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 sytems, 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

9187

Type of action:
- [ ] Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
- [X] 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: **ConocoPhillips Company** OGRID#: **217817**
Address: **P.O. Box 4289, Farmington, NM 87499**
Facility or well name: **San Juan 28-7 Unit 217N**
API Number: **30-039-31089** OCD Permit Number:
U/L or Qtr/Qtr: **E(SW/NW)** Section: **28** Township **27N** Range: **7W** County: **Rio Arriba**
Center of Proposed Design: Latitude: **36.5467** °N Longitude: **107.58577** °W NAD: [ ] ### [X] 1983
Surface Owner: [X] Federal [ ] State [ ] Private [ ] Tribal Trust or Indian Allotment

2
[X] **Pit:** Subsection F or G of 19.15.17.11 NMAC

RCVD JUN 27 '13
OIL CONS. DIV.
DIST. 3

Temporary: [X] Drilling [ ] Workover
[ ] Permanent [ ] Emergency [ ] Cavitation [ ] P&A
[X] Lined [ ] Unlined Liner type: Thickness **20** mil [X] LLDPE [ ] HDPE [ ] PVC [ ] Other
[X] String-Reinforced
Liner Seams: [X] Welded [X] Factory [ ] Other Volume: **7700'** bbl Dimensions L **120'** x W **55'** x D **12'**

3
[ ] **Closed-loop System:** Subsection H of 19.15.17.11 NMAC
Type of Operation: [ ] P&A [ ] Drilling a new well [ ] Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
[ ] Drying Pad [ ] Above Ground Steel Tanks [ ] Haul-off Bins [ ] Other
[ ] Lined [ ] Unlined Liner type: Thickness mil [ ] LLDPE [ ] HDPE [ ] PVD [ ] Other
Liner Seams: [ ] Welded [ ] Factory [ ] Other

4
[ ] **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: bbl Type of fluid:
Tank Construction material:
[ ] Secondary containment with leak detection [ ] Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
[ ] Visible sidewalls and liner [ ] Visible sidewalls only [ ] Other
Liner Type: Thickness mil [ ] HDPE [ ] PVC [ ] Other

5
[ ] **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

**Fencing:** Subsection D of 19.15.17.11 NMAC *(Applies to permanent pit, 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 _____

7

**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)*

8

**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 19.15.3.103 NMAC

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**Administrative Approvals 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:***

☐ 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)**

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

10

**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. 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.**

| | |
|---|---|
| **Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.**<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ Yes ☐ No |
| **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).**<br>- Topographic map; Visual inspection (certification) of the proposed site | ☐ Yes ☐ No |
| **Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.**<br>*(Applies to temporary, emergency, or cavitation pits and below-grade tanks)*<br>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | ☐ Yes ☐ No<br>☐ NA |
| **Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.**<br>*(Applied to permanent pits)*<br>- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | ☐ Yes ☐ No<br>☐ NA |
| **Within 500 horizonal 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.**<br>- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. | ☐ Yes ☐ No |
| **Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended**<br>- Written confirmation or verification from the municipality; Written approval obtained from the municipality | ☐ Yes ☐ No |
| **Within 500 feet of a wetland.**<br>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | ☐ Yes ☐ No |
| **Within the area overlying a subsurface mine.**<br>- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division | ☐ Yes ☐ No |
| **Within an unstable area.**<br>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map | ☐ Yes ☐ No |
| **Within a 100-year floodplain**<br>- FEMA map | ☐ Yes ☐ No |

11

**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 _____

13

**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

14

**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

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**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 appropraite requirements of Subsection G of 19.15.17.13 NMAC

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**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.<br>- NM Office of the State Engineer - iWATERS database search; USGS: Data obtained from nearby wells | ☐ Yes ☐ No<br>☐ N/A |
| Ground water is between 50 and 100 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ Yes ☐ No<br>☐ N/A |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | ☐ Yes ☐ No<br>☐ 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).<br>- Topographic map; Visual inspection (certification) of the proposed site | ☐ Yes ☐ No |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.<br>- Visual inspection (certification) of the proposed site; Aerial photo; satellite image | ☐ Yes ☐ No |
| Within 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 fee of any other fresh water well or spring, in existence at the time of the initial application.<br>- NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | ☐ Yes ☐ No |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.<br>- Written confirmation or verification from the municipality; Written approval obtained from the municipality | ☐ Yes ☐ No |
| Within 500 feet of a wetland<br>- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | ☐ Yes ☐ No |
| Within the area overlying a subsurface mine.<br>- Written confiramtion or verification or map from the NM EMNRD-Mining and Mineral Division | ☐ Yes ☐ No |
| Within an unstable area.<br>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map | ☐ Yes ☐ No |
| Within a 100-year floodplain.<br>- FEMA map | ☐ Yes ☐ No |

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**On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) ***Instructions: Each of the following items must bee 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: _____

#

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

**OCD Representative Signature:** Jonathan O. Kelly **Approval Date:** 7/2/2013

**Title:** 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:** March 8, 2013

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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.

#

**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: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

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

☐ Yes (If yes, please demonstrate complilane 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: **36.54675** °N Longitude: **107.58598** °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 ture, 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 Davis Title: Staff Regulatory Technician

Signature: _____ Date: 6/26/2013

e-mail address: kenny.r.davis@conocophillips.com Telephone: 505-599-4045

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

**Lease Name: San Juan 28-7 Unit 217N**
**API No.: 30-039-31089**

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 COPC'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 COPC will ensure that temporary pits are closed, re-contoured, and reseeded.

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

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

   **Notification is attached.**

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

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

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

**ConocoPhillips 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 | .50 ug/kG |
| TPH | EPA SW-846 418.1 | 2500 | 35mg/kg |
| GRO/DRO | EPA SW-846 8015M | 500 | 18.8 mg/Kg |
| Chlorides | EPA 300.1 | 1000/500 | 94 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 place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

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

13. 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. COPC 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 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: COP, BLM, San Juan 28-7 Unit 217N, UL-E, Sec. 28, T 27N, R 7W, API # 30-039-31089**

**Goodwin, Jamie L**

**To:** 'Mark_Kelly@blm.gov'
**Subject:** SURFACE OWNER NOTIFICATION - SAN JUAN 28-7 UNIT 217N

The subject well (SAN JUAN 28-7 UNIT 217N) will have a temporary pit that will be closed on-site. Please let me know if you have any questions.

Thank you,

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

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

DISTRICT II
1301 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, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised July 10, 2010

Submit one copy to appropriate District Office

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

| 1 API Number | 2 Pool Code | 3 Pool Name |
|---|---|---|
| 30-039-31089 | 72319/71599 | BLANCO MESAVERDE / BASIN DAKOTA |

| 4 Property Code | 5 Property Name | 6 Well Number |
|---|---|---|
| 31739 | SAN JUAN 28-7 UNIT | 217N |

| 7 OGRID No. | 8 Operator Name | 9 Elevation |
|---|---|---|
| 21787 | CONOCOPHILLIPS COMPANY | 6582' |

## 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 |
|---|---|---|---|---|---|---|---|---|---|
| E | 28 | 27N | 7W | | 1645' | NORTH | 1119' | WEST | RIO ARRIBA |

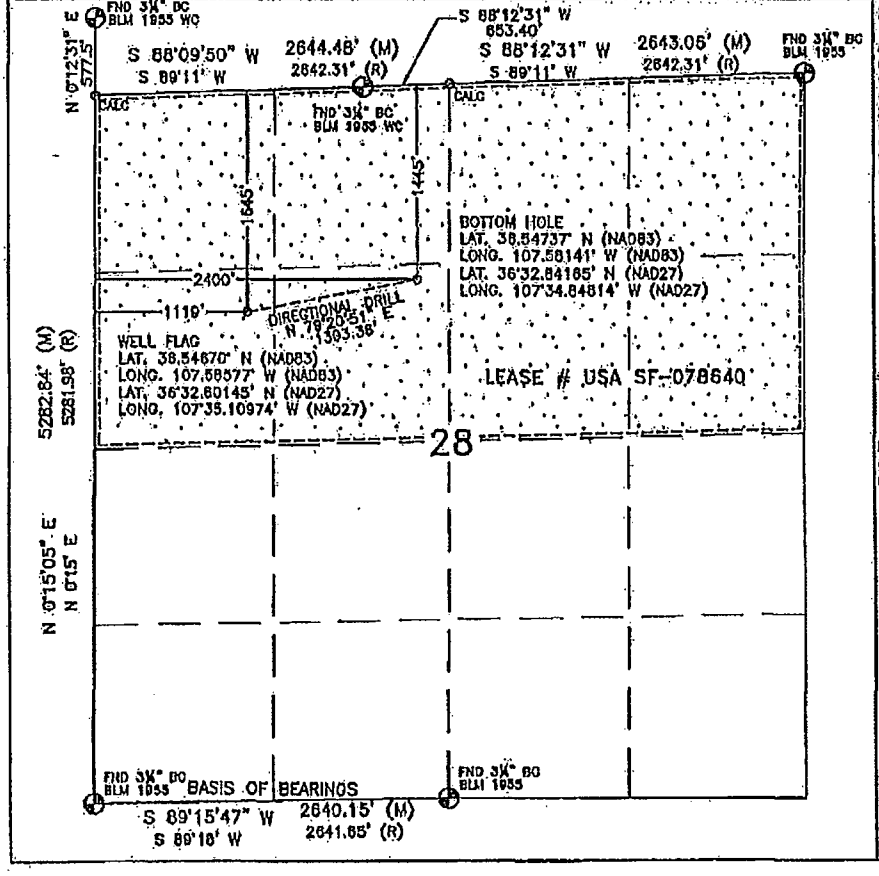
## 11 Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---|---|---|---|---|---|---|---|---|
| F | 28 | 27N | 7W | | 1445' | NORTH | 2400' | WEST | RIO ARRIBA |

| 12 Dedicated Acres | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
|---|---|---|---|
| 320.00 ACRES N/2 | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16




## 17 OPERATOR CERTIFICATION

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Arleen R Kellywood 6/17/11
Signature Date

Arleen R. Kellywood
Printed Name

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

## 18 SURVEYOR CERTIFICATION

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

JUNE 1, 2011
Date of Survey

Signature and Seal of Professional Surveyor:

DAVID RUSSELL
Certificate Number 10201

# CONOCOPHILLIPS COMPANY

SAN JUAN 28-7 UNIT #217N
1645' FNL & 1119' FWL
LOCATED IN THE SW/4 NW/4 OF SECTION 28,
T27N, R7W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO
GROUND ELEVATION: 6582', NAVD 88
FINISHED PAD ELEVATION: 6581.3', NAVD 88

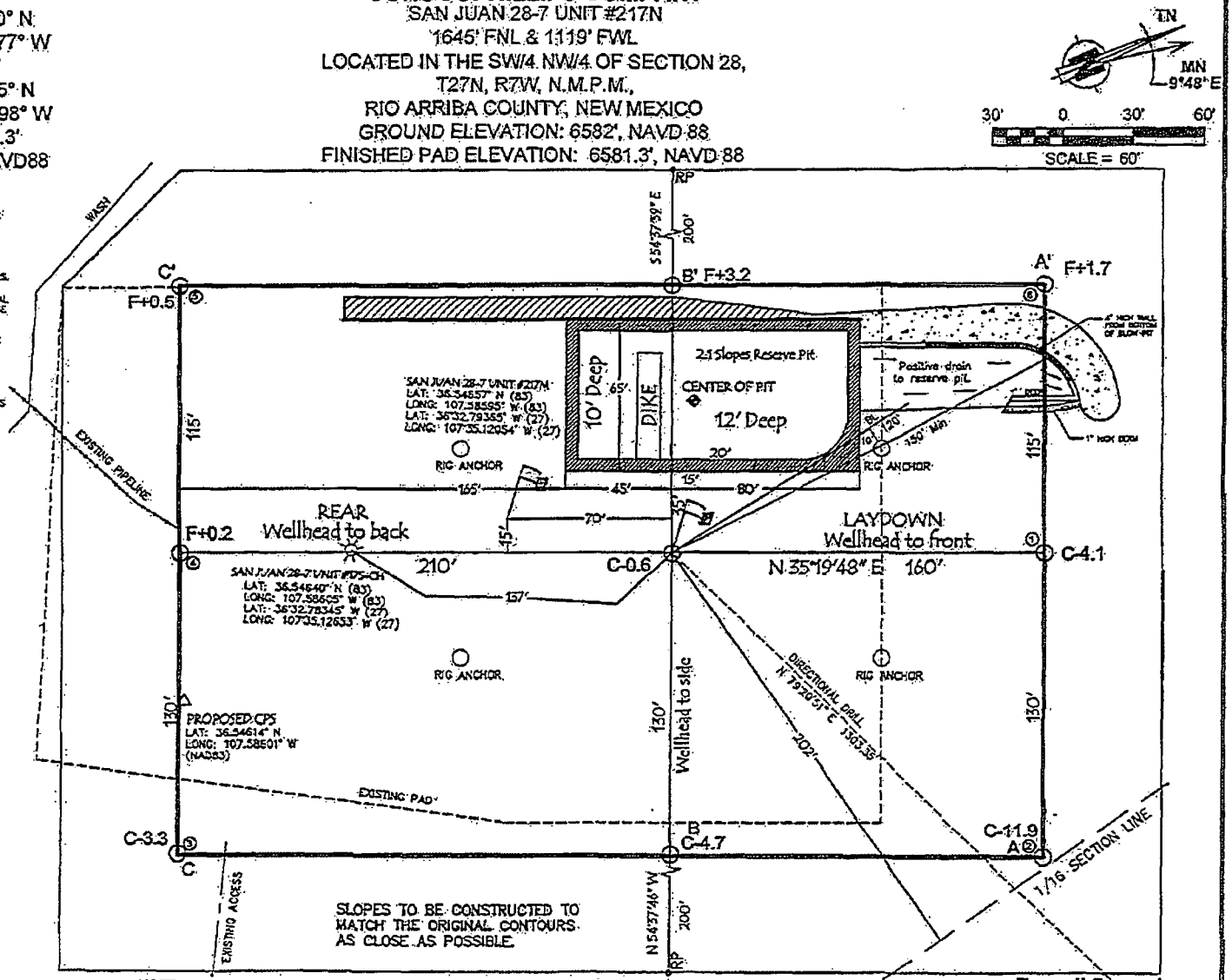
**WELL FLAG**
LATITUDE: 36.54670° N
LONGITUDE: 107.58577° W
**CENTER OF PIT**
LATITUDE: 36.54675° N
LONGITUDE: 107.58598° W
ELEVATION: 6569.3'
DATUM: NAD83 & NAVD88

NOTES:

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE SOUTHWEST CORNER AND THE SOUTH QUARTER CORNER OF SECTION 28, TOWNSHIP 27 NORTH, RANGE 7 WEST, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO. LINE BEARS: S 89°15'47" W A DISTANCE OF 2640.15 FEET AS MEASURED BY G.P.S.

2.) LATITUDE, LONGITUDE AND ELLIPSOIDAL HEIGHT BASED ON AZTEC CORS L1 PHASE CENTER. DISTANCES SHOWN ARE GROUND DISTANCES USING A TRAVERSE MERCATOR PROJECTION FROM A WGS84 ELLIPSOID, CONVERTED TO NAD83. NAVD88 ELEVATIONS AS PREDICTED BY GEOID03.

3.) LOCATION OF UNDERGROUND UTILITIES DEPICTED ARE APPROXIMATE. PRIOR TO EXCAVATION UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED. ALL CONSTRUCTION ACTIVITIES SHOULD BE FIELD VERIFIED WITH NEW MEXICO ONE-CALL AUTHORITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.




TOTAL PERMITTED AREA
345' x 470' = 3.70 ACRES
SCALE: 1" = 60'
JOB No.: COPC437
DATE: 06/10/11
DRAWN BY: TWT

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


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

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
July 17, 2008

1. WELL API NO.
**30-039-31089**

2. Type of Lease
☐ STATE ☐ FEE X FED/INDIAN

3. State Oil & Gas Lease No.
**SF-078640**

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☒ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
**San Juan 28-7 Unit**

6. Well Number:
**217N**

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

8. Name of Operator
**ConocoPhillips Company**

9. OGRID
**217817**

10. Address of Operator
PO Box 4298, Farmington, NM 87499

11. Pool name or Wildcat

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

| 13. Date Spudded | 14. Date T.D. Reached | 15. Date Rig Released | 16. Date Completed (Ready to Produce) | 17. Elevations (DF and RKB, RT, GR, etc.) |
|---|---|---|---|---|
| | | **9/13/12** | | |

| 18. Total Measured Depth of Well | 19. Plug Back Measured Depth | 20. Was Directional Survey Made? | 21. Type Electric and Other Logs Run |
|---|---|---|---|
| | | | |

22. Producing Interval(s), of this completion - Top, Bottom, Name

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

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

24. LINER RECORD

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

25. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|---|---|---|
| | | |
| | | |

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|---|---|
| | |
| | |
| | |

28. **PRODUCTION**

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

| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API - *(Corr.)* |
|---|---|---|---|---|---|---|
| | | | | | | |

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

30. Test Witnessed By

31. List Attachments

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

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

Latitude **36.54675**°N Longitude **107.58598**°W NAD ☐1927 ☐1983

*I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief*

Signature

Printed Name Kenny Davis Title: Staff Regulatory Technician Date: 6/26/13

E-mail Address Kenny.r.davis@conocophillips.com

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

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

November 02, 2012

Mike Smith
Conoco Phillips Farmington
3401 E 30th St
Farmington, NM 87402
TEL:
FAX

RE: S.J. 28-7 #21 7N OrderNo.: 1210C15

Dear Mike Smith:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/26/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

**Analytical Report**
Lab Order **1210C15**
Date Reported: **11/2/2012**

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Conoco Phillips Farmington
**Project:** S.J. 28-7 #21 7N
**Lab ID:** 1210C15-001 **Matrix:** SOIL

**Client Sample ID:** Back Ground
**Collection Date:** 10/25/2012 2:00:00 PM
**Received Date:** 10/26/2012 9:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **EPA METHOD 8015B: DIESEL RANGE ORGANICS** | | | | | | Analyst: **JMP** |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg | 1 | 10/29/2012 3:45:42 PM |
| Surr: DNOP | 106 | 77.6-140 | | %REC | 1 | 10/29/2012 3:45:42 PM |
| **EPA METHOD 8015B: GASOLINE RANGE** | | | | | | Analyst: **NSB** |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 10/30/2012 12:19:11 AM |
| Surr: BFB | 93.9 | 84-116 | | %REC | 1 | 10/30/2012 12:19:11 AM |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** |
| Benzene | ND | 0.047 | | mg/Kg | 1 | 10/30/2012 12:19:11 AM |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 10/30/2012 12:19:11 AM |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 10/30/2012 12:19:11 AM |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 10/30/2012 12:19:11 AM |
| Surr: 4-Bromofluorobenzene | 100 | 80-120 | | %REC | 1 | 10/30/2012 12:19:11 AM |
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **SRM** |
| Chloride | 77 | 30 | | mg/Kg | 20 | 10/30/2012 1:28:05 PM |
| **EPA METHOD 418.1: TPH** | | | | | | Analyst: **LRW** |
| Petroleum Hydrocarbons, TR | ND | 20 | | mg/Kg | 1 | 10/30/2012 |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| P | Sample pH greater than 2 | R | RPD outside accepted recovery limits |
| RL | Reporting Detection Limit | S | Spike Recovery outside accepted recovery limits |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Conoco Phillips Farmington
**Project:** S.J. 28-7 #21 7N
**Lab ID:** 1210C15-002 **Matrix:** SOIL

**Client Sample ID:** Reserve Pit
**Collection Date:** 10/25/2012 2:30:00 PM
**Received Date:** 10/26/2012 9:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **EPA METHOD 8015B: DIESEL RANGE ORGANICS** | | | | | | Analyst: **JMP** |
| Diesel Range Organics (DRO) | 13 | 9.9 | | mg/Kg | 1 | 10/29/2012 4:07:30 PM |
| Surr: DNOP | 105 | 77.6-140 | | %REC | 1 | 10/29/2012 4:07:30 PM |
| **EPA METHOD 8015B: GASOLINE RANGE** | | | | | | Analyst: **NSB** |
| Gasoline Range Organics (GRO) | 5.8 | 4.9 | | mg/Kg | 1 | 10/30/2012 12:47:53 AM |
| Surr: BFB | 113 | 84-116 | | %REC | 1 | 10/30/2012 12:47:53 AM |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** |
| Benzene | ND | 0.049 | | mg/Kg | 1 | 10/30/2012 12:47:53 AM |
| Toluene | 0.14 | 0.049 | | mg/Kg | 1 | 10/30/2012 12:47:53 AM |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 10/30/2012 12:47:53 AM |
| Xylenes, Total | 0.36 | 0.098 | | mg/Kg | 1 | 10/30/2012 12:47:53 AM |
| Surr: 4-Bromofluorobenzene | 104 | 80-120 | | %REC | 1 | 10/30/2012 12:47:53 AM |
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **SRM** |
| Chloride | 94 | 30 | | mg/Kg | 20 | 10/30/2012 2:17:43 PM |
| **EPA METHOD 418.1: TPH** | | | | | | Analyst: **LRW** |
| Petroleum Hydrocarbons, TR | 35 | 20 | | mg/Kg | 1 | 10/30/2012 |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| E | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| P | Sample pH greater than 2 | R | RPD outside accepted recovery limits |
| RL | Reporting Detection Limit | S | Spike Recovery outside accepted recovery limits |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1210C15**

*15-Nov-12*

**Client:** Conoco Phillips Farmington

**Project:** S.J. 28-7 #21 7N

| Sample ID | **MB-4580** | SampType: **MBLK** | | | TestCode: **EPA Method 300.0: Anions** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBS** | Batch ID: **4580** | | | RunNo: **6579** | | | | | |
| Prep Date: | **10/30/2012** | Analysis Date: **10/30/2012** | | | SeqNo: **189923** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID | **LCS-4580** | SampType: **LCS** | | | TestCode: **EPA Method 300.0: Anions** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSS** | Batch ID: **4580** | | | RunNo: **6579** | | | | | |
| Prep Date: | **10/30/2012** | Analysis Date: **10/30/2012** | | | SeqNo: **189924** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.9 | 90 | 110 | | | |

| Sample ID | **1210B86-015AMS** | SampType: **MS** | | | TestCode: **EPA Method 300.0: Anions** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **BatchQC** | Batch ID: **4580** | | | RunNo: **6579** | | | | | |
| Prep Date: | **10/30/2012** | Analysis Date: **10/30/2012** | | | SeqNo: **189951** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 7.5 | 15.00 | 0 | 92.4 | 64.4 | 117 | | | |

| Sample ID | **1210B86-015AMSD** | SampType: **MSD** | | | TestCode: **EPA Method 300.0: Anions** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **BatchQC** | Batch ID: **4580** | | | RunNo: **6579** | | | | | |
| Prep Date: | **10/30/2012** | Analysis Date: **10/30/2012** | | | SeqNo: **189952** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 7.5 | 15.00 | 0 | 92.3 | 64.4 | 117 | 0.0932 | 20 | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1210C15**

*15-Nov-12*

**Client:** Conoco Phillips Farmington

**Project:** S.J. 28-7 #21 7N

| Sample ID **LCS-4563** | SampType: **LCS** | TestCode: **EPA Method 418.1: TPH** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **4563** | RunNo: **6563** |
| Prep Date: **10/29/2012** | Analysis Date: **10/30/2012** | SeqNo: **189606** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Petroleum Hydrocarbons, TR | 100 | 20 | 100.0 | 0 | 101 | 80 | 120 | | | |

| Sample ID **LCSD-4563** | SampType: **LCSD** | TestCode: **EPA Method 418.1: TPH** |
|---|---|---|
| Client ID: **LCSS02** | Batch ID: **4563** | RunNo: **6563** |
| Prep Date: **10/29/2012** | Analysis Date: **10/30/2012** | SeqNo: **189607** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Petroleum Hydrocarbons, TR | 100 | 20 | 100.0 | 0 | 102 | 80 | 120 | 1.32 | 20 | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1210C15**

*15-Nov-12*

**Client:** Conoco Phillips Farmington

**Project:** S.J. 28-7 #21 7N

Sample ID **MB-4548** SampType: **MBLK** TestCode: **EPA Method 8015B: Diesel Range Organics**

Client ID: **PBS** Batch ID: **4548** RunNo: **6531**

Prep Date: **10/26/2012** Analysis Date: **10/29/2012** SeqNo: **188696** Units: **mg/Kg**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Surr: DNOP | 10 | | 10.00 | | 102 | 77.6 | 140 | | | |

Sample ID **LCS-4548** SampType: **LCS** TestCode: **EPA Method 8015B: Diesel Range Organics**

Client ID: **LCSS** Batch ID: **4548** RunNo: **6531**

Prep Date: **10/26/2012** Analysis Date: **10/29/2012** SeqNo: **188697** Units: **mg/Kg**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | 46 | 10 | 50.00 | 0 | 92.7 | 52.6 | 130 | | | |
| Surr: DNOP | 4.6 | | 5.000 | | 92.8 | 77.6 | 140 | | | |

Sample ID **1210B82-001AMS** SampType: **MS** TestCode: **EPA Method 8015B: Diesel Range Organics**

Client ID: **BatchQC** Batch ID: **4548** RunNo: **6531**

Prep Date: **10/26/2012** Analysis Date: **10/29/2012** SeqNo: **188770** Units: **mg/Kg**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | 47 | 9.6 | 48.12 | 4.002 | 88.8 | 57.2 | 146 | | | |
| Surr: DNOP | 5.1 | | 4.812 | | 105 | 77.6 | 140 | | | |

Sample ID **1210B82-001AMSD** SampType: **MSD** TestCode: **EPA Method 8015B: Diesel Range Organics**

Client ID: **BatchQC** Batch ID: **4548** RunNo: **6531**

Prep Date: **10/26/2012** Analysis Date: **10/29/2012** SeqNo: **188771** Units: **mg/Kg**

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | 50 | 9.9 | 49.55 | 4.002 | 93.4 | 57.2 | 146 | 7.34 | 24.5 | |
| Surr: DNOP | 5.2 | | 4.955 | | 105 | 77.6 | 140 | 0 | 0 | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1210C15**

*15-Nov-12*

**Client:** Conoco Phillips Farmington

**Project:** S.J. 28-7 #21 7N

| Sample ID **MB-4544** | SampType: **MBLK** | TestCode: **EPA Method 8015B: Gasoline Range** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **4544** | RunNo: **6559** |
| Prep Date: **10/26/2012** | Analysis Date: **10/29/2012** | SeqNo: **189489** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 940 | | 1000 | | 94.4 | 84 | 116 | | | |

| Sample ID **LCS-4544** | SampType: **LCS** | TestCode: **EPA Method 8015B: Gasoline Range** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **4544** | RunNo: **6559** |
| Prep Date: **10/26/2012** | Analysis Date: **10/29/2012** | SeqNo: **189490** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 95.4 | 74 | 117 | | | |
| Surr: BFB | 1000 | | 1000 | | 100 | 84 | 116 | | | |

| Sample ID **1210B94-002AMS** | SampType: **MS** | TestCode: **EPA Method 8015B: Gasoline Range** |
|---|---|---|
| Client ID: **BatchQC** | Batch ID: **4544** | RunNo: **6559** |
| Prep Date: **10/26/2012** | Analysis Date: **10/29/2012** | SeqNo: **189493** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | 38 | 4.9 | 24.32 | 8.072 | 124 | 70 | 130 | | | |
| Surr: BFB | 1300 | | 972.8 | | 132 | 84 | 116 | | | S |

| Sample ID **1210B94-002AMSD** | SampType: **MSD** | TestCode: **EPA Method 8015B: Gasoline Range** |
|---|---|---|
| Client ID: **BatchQC** | Batch ID: **4544** | RunNo: **6559** |
| Prep Date: **10/26/2012** | Analysis Date: **10/29/2012** | SeqNo: **189494** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | 39 | 4.9 | 24.37 | 8.072 | 128 | 70 | 130 | 2.30 | 22.1 | |
| Surr: BFB | 1300 | | 974.7 | | 132 | 84 | 116 | 0 | 0 | S |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1210C15**

*15-Nov-12*

**Client:** Conoco Phillips Farmington

**Project:** S.J. 28-7 #21 7N

| Sample ID **MB-4544** | SampType: **MBLK** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **4544** | RunNo: **6559** |
| Prep Date: **10/26/2012** | Analysis Date: **10/29/2012** | SeqNo: **189514** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.050 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 101 | 80 | 120 | | | |

| Sample ID **LCS-4544** | SampType: **LCS** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **4544** | RunNo: **6559** |
| Prep Date: **10/26/2012** | Analysis Date: **10/29/2012** | SeqNo: **189515** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.0 | 0.050 | 1.000 | 0 | 104 | 76.3 | 117 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 104 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 106 | 77 | 116 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 106 | 76.7 | 117 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 108 | 80 | 120 | | | |

| Sample ID **1210B94-001AMS** | SampType: **MS** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **BatchQC** | Batch ID: **4544** | RunNo: **6559** |
| Prep Date: **10/26/2012** | Analysis Date: **10/29/2012** | SeqNo: **189517** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.97 | 0.048 | 0.9690 | 0 | 100 | 67.2 | 113 | | | |
| Toluene | 1.0 | 0.048 | 0.9690 | 0 | 104 | 62.1 | 116 | | | |
| Ethylbenzene | 1.0 | 0.048 | 0.9690 | 0 | 106 | 67.9 | 127 | | | |
| Xylenes, Total | 3.1 | 0.097 | 2.907 | 0 | 106 | 60.6 | 134 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 0.9690 | | 106 | 80 | 120 | | | |

| Sample ID **1210B94-001AMSD** | SampType: **MSD** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **BatchQC** | Batch ID: **4544** | RunNo: **6559** |
| Prep Date: **10/26/2012** | Analysis Date: **10/29/2012** | SeqNo: **189518** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 1.0 | 0.048 | 0.9690 | 0 | 103 | 67.2 | 113 | 2.71 | 14.3 | |
| Toluene | 1.0 | 0.048 | 0.9690 | 0 | 107 | 62.1 | 116 | 3.15 | 15.9 | |
| Ethylbenzene | 1.1 | 0.048 | 0.9690 | 0 | 109 | 67.9 | 127 | 2.66 | 14.4 | |
| Xylenes, Total | 3.2 | 0.097 | 2.907 | 0 | 110 | 60.6 | 134 | 2.93 | 12.6 | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 0.9690 | | 108 | 80 | 120 | 0 | 0 | |

**Qualifiers:**

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

# Sample Log-In Check List

Client Name: **Conoco Phillips Farmington** Work Order Number: **1210C15**

Received by/date: 10/26/12

Logged By: **Ashley Gallegos** 10/26/2012 9:55:00 AM

Completed By: **Ashley Gallegos** 10/26/2012 11:12:11 AM

Reviewed By: 10/26/12

## Chain of Custody

| | | | |
|---|---|---|---|
| 1. Were seals intact? | Yes | No | Not Present ✓ |
| 2. Is Chain of Custody complete? | Yes ✓ | No | Not Present |
| 3. How was the sample delivered? | Client | | |

## Log In

| | | | |
|---|---|---|---|
| 4. Coolers are present? (see 19. for cooler specific information) | Yes ✓ | No | NA |
| 5. Was an attempt made to cool the samples? | Yes ✓ | No | NA |
| 6. Were all samples received at a temperature of >0° C to 6.0°C | Yes ✓ | No | NA |
| 7. Sample(s) in proper container(s)? | Yes ✓ | No | |
| 8. Sufficient sample volume for indicated test(s)? | Yes ✓ | No | |
| 9. Are samples (except VOA and ONG) properly preserved? | Yes ✓ | No | |
| 10. Was preservative added to bottles? | Yes | No ✓ | NA |
| 11. VOA vials have zero headspace? | Yes | No | No VOA Vials ✓ |
| 12. Were any sample containers received broken? | Yes | No ✓ | |
| 13. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes ✓ | No | # of preserved bottles checked for pH: |
| 14. Are matrices correctly identified on Chain of Custody? | Yes ✓ | No | (<2 or >12 unless noted) |
| 15. Is it clear what analyses were requested? | Yes ✓ | No | Adjusted? |
| 16. Were all holding times able to be met? (If no, notify customer for authorization.) | Yes ✓ | No | Checked by: |

## Special Handling (if applicable)

| | | | |
|---|---|---|---|
| 17. Was client notified of all discrepancies with this order? | Yes | No | NA ✓ |

Person Notified: _____ Date: _____

By Whom: _____ Via: eMail Phone Fax In Person

Regarding: _____

Client Instructions: _____

18. Additional remarks:

19. **Cooler Information**

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|---|---|---|---|---|---|---|
| 1 | 1.8 | Good | Not Present | | | |

# Chain-of-Custody Record

Client: ConocoPhillips

Mailing Address: 30th street Farmington

Phone #: 320-2492-330-2656

email or Fax#: Mike.W.Smith@C.o.P.com

QA/QC Package: Freddie Martinez69@hotmail.com

☑ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:

☑ Standard ☐ Rush _____

Project Name: S.J. 28-7 #217N

Project #: PO# 10338472

Project Manager: Mike Smith

Sampler: Fred Martinez

On Ice: ☑ Yes ☐ No

Sample Temperature: Cool 1.5


HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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


| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No #26015 | BTEX + MTBE + TMB's (8021) | BTEX + MTBE + TPH (Gas only) | TPH Method 8015B (Gas/Diesel) | TPH (Method 418.1) | EDB (Method 504.1) | 8310 (PNA or PAH) | RCRA 8 Metals | Anions (F,Cl,$NO_3$,$NO_2$,$PO_4$,$SO_4$) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Chlorides | | | | Air Bubbles (Y or N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-25-12 | 2.00 | Soil | Back-Ground | 1-4oz | Cool | -001 | ✓ | | ✓ | ✓ | | | | | | | | ✓ | | | | |
| 10-25-12 | 2.30 | Soil | Reserve Pit | 1-4oz | Cool | -002 | ✓ | | ✓ | ✓ | | | | | | | | ✓ | | | | |

Remarks:

| Date: | Time: | Relinquished by: | Received by: | Date | Time |
|---|---|---|---|---|---|
| 10-25-12 | 1610 | Fred Martinez | Christine Walters | 10/25/12 | 1610 |
| 10/25/12 | 1921 | Christine Walters | | 10/26/12 | 0955 |

ConocoPhillips

**Pit Closure Form:**

Date: 3-8-13

Well Name: SJ 28-7 217N

Footages: 1645 FNL, 1119 FWL Unit Letter: E

Section: 28, T-27-N, R-7-W, County: R.A. State: NM

Contractor Closing Pit: JD Ritter

Pit Closure Start Date: 3-8-13

Pit Closure Complete Date: 3-8-13

Construction Inspector: Norman Faver Date: 3-8-13

Inspector Signature: Norman Faver

Revised 11/4/10

Office Use Only:
Subtask ✓
DSM
Folder

## Davis, Kenny R

**From:** Payne, Wendy F
**Sent:** Friday, March 01, 2013 11:01 AM
**To:** (Brandon.Powell@state.nm.us); GRP:SJBU Regulatory; Jonathan Kelly; (lpuepke@cimarronsvc.com); Eli (Cimarron) (eliv@cimarronsvc.com); James (Cimarron) (jwood@cimarronsvc.com); Craig Willems; Mark Kelly; Mike Flaniken; Randy McKee; Robert Switzer; Roger Herrera; Sherrie Landon; Dee, Harry P; Eric Smith (sconsulting.eric@gmail.com); Faver Norman; Fred Martinez; Gardenhire, James E; Jared Chavez; Lowe, Terry; McCarty Jr, Chuck R; Payne, Wendy F; Peter, Dan J; Smith, Mike W; Steve McGlasson; Tally, Ethel; Becker, Joey W; Bowker, Terry D; Brant Fourr; Frost, Ryan M; Goosey, Paul P; Gordon Chenault; Green, Cary Green J; GRP:SJBU Production Leads; Hockett, Christy R; Bassing, Kendal R.; Kennedy, Jim R; Leboeuf, Davin J; Lopez, Richard A; Nelson, Garry D; O'Nan, Mike J.; Peace, James T; Poulson, Mark E; Schaaphok, Bill; Smith, Randall O; Spearman, Bobby E; Stamets, Steve A; Heriberto Blanco; Quintana Tony (tquintana@flintenergy.com); Barton, Austin; Blakley, Mac; Clugston, Danny K; Coats, Nathan W; Farrell, Juanita R; Maxwell, Mary Alice; Rhoads, Travis P; Saiz, Kooper K; Seabolt, Elmo F; Thompson, Trey
**Cc:** 'JDRITT@aol.com'
**Subject:** Reclamation Notice: San Juan 28-7 Unit 217N

**Importance:** High

JD Ritter Construction will move a tractor to the **San Juan 28-7 Unit 217N** to start the reclamation process on **Thursday, March 7, 2013**. Please contact Norm Faver (320-0670) if you have questions or need further assistance.

San Juan 28-7
Unit 217N.pdf

ConocoPhillips Company Well - Network # 10338472 - Activity Code D250 (reclamation) & D260 (pit closure) - **PO: Kgarcia**
Rio Arriba County, NM

### San Juan 28-7 Unit 217N - BLM surface/BLM minerals

Onsite:Craig Willems - 7-12-11
Twin: San Juan 28-7 Unit 217M and
San Juan 28-7 Unit 175
1645' FNL & 1119' FWL
Sec.28, T27N, R7W
Unit Letter " E "
Lease # SF-078640
UA # NM-78413
BH: SENW, Sec.28, T27N, R7W
Latitude: 36° 32' 48" N (NAD 83)
Longitude: 107° 35' 09" W (NAD 83)
Elevation: 6582'
Total Acres Disturbed: 3.03 acres
Access Road: n/a
API # 30-039-31089
Within City Limits: No
Pit Lined: **YES**
**NOTE: Arch Monitoring is NOT required on this location.**

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

## Davis, Kenny R

**From:** Payne, Wendy F
**Sent:** Thursday, March 28, 2013 11:41 AM
**To:** Anderson Boomer (boomer@nelsonreveg.com); Revegitation Nelson (brad@nelsonreveg.com); Barton, Austin; Blakley, Mac; Clugston, Danny K; Coats, Nathan W; Farrell, Juanita R; Maxwell, Mary Alice; Rhoads, Travis P; Saiz, Kooper K; Seabolt, Elmo F; Thompson, Trey
**Cc:** Faver Norman; Smith, Mike W; Payne, Wendy F
**Subject:** Seed Notice: San Juan 28-7 Unit 217N

**Importance:** High

Nelson Reveg,

Please find the legal's, driving directions and the APD to the **San Juan 28-7 Unit 217N** to seed the location the week of April 1, 2013. Please contact Norm Faver (320-0670) if you have questions or need further assistance.

San Juan 28-7 Unit 217N.pdf  1.SJ 28-7 Unit 217N APD Apvd ...

ConocoPhillips Company Well - Network # 10338472 - Activity Code D250 (reclamation) - **PO: Kgarcia**
Rio Arriba County, NM

### San Juan 28-7 Unit 217N - BLM surface/BLM minerals

Onsite:Craig Willems - 7-12-11
Twin: San Juan 28-7 Unit 217M and
San Juan 28-7 Unit 175
1645' FNL & 1119' FWL
Sec.28, T27N, R7W
Unit Letter " E "
Lease # SF-078640
UA # NM-78413
BH: SENW, Sec.28, T27N, R7W
Latitude: 36° 32' 48" N (NAD 83)
Longitude: 107° 35' 09" W (NAD 83)
Elevation: 6582'
Total Acres Disturbed: 3.03 acres
Access Road: n/a
API # 30-039-31089
Within City Limits: No
Pit Lined: **YES**
**NOTE: Arch Monitoring is NOT required on this location.**

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

ConocoPhillips

**Reclamation Form:**

Date: 4-5-2013

Well Name: SJ 28-7 217N

Footages: 1645 FNL, 1119 FWL Unit Letter: E

Section: 28, T-27-N, R-7-W, County: RA State: NM

Reclamation Contractor: Ritter

Reclamation Start Date: 3-6-2013

Reclamation Complete Date: 3-20-2013

Road Completion Date: 3-27-2013

Seeding Date: ~~4~~ 3-3-2013

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

MARKER PLACED : 3-27-2013 (DATE)

LATATUDE: 36 32.810

LONGITUDE: 107 35.162

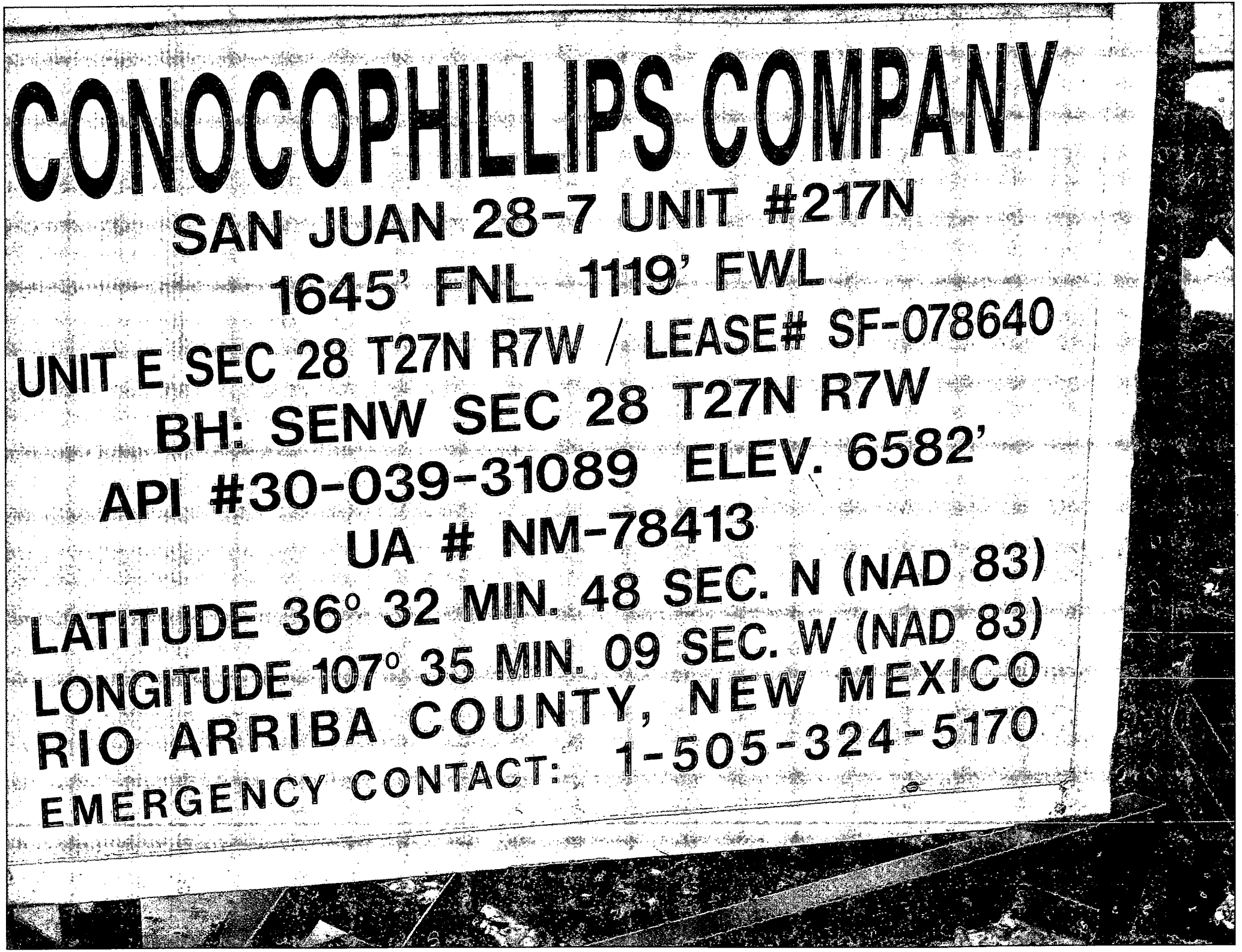
Pit Manifold removed 3-5-2013 (DATE)

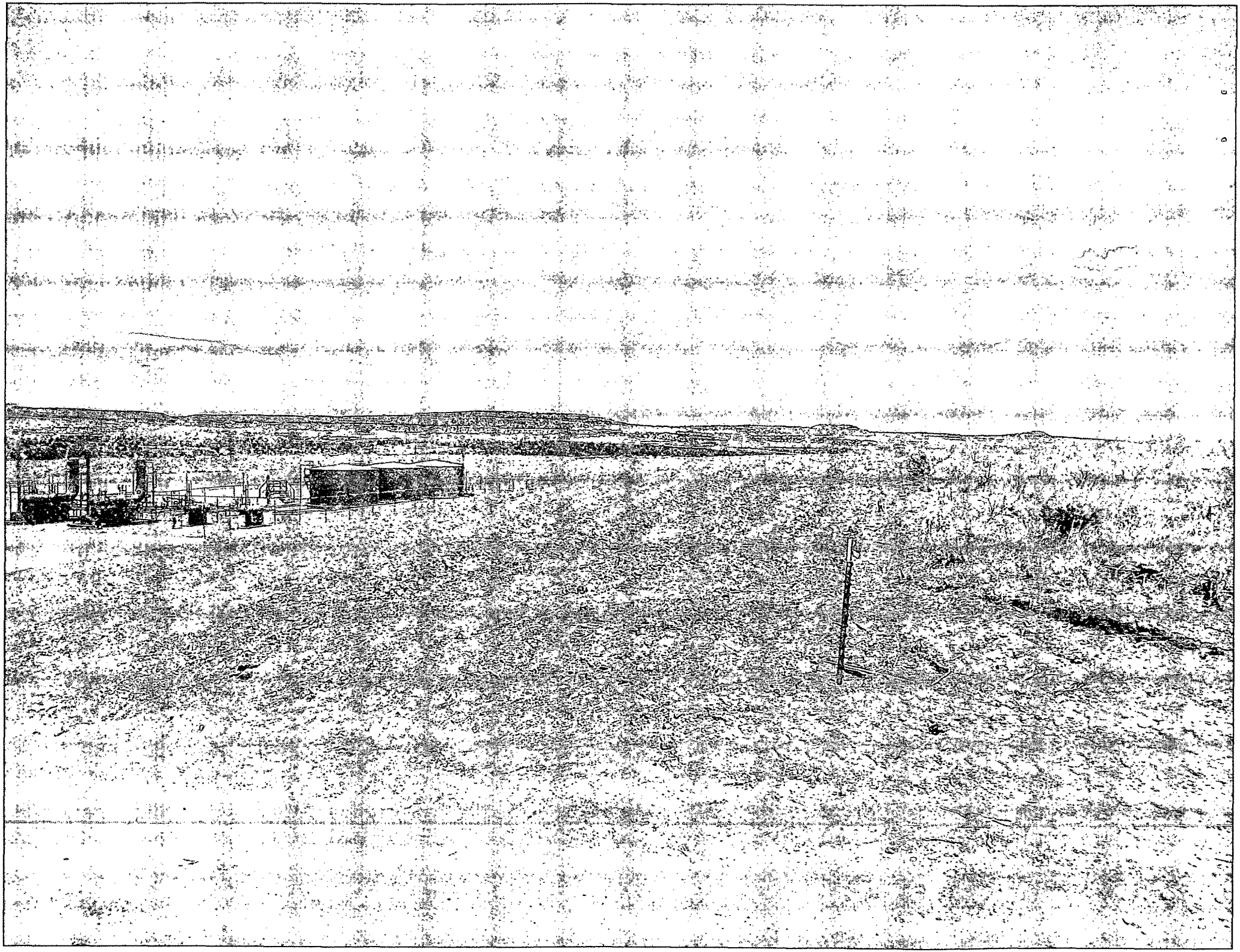
Construction Inspector: Norman Faver Date: 4-5-2013

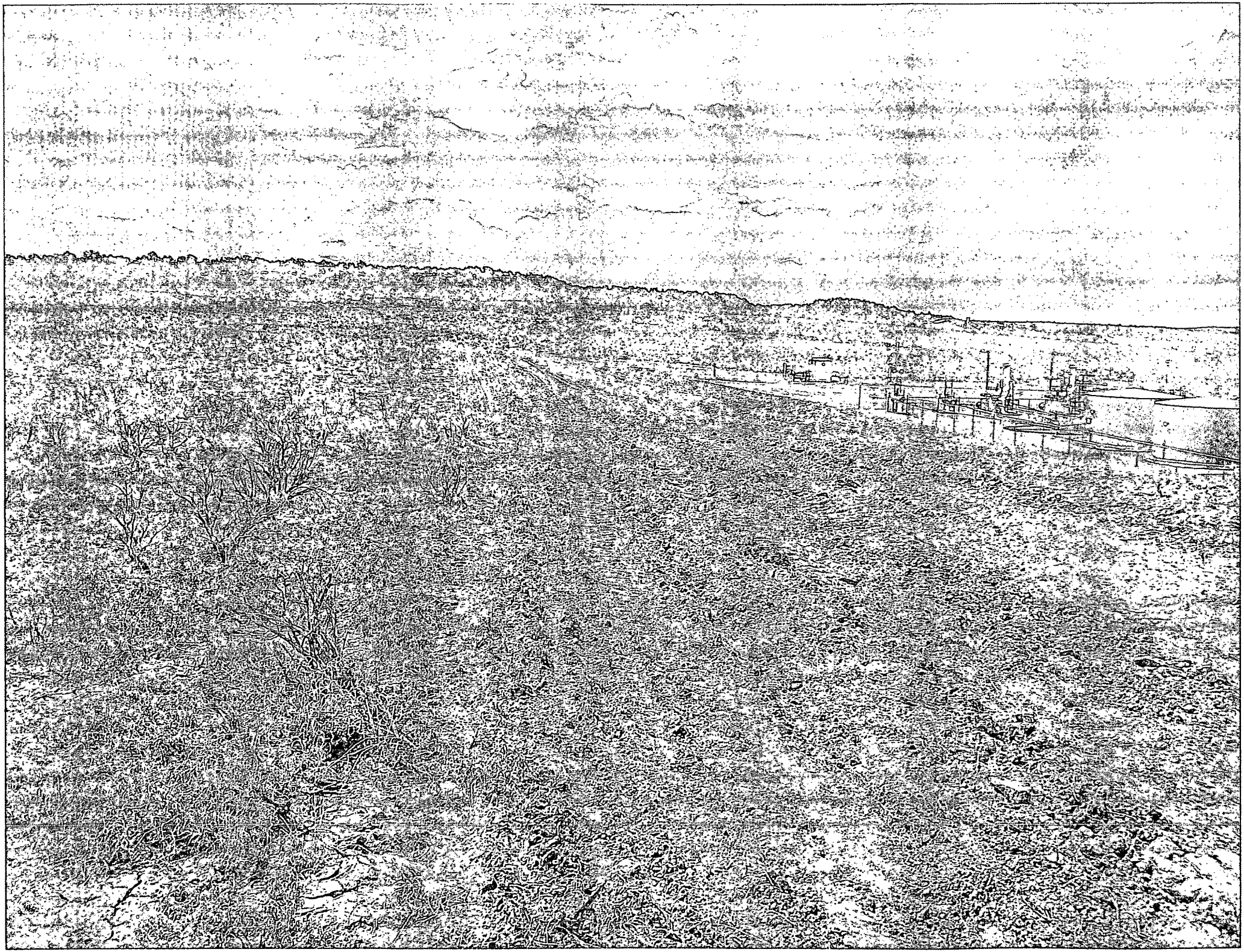
Inspector Signature: Norman Faver

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

Revised 6/14/2012


CONOCOPHILLIPS COMPANY
SAN JUAN 28-7 UNIT #217N
1645' FNL 1119' FWL
UNIT E SEC 28 T27N R7W / LEASE# SF-078640
BH: SENW SEC 28 T27N R7W
API #30-039-31089 ELEV. 6582'
UA # NM-78413
LATITUDE 36° 32 MIN. 48 SEC. N (NAD 83)
LONGITUDE 107° 35 MIN. 09 SEC. W (NAD 83)
RIO ARRIBA COUNTY, NEW MEXICO
EMERGENCY CONTACT: 1-505-324-5170





| WELL NAME: San Juan 28-7 Unit 217N | OPEN PIT INSPECTION FORM — ConocoPhillips | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| INSPECTOR | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz |
| DATE | 09/20/12 | 09/27/12 | 10/04/12 | 10/11/12 | 10/18/12 | 10/25/12 | 11/01/12 | 11/13/12 | 11/20/12 |
| *Please request for pit extention after 26 weeks | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 |
| PIT STATUS | ☐ Drilled ☐ Completed ☐ Clean-Up | ☐ Drilled ☐ Completed ☐ Clean-Up | ☐ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up |
| LOCATION — Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.) | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| LOCATION — Is the temporary well sign on location and visible from access road? | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the access road in good driving condition? (deep ruts, bladed) | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Are the culverts free from debris or any object preventing flow? | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the top of the location bladed and in good operating condition? | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the fence stock-proof? (fences tight, barbed wire, fence clips in place? | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.) | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.) | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Does the pit contain two feet of free board? (check the water levels) | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is there any standing water on the blow pit? | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Are the pits free of trash and oil? | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Are there diversion ditches around the pits for natural drainage? | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| ENVIRONMENTAL COMPLIANCE — Is there a Manifold on location? | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE — Is the Manifold free of leaks? Are the hoses in good condition? | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No |
| OCD — Was the OCD contacted? | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| PICTURE TAKEN | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No |
| COMMENTS | No ditches. | Rig On location. | Rig On location. | Debri in Pit;Pit full had M&R pull water down | Debri in Pit | Debri in Pit and pit sampled | rig on to frac | Debri in Pit | Debri in pit |

| WELL NAME: San Juan 28-7 Unit 217N | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | INSPECTOR | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | Fred Mtz | | |
| | DATE | 12/04/12 | 12/11/12 | 12/27/12 | 01/02/13 | 01/16/13 | 01/23/13 | 02/20/13 | | |
| | *Please request for pit extention after 26 weeks | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 | Week 15 | Week 16 | Week 17 | Week 18 |
| | PIT STATUS | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☑ Drilled ☐ Completed ☐ Clean-Up | ☑ Drilled ☑ Completed ☐ Clean-Up | ☐ Drilled ☐ Completed ☐ Clean-Up | ☐ Drilled ☐ Completed ☐ Clean-Up |
| LOCATION | Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Is the temporary well sign on location and visible from access road? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| ENVIRONMENTAL COMPLIANCE | Is the access road in good driving condition? (deep ruts, bladed) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☑ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Are the culverts free from debris or any object preventing flow? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Is the top of the location bladed and in good operating condition? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Is the fence stock-proof? (fences tight, barbed wire, fence clips in place? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Does the pit contain two feet of free board? (check the water levels) | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Is there any standing water on the blow pit? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Are the pits free of trash and oil? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Are there diversion ditches around the pits for natural drainage? | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Is there a Manifold on location? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | Is the Manifold free of leaks? Are the hoses in good condition? | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☑ Yes ☐ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| OCD | Was the OCD contacted? | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | PICTURE TAKEN | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☑ No | ☐ Yes ☐ No | ☐ Yes ☐ No |
| | COMMENTS | Debri in pit | rig on location | rig on location | Debri in Pit | Debri in pit facility's being set on location . | Debri under ice facility set on location sign road has ruts location rutted. | Trash on location facility's set location muddy debri in pit fence loose . | | |