29-N	7-W		720'	SOUTH	710'	EAST	RIO ARriba
¹² Dedicated Acres 320.00 (E/2)			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

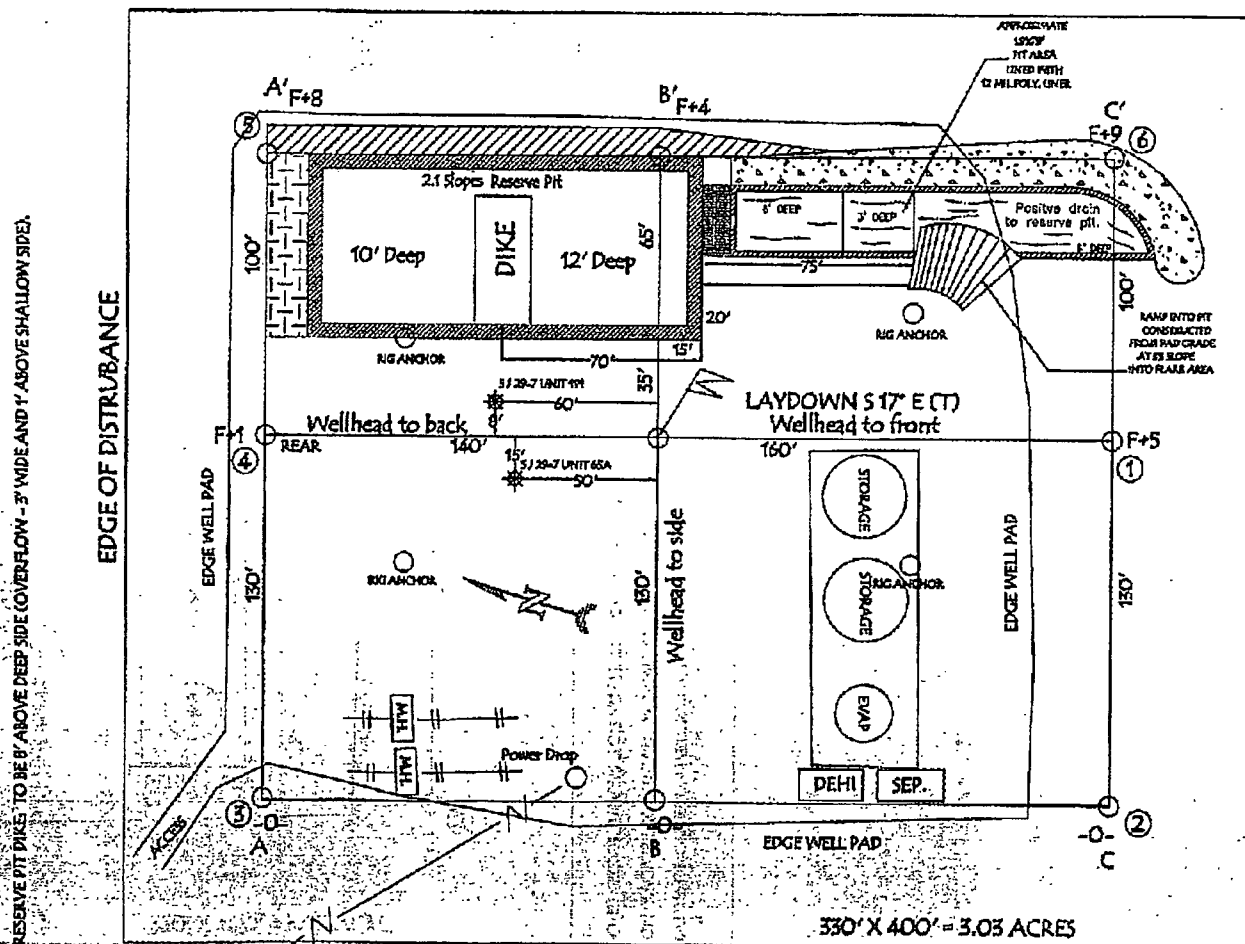
<p>USA SF-078399</p>		<p>22</p>		<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or valid mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Crystal Walker</i> 4/4/08 Signature Crystal Walker 4-4-08 Printed Name</p>	
				<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>10-1-07 Date of Survey Signature GLEN W. RUSSELL NEW MEXICO 15703 LICENSED PROFESSIONAL SURVEYOR Certificate Number 15703</p>	
<p>SURFACE LAT: 36°42.6378' N. LONG: 107°33.2777' W. NAD 1927</p> <p>LAT: 36.708970' N. LONG: 107.556235' W. NAD 1983</p>		<p>USA SF-078484</p> <p>SURFACE 1735'</p> <p>1795'</p> <p>BOTTOM HOLE 710'</p> <p>720'</p> <p>N 88° 59' W 2846.82'</p>			

BURLINGTON RESOURCES OIL & GAS COMPANY LP

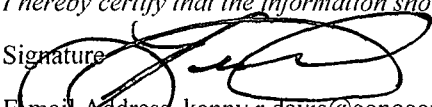
SAN JUAN 29-7 UNIT 65M, 1795' FSL & 1735' FEL

SECTION 22, T-29-N, R-7-W, NMPM, RIO ARriba COUNTY, NM

GROUND ELEVATION: 6784', DATE: AUGUST 22, 2007



LATITUDE: 36° 42.5378' N LONGITUDE: 107° 33.2777' W NAD27

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. 30-039-30516								
		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-078424								
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 29-7 Unit 6. Well Number: 65M								
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		9. OGRID 14538								
10. Address of Operator		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 3/26/09		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:										
Latitude 36.708970 Longitude 107.555235 NAD 1927 (X) 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 			Printed Name Kenny Davis			Title Staff Regulatory Technician			Date 12/6/13	
Email Address kenny.r.davis@conocophillips.com Phone: 505-599-4045										



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

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 29-7 #65M	Date Reported:	06-02-09
Laboratory Number:	50290	Date Sampled:	05-21-09
Chain of Custody No:	7115	Date Received:	05-29-09
Sample Matrix:	Soil	Date Extracted:	05-29-09
Preservative:	Cool	Date Analyzed:	06-01-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	21.3	0.2
Diesel Range (C10 - C28)	82.9	0.1
Total Petroleum Hydrocarbons	104	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**

Analyst

Review



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 29-7 #65M Background	Date Reported:	06-02-09
Laboratory Number:	50291	Date Sampled:	05-21-09
Chain of Custody No:	7115	Date Received:	05-29-09
Sample Matrix:	Soil	Date Extracted:	05-29-09
Preservative:	Cool	Date Analyzed:	06-01-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	33.8	0.2
Diesel Range (C10 - C28)	5.8	0.1
Total Petroleum Hydrocarbons	39.6	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**

Analyst

Review



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-01-09 QA/QC	Date Reported:	06-02-09
Laboratory Number:	50284	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-01-09
Condition:	N/A	Analysis Requested:	TPH

	Lab Date	Lab Ref	C Lab Ref	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	9.2243E+002	9.2280E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.3947E+002	9.3985E+002	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	237	94.8%	75 - 125%
Diesel Range C10 - C28	ND	250	238	95.2%	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 50284 - 50286, 50289 - 50293, and 50305.

Analyst

Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 29-7 #65M	Date Reported:	06-02-09
Laboratory Number:	50290	Date Sampled:	05-21-09
Chain of Custody:	7115	Date Received:	05-29-09
Sample Matrix:	Soil	Date Analyzed:	06-01-09
Preservative:	Cool	Date Extracted:	05-29-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	23.2	1.0
Ethylbenzene	42.3	1.0
p,m-Xylene	368	1.2
o-Xylene	42.5	0.9
Total BTEX	476	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

Analyst

Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 29-7 #65M Background	Date Reported:	06-02-09
Laboratory Number:	50291	Date Sampled:	05-21-09
Chain of Custody:	7115	Date Received:	05-29-09
Sample Matrix:	Soil	Date Analyzed:	06-01-09
Preservative:	Cool	Date Extracted:	05-29-09
Condition:	Intact	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	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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

Analyst

Review



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	N/A	Project #:	N/A
Sample ID:	06-01-BT QA/QC	Date Reported:	06-02-09
Laboratory Number:	50284	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-01-09
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	5.0647E+006	5.0749E+006	0.2%	ND	0.1
Toluene	4.9170E+006	4.9269E+006	0.2%	ND	0.1
Ethylbenzene	4.4833E+006	4.4923E+006	0.2%	ND	0.1
p,m-Xylene	1.1401E+007	1.1424E+007	0.2%	ND	0.1
o-Xylene	4.3567E+006	4.3654E+006	0.2%	ND	0.1

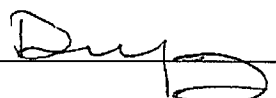
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	2.5	2.4	4.0%	0 - 30%	0.9
Toluene	12.7	12.6	0.8%	0 - 30%	1.0
Ethylbenzene	12.8	14.0	9.4%	0 - 30%	1.0
p,m-Xylene	24.4	25.5	4.5%	0 - 30%	1.2
o-Xylene	11.9	12.2	2.5%	0 - 30%	0.9

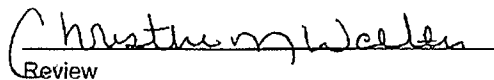
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	2.5	50.0	51.7	98.5%	39 - 150
Toluene	12.7	50.0	59.5	94.9%	46 - 148
Ethylbenzene	12.8	50.0	62.4	99.4%	32 - 160
p,m-Xylene	24.4	100	123	98.9%	46 - 148
o-Xylene	11.9	50.0	60.6	97.9%	46 - 148

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 50284 - 50286, 50289 - 50293, 50305, and 50306.

Analyst 

Review 



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 29-7 #65M	Date Reported:	06-03-09
Laboratory Number:	50290	Date Sampled:	05-21-09
Chain of Custody No:	7115	Date Received:	05-29-09
Sample Matrix:	Soil	Date Extracted:	06-01-09
Preservative:	Cool	Date Analyzed:	06-01-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	473	7.1

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: Drilling Pit Sample.

Analyst

Review



envirotech
Analytical Laboratory

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 29-7 #65M Background	Date Reported:	06-03-09
Laboratory Number:	50291	Date Sampled:	05-21-09
Chain of Custody No:	7115	Date Received:	05-29-09
Sample Matrix:	Soil	Date Extracted:	06-01-09
Preservative:	Cool	Date Analyzed:	06-01-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	461	7.1

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: **Drilling Pit Sample.**

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:	06-03-09
Laboratory Number:	06-01-TPH.QA/QC 50283	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	06-01-09
Preservative:	N/A	Date Extracted:	06-01-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	ERR	06-01-09	ERR	1,540	ERR	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ERR	ERR

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	ERR	ERR	ERR	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	ERR	2,000	ERR	ERR	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 50283, 50290 - 50293 and 50305.

Analyst

Review



Chloride

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 29-7 #65M	Date Reported:	06-03-09
Lab ID#:	50290	Date Sampled:	05-21-09
Sample Matrix:	Soil	Date Received:	05-29-09
Preservative:	Cool	Date Analyzed:	06-02-09
Condition:	Intact	Chain of Custody:	7115

Parameter	Concentration (mg/Kg)
Total Chloride	167

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: Drilling Pit Sample.

Analyst

Review



Chloride

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 29-7 #65M Background	Date Reported:	06-03-09
Lab ID#:	50291	Date Sampled:	05-21-09
Sample Matrix:	Soil	Date Received:	05-29-09
Preservative:	Cool	Date Analyzed:	06-02-09
Condition:	Intact	Chain of Custody:	7115

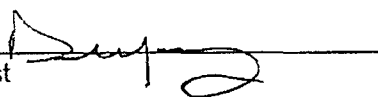
Parameter	Concentration (mg/Kg)
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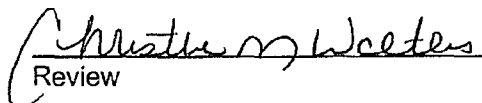
Total Chloride

87

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: **Drilling Pit Sample.**

Analyst 

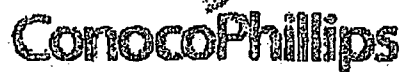
Review 

CHAIN OF CUSTODY RECORD

7115

Client: CONCO PHILLIPS			Project Name / Location: DRILLING PIT SAMPLE			ANALYSIS / PARAMETERS																	
Client Address: 30TH ST. FARMINGTON, NM			Sampler Name: ART SANCHEZ / KENDAL BASSING																				
Client Phone No.: 505-320-2653			Client No.: NETWORK # 96052-0026 10175619																				
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative H ₂ O ₂ HCl			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
5529-7[#]65M	5/21/09	10:10AM	50290	Soil Solid	Sludge Aqueous	1 JAR				X	X							X	X			✓	✓
BACKGROUND				Soil Solid	Sludge Aqueous																		
5529-7[#]65M	5/21/09	10:10AM	50291	Soil Solid	Sludge Aqueous	1 JAR				X	X							X	X			✓	✓
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
				Soil Solid	Sludge Aqueous																		
Relinquished by: (Signature) Art Sanchez				Date 5/29/09	Time 9:43AM	Received by: (Signature) [Signature]				Date 5/29/09				Time 9:43									
Relinquished by: (Signature)						Received by: (Signature)																	
Relinquished by: (Signature)						Received by: (Signature)																	





Pit Closure Form:

Date: 10/5/2009

Well Name: SJ 29-7 65M

Footages: 1795 FSL 1735 FEL Unit Letter: J

Section: 22, T-29-N, R-7-W, County: Rio Arriba State: NM

Contractor Closing Pit: Ritter

Construction Inspector: Norman Fagan Date: 10/5/2009

Inspector Signature: Norman Fagan

Davis, Kenny R

From: Bonilla, Amanda
Sent: Wednesday, September 30, 2009 1:46 PM
To: Brandon.Powell@state.nm.us; Mark Kelly; Robert Switzer; Sherrie Landon
Cc: JD Ritter; 'bko@digii.net'; Elmer Perry; Faver Norman (faverconsulting@yahoo.com); Jared Chavez; Bassing, Kendal R.; Scott Smith; Silverman, Jason M; Smith Eric (sconsulting.eric@gmail.com); 'Steve McGlasson'; Terry Lowe; Becker, Joey W; Bonilla, Amanda; Bowker, Terry D; Gordon Chenault; GRP:SJBU Production Leads; Hockett, Christy R; Johnson, Kirk L; Kennedy, Jim R; Lopez, Richard A; Nelson, Terry J; O'Nan, Mike J.; Peace, James T; Pierce, Richard M; Poulson, Mark E; PTRRC; Richards, Brian; Smith, Randall O; Spearman, Bobby E; Stamets, Steve A; Thacker, LARRY; Work, Jim A
Subject: Reclamation Notice - San Juan 29-7 Unit 65M

JD RITTER will move a tractor to the **San Juan 29-7 Unit 65M** on **Monday, October 5th, 2009** to start the reclamation process.

Please contact Norm Faver (320.0670) if you have any questions or need further assistance.



San Juan 29-7
Unit 65M.pdf

Burlington Resources Well - Network #: 10175619

Rio Arriba County, NM:

SAN JUAN 29-7 UNIT 65M – BLM surface / BLM minerals

Twin: San Juan 29-7 Unit 65A

1795' FSL, 1735' FEL

SEC. 22, T29N, R07W

Unit Letter 'J'

Lease #: SF-078424

Latitude: 36° 42 min 32.29200 sec N (NAD 83)

Longitude: 107° 33 min 18.84600 sec W (NAD83)

Elevation: 6784'

API #: 30-039-30516



Amanda L. Bonilla

ConocoPhillips
Construction Technician
San Juan Basin Unit
Project Development
Ph: 505.326.9765

Fax: 505.324.4062

Not all those who wander are lost

--JRR Tolkien

ConocoPhillips

0

Reclamation Form:

Date: 12/15/2009

Well Name: SS 29-7 65M

Footages: 1795 FSL 1735 FEL Unit Letter: J

Section: 22, T-29-N, R-7-W, County: Rio Arriba State: NM

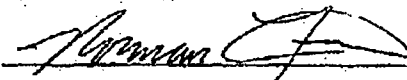
Reclamation Contractor: Ritter

Reclamation Date: 10/7/2009

Road Completion Date: 10/20/2009

Seeding Date: 11/23/2009

Construction Inspector: Norman Fayer Date: 12/15/2009

Inspector Signature: 

BURLINGTON

Phillips

RESOURCES

SAN JUAN 29-7 UNIT #65M

ATITUDE 36° 42 MIN. 32.29200 SEC. N (NAD 83)

LONGITUDE 107° 33 MIN. 18.84600 SEC. W (NAD 83)

UNIT J SEC 22 T29N R07W

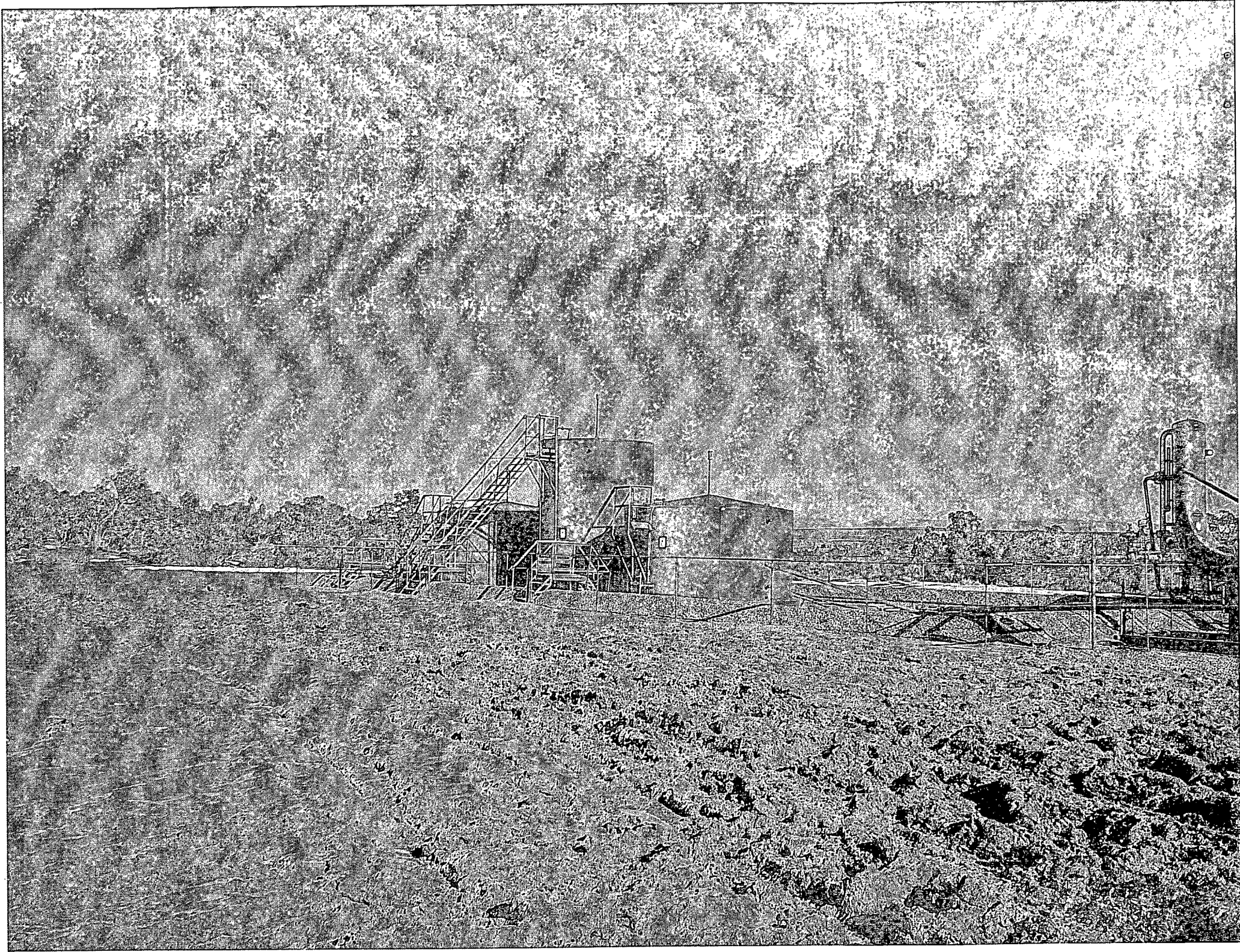
1795' FSL 1735' FEL

API # 30-039-30516

EASE# SF-078424 ELEV.6784'

DO ARRIBA COUNTY, NEW MEXICO

SECTION 22 T29N R07W



SU 29-7 65M
S22, TO29N, R007W
O3B L3B L4M, B R
J

OPEN PIT INSPECTION FORM

Well Name: SJ 29-7 65M

Date: 2/11/2009

Inspector: Rodney Woody

Drilled: ☒

Completed: ☐

Waiting On Clean-Up: ☐

SAFETY

	No	Yes
1 Are PPE's visible and in use? (hard hat, steel toes, gloves, vest glasses)		X
2 Are there any dog-legs, risers or any other above-ground facility that needs a barricade to help safe passage? If yes, where?	X	
3 Is there a documented JSA on site?		X

LOCATION

4 Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)		X
5 Is the temporary well sign on location and visible from access road?		X

ENVIRONMENTAL COMPLIANCE

6 Is the access road in good driving condition? (deep ruts, bladed)		
7 Are the culverts free from debris or any object preventing flow?		
8 Is the top of the location bladed and in good operating condition?		
9 Is the fence stock-proof? (fences tight, barbed wire on all four sides of location, fence clips in place?)		
10 Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)		
11 Is the top of the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)		
12 Does the pit contain two feet of free board? (check the water levels)		
13 Is there any standing water on the blow pit?		
14 Are the pits free of trash and oil?		
15 Are there diversion ditches around the pits for natural drainage?		

PICTURES

16 1st picture: Well sign		
17 2nd picture: Top of location (panoramic)		
18 3rd picture: Pit liner		
19 4th and 5th pictures: Trash, torn liners, oil in pits or on top of location, etc.		

OCD

20 Was the OCD contacted?	X	
21 Who was the OCD Contact?		
22 When was the OCD Contacted?		

Comments

AWS 777 ON LOC.

OPEN PIT INSPECTION FORM

Well Name: SJ 29-7 65M Date: 16-Feb

Inspector: Rodney Woody

Drilled: ☒

Completed: ☐

Waiting On Clean-Up: ☐

SAFETY

	No	Yes
1 Are PPE's visible and in use? (hard hat, steel toes, gloves, vest glasses)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2 Are there any dog-legs, risers or any other above-ground facility that needs a barricade to help safe passage? If yes, where?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Is there a documented JSA on site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

LOCATION

4 Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5 Is the temporary well sign on location and visible from access road?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ENVIRONMENTAL COMPLIANCE

6 Is the access road in good driving condition? (deep ruts, bladed)	<input type="checkbox"/>	<input type="checkbox"/>
7 Are the culverts free from debris or any object preventing flow?	<input type="checkbox"/>	<input type="checkbox"/>
8 Is the top of the location bladed and in good operating condition?	<input type="checkbox"/>	<input type="checkbox"/>
9 Is the fence stock-proof? (fences tight, barbed wire on all four sides of location, fence clips in place?)	<input type="checkbox"/>	<input type="checkbox"/>
10 Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
11 Is the top of the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
12 Does the pit contain two feet of free board? (check the water levels)	<input type="checkbox"/>	<input type="checkbox"/>
13 Is there any standing water on the blow pit?	<input type="checkbox"/>	<input type="checkbox"/>
14 Are the pits free of trash and oil?	<input type="checkbox"/>	<input type="checkbox"/>
15 Are there diversion ditches around the pits for natural drainage?	<input type="checkbox"/>	<input type="checkbox"/>

PICTURES

16 1st picture: Well sign	<input type="checkbox"/>	<input type="checkbox"/>
17 2nd picture: Top of location (panoramic)	<input type="checkbox"/>	<input type="checkbox"/>
18 3rd picture: Pit liner	<input type="checkbox"/>	<input type="checkbox"/>
19 4th and 5th pictures: Trash, torn liners, oil in pits or on top of location, etc.	<input type="checkbox"/>	<input type="checkbox"/>

OCD

20 Was the OCD contacted?	<input type="checkbox"/>	<input type="checkbox"/>
21 Who was the OCD Contact?		
22 When was the OCD Contacted?		

Comments

AWS 777 ON LOC.

OPEN PIT INSPECTION FORM

Well Name: SJ 29-7 65M Date: 3/3/2009

Inspector: Rodney Woody

Drilled: ☒

Completed: ☐

Waiting On Clean-Up: ☐

SAFETY

	No	Yes
1 Are PPE's visible and in use? (hard hat, steel toes, gloves, vest glasses)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2 Are there any dog-legs, risers or any other above-ground facility that needs a barricade to help safe passage? If yes, where?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Is there a documented JSA on site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

LOCATION

4 Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5 Is the temporary well sign on location and visible from access road?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ENVIRONMENTAL COMPLIANCE

6 Is the access road in good driving condition? (deep ruts, bladed)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7 Are the culverts free from debris or any object preventing flow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8 Is the top of the location bladed and in good operating condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9 Is the fence stock-proof? (fences tight, barbed wire on all four sides of location, fence clips in place?)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10 Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11 Is the top of the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12 Does the pit contain two feet of free board? (check the water levels)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13 Is there any standing water on the blow pit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14 Are the pits free of trash and oil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15 Are there diversion ditches around the pits for natural drainage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

PICTURES

16 1st picture: Well sign	<input type="checkbox"/>	<input type="checkbox"/>
17 2nd picture: Top of location (panoramic)	<input type="checkbox"/>	<input type="checkbox"/>
18 3rd picture: Pit liner	<input type="checkbox"/>	<input type="checkbox"/>
19 4th and 5th pictures: Trash, torn liners, oil in pits or on top of location, etc.	<input type="checkbox"/>	<input type="checkbox"/>

OCD

20 Was the OCD contacted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21 Who was the OCD Contact?		
22 When was the OCD Contacted?		

Comments

PIT AND LOCATION LOOK GOOD, CROSSFIRE ON LOC.

OPEN PIT INSPECTION FORM

Well Name: San Juan 29-7 #65M

Date: 3/16/2009

Inspector: Art Sanchez

Drilled: ☒

Completed: ☐

Waiting On Clean-Up: ☐

SAFETY

	No	Yes
1 Are PPE's visible and in use? (hard hat, steel toes, gloves, vest glasses)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2 Are dog-legs, risers, and other above-ground facilities barricaded to ensure safe passage? **** Please carefully note any that aren't. ****	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3 Is there a documented JSA on site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

LOCATION

4 Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5 Is the temporary well sign on location and visible from access road?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

ENVIRONMENTAL COMPLIANCE

6 Is the access road in good driving condition? (deep ruts, bladed)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7 Are the culverts free from debris or any object preventing flow?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8 Is the top of the location bladed and in good operating condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9 Is the fence stock-proof? (fences tight, barbed wire on all four sides of location, fence clips in place?)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10 Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11 Is the top of the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12 Does the pit contain two feet of free board? (check the water levels)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13 Is the blow pit free of standing water?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14 Are the pits free of trash and oil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15 Are there diversion ditches around the pits for natural drainage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

PICTURES

16 1st picture: Well sign	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17 2nd picture: Top of location (panoramic)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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19 4th and 5th pictures: Trash, torn liners, oil in pits or on top of location, etc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

OCD

20 Was the OCD contacted?	<input type="checkbox"/>	<input type="checkbox"/>
21 Who was the OCD Contact?		
22 When was the OCD Contacted?		

Comments

Well head guard was leaning over almost to come in contact with gauges and well head