

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

- 1863
- 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 28-5 Unit 82N  
API Number: 30-039-30365 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr N (SE/SW) Section 22 Township 28N Range 5W County: Rio Arriba  
Center of Proposed Design: Latitude 36.64278 °N Longitude 107.34880 °W NAD:  1927  1983  
Surface Owner:  Federal  State  Private  Tribal Trust or Indian Allotment

2.  
 **Pit:** Subsection F, G or J of 19.15.17.11 NMAC **This Closure was found during our internal audit. Please see attached letter.**  
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: Metal  
 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 \_\_\_\_\_

RCVD DEC 11 '13  
OIL CONS. DIV.  
DIST. 3

4.  
 **Alternative Method:**  
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.  
**Fencing:** Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)  
 Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)  
 Four foot height, four strands of barbed wire evenly spaced between one and four feet  
 Alternate. Please specify \_\_\_\_\_

6.

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

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

7.

**Signs:** Subsection C of 19.15.17.11 NMAC

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

8.

**Variations and Exceptions:**

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

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

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

9.

**Siting Criteria (regarding permitting):** 19.15.17.10 NMAC

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

**General siting**

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

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

- Yes  No
- NA

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

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

- Yes  No
- NA

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

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

- Yes  No

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

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

- Yes  No

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

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

- Yes  No

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

- FEMA map

- Yes  No

**Below Grade Tanks**

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

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

- Yes  No

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

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

- Yes  No

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

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

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

- Yes  No

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

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

- Yes  No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

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

- Yes  No

Within 100 feet of a wetland.  
 - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  Yes  No

**Temporary Pit Non-low chloride drilling fluid**

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  
 - Topographic map; Visual inspection (certification) of the proposed site  Yes  No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  
 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image  Yes  No

Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;  
 - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site  Yes  No

Within 300 feet of a wetland.  
 - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  Yes  No

**Permanent Pit or Multi-Well Fluid Management Pit**

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  
 - Topographic map; Visual inspection (certification) of the proposed site  Yes  No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  
 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image  Yes  No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.  
 - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site  Yes  No

Within 500 feet of a wetland.  
 - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  Yes  No

10.  
**Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC  
*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

- Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

11.  
**Multi-Well Fluid Management Pit Checklist:** Subsection B of 19.15.17.9 NMAC  
*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*

- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- A List of wells with approved application for permit to drill associated with the pit.
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12.

**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Climatological Factors Assessment
- Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- Quality Control/Quality Assurance Construction and Installation Plan
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan
- Emergency Response Plan
- Oil Field Waste Stream Characterization
- Monitoring and Inspection Plan
- Erosion Control Plan
- Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.

**Proposed Closure:** 19.15.17.13 NMAC

**Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type:  Drilling  Workover  Emergency  Cavitation  P&A  Permanent Pit  Below-grade Tank  Multi-well Fluid Management Pit  
 Alternative

Proposed Closure Method:  Waste Excavation and Removal  
 Waste Removal (Closed-loop systems only)  
 On-site Closure Method (Only for temporary pits and closed-loop systems)  
 In-place Burial  On-site Trench Burial  
 Alternative Closure Method

14.

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

- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.

**Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC

**Instructions:** Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

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

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

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

OCD Representative Signature: Spencer D. Kelley Approval Date: 12/12/2013

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: 6/5/2008

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.*

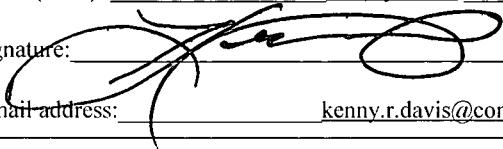
- Proof of Closure Notice (surface owner and division)
- Proof of Deed Notice (required for on-site closure for private land only)
- Plot Plan (for on-site closures and temporary pits)
- Confirmation Sampling Analytical Results (if applicable)
- Waste Material Sampling Analytical Results (required for 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 36.64278 Longitude 107.34880 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 Davis Title: Staff Regulatory Technician

Signature:  Date: 12/10/13

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

**Burlington Resources  
San Juan Basin  
Closure Report**

**Lease Name: San Juan 28-5 Unit 82N  
API No.: 30-039-30365**

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. (Well located on Federal Land)**

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

**The closure plan requirements were met per rig move off date as noted on C-105. This Closure occurred prior to the 2008 pit rule going into effect. Please see attached 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 not attached, please see attached explanation letter.**

- 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).**

- 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.**

- 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 19.15.17.13(B)(1)(b). (Sample results attached).**

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	13.3 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	116 ug/kG
TPH	EPA SW-846 418.1	2500	58.7 mg/kg
GRO/DRO	EPA SW-846 8015M	500	58.7 mg/Kg
Chlorides	EPA 300.1	1000/500	141mg/L

- 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.**

- 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.**

- 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 not met due to this pit being closed before the 2008 pit rule went into effect and no pit marker was installed.**

**OIL CONS. DIV DIST. 3**

**DEC 11 2013**

The San Juan 28-5 Unit 82N Pit was closed on 6/5/2008. The closure took place prior to the 2008 pit rule going into effect. As a result, the proof of closure notice email did not get created so it is not attached. Also, as it was not required at that time, no pit marker was ever installed. Burlington Resources respectfully requests that this Pit Closure be approved. This pit was found as a part of our internal audit to try to clean up historical permits.

## Tally, Ethel

---

**From:** Tally, Ethel  
**Sent:** Monday, October 06, 2008 9:24 AM  
**To:** 'mark\_kelly@nm.blm.gov'  
**Subject:** SURFACE OWNER NOTIFICATION

The temporary pits for the wells listed below will be closed on-site. Please let me know if you have any questions.

San Juan 28-7-Unit 134G  
~~San Juan 28-5-Unit 82N~~

Thank You,

**Ethel Tally**  
ConocoPhillips-SJBU  
3401 E. 30th  
Farmington NM 87402  
(505)599-4027 phone  
Ethel.Tally@conocophillips.com

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised October 12, 2005

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

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

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

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

AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name BLANCO MESA VERDE/BASIN DAKOTA
<sup>4</sup> Property Code	<sup>5</sup> Property Name SAN JUAN 28-5 UNIT	<sup>6</sup> Well Number 82N
<sup>7</sup> GRID No.	<sup>8</sup> Operator Name BURLINGTON RESOURCES O&G CO LP	<sup>9</sup> Elevation 6845'

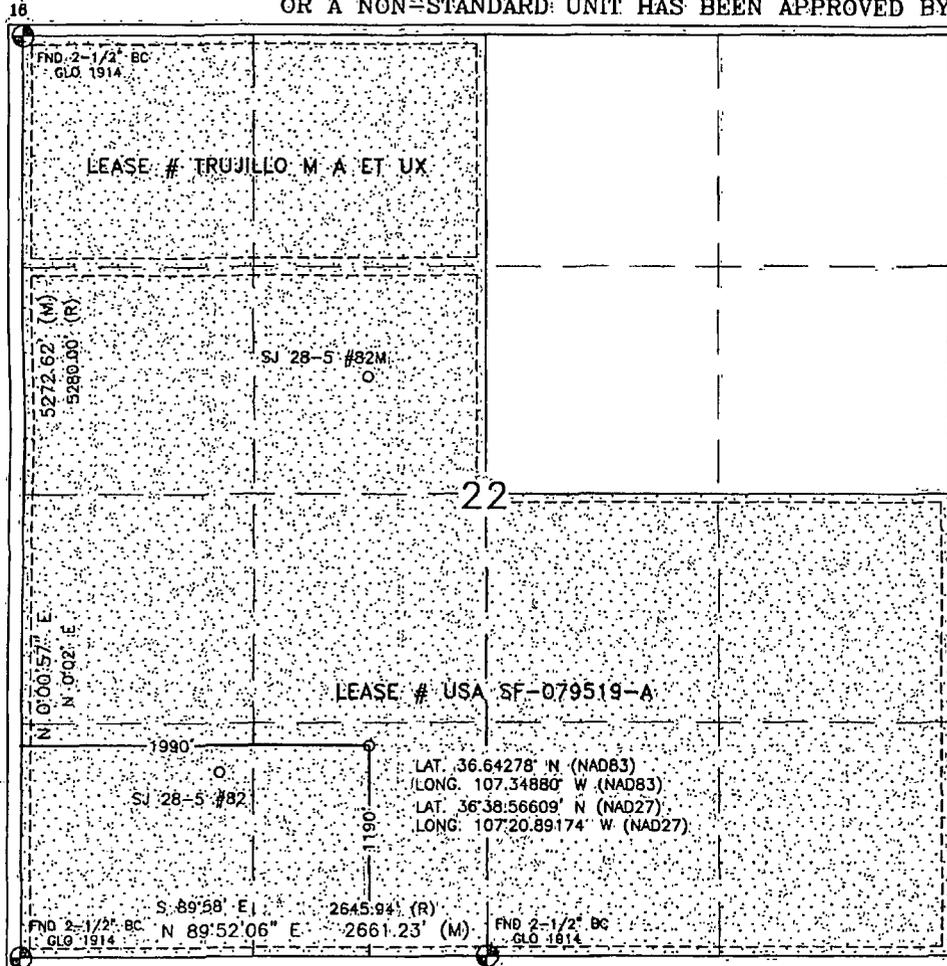
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	22	28N	5W		1190'	SOUTH	1990'	WEST	RIO ARRIBA

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres			<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.		

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



<sup>17</sup> OPERATOR CERTIFICATION

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

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

Printed Name \_\_\_\_\_

<sup>18</sup> SURVEYOR CERTIFICATION

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

MAY 7, 2007  
Date of Survey

Signature and Seal of Professional Surveyor:  
*David R. Russell*

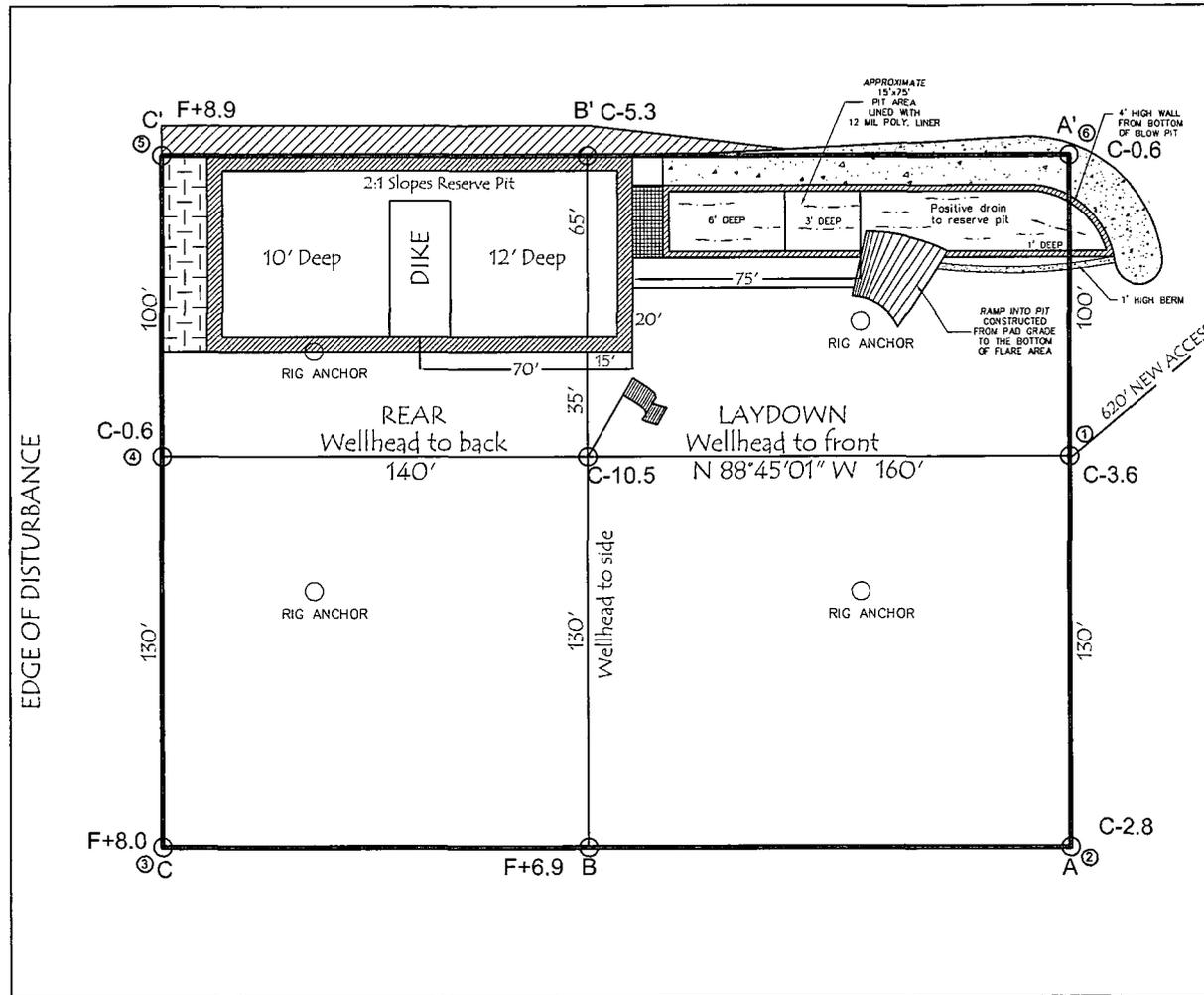
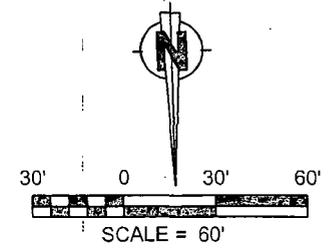
DAVID R. RUSSELL  
NEW MEXICO  
REGISTERED PROFESSIONAL LAND SURVEYOR  
10201

DAVID RUSSELL  
Certificate Number 10201

LATITUDE: 36.64278°N  
 LONGITUDE: 107.34880°W  
 DATUM: NAD 83

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

**BURLINGTON RESOURCES O&G CO LP**  
 SAN JUAN 28-5 UNIT #82N  
 1190' FSL & 1990' FWL  
 LOCATED IN THE SE/4 SW/4 OF SECTION 22,  
 T28N, R5W, N.M.P.M.,  
 RIO ARRIBA COUNTY, NEW MEXICO  
 GROUND ELEVATION: 6845', NAVD 88  
 FINISHED PAD ELEVATION: 6834.8', NAVD 88



330' x 400' = 3.03 ACRES OF DISTURBANCE  
 SCALE: 1" = 60'  
 JOB No.: COP061-REV2  
 DATE: 05/14/07

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. #5  
 Aztec, New Mexico 87410  
 (505) 334-8637

GRR

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

Form C-105  
 July 17, 2008

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

1. WELL API NO.  
 30-039-30365  
 2. Type of Lease  
 STATE  FEE  FED/INDIAN  
 3. State Oil & Gas Lease No. FEE

**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 28-5 Unit  
 6. Well Number:  
 82N

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

8. Name of Operator Burlington Resources Oil & Gas Company LP  
 9. OGRID 14538

10. Address of Operator  
 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 3/15/08  
 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 36.64278 Longitude 107.34880 NAD 1927 1983 (X)

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

Signature:  Name Kenny Davis Title Staff Regulatory Technician Date 12/10/13

E-mail: kenny.davis@borealis.com Phone: 505-599-4045

# ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

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

Client:	ConocoPhillips	Project #:	96056-0026
Sample ID:	SJ 28-5 #82N	Date Reported:	06-11-08
Laboratory Number:	45776	Date Sampled:	06-05-08
Chain of Custody No:	4477	Date Received:	06-06-08
Sample Matrix:	Soil	Date Extracted:	06-09-08
Preservative:	Cool	Date Analyzed:	06-10-08
Condition:	Intact	Analysis Requested:	8015 TPH

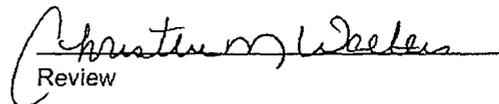
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	7.0	0.2
Diesel Range (C10 - C28)	51.7	0.1
Total Petroleum Hydrocarbons	58.7	0.2

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

# ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

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

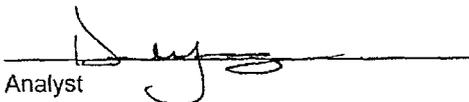
Client:	ConocoPhillips	Project #:	96056-0026
Sample ID:	SJ 28-5 #82N Background	Date Reported:	06-11-08
Laboratory Number:	45777	Date Sampled:	06-05-08
Chain of Custody No:	4477	Date Received:	06-06-08
Sample Matrix:	Soil	Date Extracted:	06-09-08
Preservative:	Cool	Date Analyzed:	06-10-08
Condition:	Intact	Analysis Requested:	8015 TPH

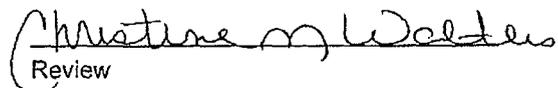
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.3	0.2
Diesel Range (C10 - C28)	0.5	0.1
Total Petroleum Hydrocarbons	0.8	0.2

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

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

### Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-10-08 QA/QC	Date Reported:	06-11-08
Laboratory Number:	45756	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-10-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1.0055E+003	1.0059E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.8506E+002	9.8546E+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

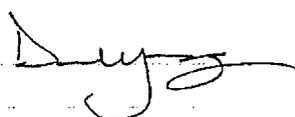
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	3.3	3.3	0.0%	0 - 30%

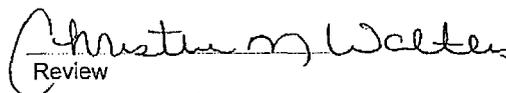
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	3.3	250	247	97.6%	75 - 125%

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 45756, 45776 - 45780, and 45785 - 45788.

Analyst 

Review 

# ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 28-5 #82N	Date Reported:	06-11-08
Laboratory Number:	45776	Date Sampled:	06-05-08
Chain of Custody:	4477	Date Received:	06-06-08
Sample Matrix:	Soil	Date Analyzed:	06-10-08
Preservative:	Cool	Date Extracted:	06-09-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	13.3	0.9
Toluene	19.0	1.0
Ethylbenzene	14.6	1.0
p,m-Xylene	52.9	1.2
o-Xylene	16.6	0.9
<b>Total BTEX</b>	<b>116</b>	

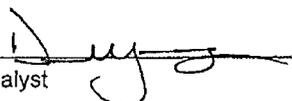
ND - Parameter not detected at the stated detection limit.

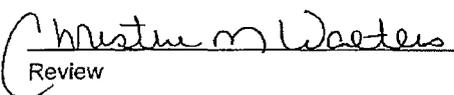
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

# ENVIROTECH LABS

Practical Solutions for a Better Tomorrow

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 28-5 #82N Background	Date Reported:	06-11-08
Laboratory Number:	45777	Date Sampled:	06-05-08
Chain of Custody:	4477	Date Received:	06-06-08
Sample Matrix:	Soil	Date Analyzed:	06-10-08
Preservative:	Cool	Date Extracted:	06-09-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	114	0.9
Toluene	99.7	1.0
Ethylbenzene	14.5	1.0
p,m-Xylene	32.2	1.2
o-Xylene	12.1	0.9
<b>Total BTEX</b>	<b>273</b>	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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

# ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-10-BT QA/QC	Date Reported:	06-11-08
Laboratory Number:	45756	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-10-08
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	2.8363E+007	2.8420E+007	0.2%	ND	0.1
Toluene	2.2628E+007	2.2674E+007	0.2%	ND	0.1
Ethylbenzene	1.6475E+007	1.6508E+007	0.2%	ND	0.1
p,m-Xylene	3.6230E+007	3.6303E+007	0.2%	ND	0.1
o-Xylene	1.5709E+007	1.5740E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff:	Accept Range	Detect Limit
Benzene	2.0	1.9	5.0%	0 - 30%	0.9
Toluene	1.8	1.8	0.0%	0 - 30%	1.0
Ethylbenzene	2.0	2.0	0.0%	0 - 30%	1.0
p,m-Xylene	2.0	1.8	10.0%	0 - 30%	1.2
o-Xylene	2.0	1.9	5.0%	0 - 30%	0.9

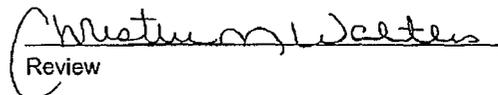
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked/Sample	% Recovery	Accept Range
Benzene	2.0	50.0	51.9	99.8%	39 - 150
Toluene	1.8	50.0	51.4	99.2%	46 - 148
Ethylbenzene	2.0	50.0	51.8	99.6%	32 - 160
p,m-Xylene	2.0	100	97.0	95.1%	46 - 148
o-Xylene	2.0	50.0	51.7	99.4%	46 - 148

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 45756, 45776 - 45777, and 45785 - 45788.

Analyst 

Review 

# ENVIROTECH LABS

PRactical SOLUTIONS FOR A BETTER TOMORROW

## TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 28-5 #82N	Date Reported:	06-09-08
Laboratory Number:	45776	Date Sampled:	06-05-08
Chain of Custody:	4477	Date Received:	06-06-08
Sample Matrix:	Soil	Date Analyzed:	06-06-08
Preservative:	Cool	Date Digested:	06-06-08
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.065	0.001	5.0
Barium	45.5	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.26	0.001	5.0
Lead	0.312	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.003	0.001	1.0
Silver	0.004	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.  
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission Spectroscopy, SW-846, USEPA, December 1996.

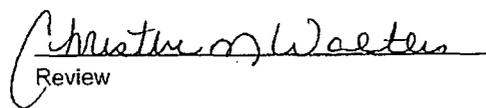
Note: Regulatory Limits based on 40 CFR part 261 subpart C  
section 261.24, August 24, 1998.

Comments: **Drilling Pit Sample.**

Analyst



Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 28-5 #82N Background	Date Reported:	06-09-08
Laboratory Number:	45777	Date Sampled:	06-05-08
Chain of Custody:	4477	Date Received:	06-06-08
Sample Matrix:	Soil	Date Analyzed:	06-06-08
Preservative:	Cool	Date Digested:	06-06-08
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.022	0.001	5.0
Barium	2.86	0.001	100
Cadmium	0.009	0.001	1.0
Chromium	0.513	0.001	5.0
Lead	0.400	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	0.001	1.0
Silver	0.006	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.  
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: Drilling Pit Sample.

Analyst

Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	06-06 TM QA/AC	Date Reported:	06-09-08
Laboratory Number:	45737	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	06-06-08
Condition:	N/A	Date Digested:	06-06-08

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/Kg)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.132	0.136	3.2%	0% - 30%
Barium	ND	ND	0.001	15.6	15.6	0.0%	0% - 30%
Cadmium	ND	ND	0.001	0.041	0.044	7.5%	0% - 30%
Chromium	ND	ND	0.001	0.612	0.619	1.1%	0% - 30%
Lead	ND	ND	0.001	0.354	0.361	1.9%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.016	0.019	14.1%	0% - 30%
Silver	ND	ND	0.001	0.004	0.004	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.250	0.132	0.402	105%	80% - 120%
Barium	0.500	15.6	16.01	99.8%	80% - 120%
Cadmium	0.250	0.041	0.282	96.9%	80% - 120%
Chromium	0.500	0.61	1.105	99.4%	80% - 120%
Lead	0.500	0.354	0.830	97.2%	80% - 120%
Mercury	0.100	ND	0.090	90.4%	80% - 120%
Selenium	0.100	0.016	0.094	81.2%	80% - 120%
Silver	0.100	0.004	0.089	85.1%	80% - 120%

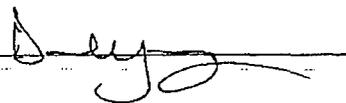
ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.  
SW-846, USEPA, December 1996.

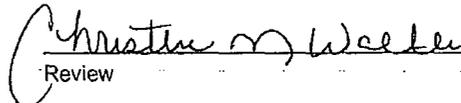
Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission Spectroscopy, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 45737 - 45739 and 45776 - 45777.

Analyst



Review



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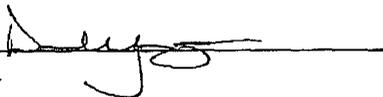
## CATION / ANION ANALYSIS

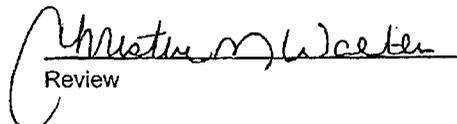
Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 28-5 #82N	Date Reported:	06-12-08
Laboratory Number:	45776	Date Sampled:	06-05-08
Chain of Custody:	4477	Date Received:	06-06-08
Sample Matrix:	Soil Extract	Date Extracted:	06-08-08
Preservative:	Cool	Date Analyzed:	06-09-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	7.48	s.u.		
Conductivity @ 25° C	937	umhos/cm		
Total Dissolved Solids @ 180C	592	mg/L		
Total Dissolved Solids (Calc)	564	mg/L		
SAR	5.2	ratio		
Total Alkalinity as CaCO3	138	mg/L		
Total Hardness as CaCO3	134	mg/L		
Bicarbonate as HCO3	138	mg/L	2.26	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	0.9	mg/L	0.01	meq/L
Nitrite Nitrogen	0.001	mg/L	0.00	meq/L
Chloride	141	mg/L	3.98	meq/L
Fluoride	0.80	mg/L	0.04	meq/L
Phosphate	5.5	mg/L	0.17	meq/L
Sulfate	129	mg/L	2.69	meq/L
Iron	1.37	mg/L	0.05	meq/L
Calcium	41.7	mg/L	2.08	meq/L
Magnesium	7.23	mg/L	0.59	meq/L
Potassium	15.5	mg/L	0.40	meq/L
Sodium	139	mg/L	6.05	meq/L
Cations			9.17	meq/L
Anions			9.16	meq/L
Cation/Anion Difference			0.15%	

Reference: U.S.E.P.A., 600/4-79-020, "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

# ENVIROTECH LABS

Practical Solutions for a Better Tomorrow

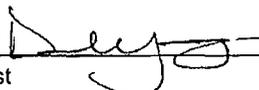
## CATION / ANION ANALYSIS

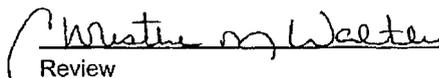
Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 28-5 #82N Background	Date Reported:	06-12-08
Laboratory Number:	45777	Date Sampled:	06-05-08
Chain of Custody:	4477	Date Received:	06-06-08
Sample Matrix:	Soil Extract	Date Extracted:	06-08-08
Preservative:	Cool	Date Analyzed:	06-09-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	6.76	s.u.		
Conductivity @ 25° C	68	umhos/cm		
Total Dissolved Solids @ 180C	292.0	mg/L		
Total Dissolved Solids (Calc)	241	mg/L		
SAR	3.4	ratio		
Total Alkalinity as CaCO3	36.0	mg/L		
Total Hardness as CaCO3	48	mg/L		
Bicarbonate as HCO3	36.0	mg/L	0.59	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	2.0	mg/L	0.03	meq/L
Nitrite Nitrogen	<0.01	mg/L	0.00	meq/L
Chloride	17.0	mg/L	0.48	meq/L
Fluoride	<0.01	mg/L	0.00	meq/L
Phosphate	66.5	mg/L	2.10	meq/L
Sulfate	55.0	mg/L	1.15	meq/L
Iron	0.190	mg/L	0.01	meq/L
Calcium	10.1	mg/L	0.50	meq/L
Magnesium	5.42	mg/L	0.45	meq/L
Potassium	8.45	mg/L	0.22	meq/L
Sodium	54.5	mg/L	2.37	meq/L
Cations			3.54	meq/L
Anions			4.35	meq/L
Cation/Anion Difference			18.49%	

Reference: U.S.E.P.A., 600/4-79-020, "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



**ConocoPhillips**  
Pit Closure Form:

Date: 6/5/08

Well Name: SJ 28-5 #82N

Footages: 1190' ESL 1990 FWL Unit Letter: N

Section: 22 T-28-N, R-5-W, County: RIO ARriba State: NM

Pit Closure Date: 6/5/08

Contractor Closing Pit: A to Z

Art Sanchez 6/5/08  
Construction Inspector Name Date ConocoPhillips

Art Sanchez  
Signature

# ConocoPhillips

Reclamation Form:

Date: 6/16/08

Well Name: SJ 28-5 #82N

Footages: 1190 FSL 1990 FWL Unit Letter: N

Section: 22, T- 28 -N, R- 5 -W, County: REGAL State: NM

Reclamation Contractor: A to Z

Reclamation Date: 6/5/08

Road Completion Date: 6/14/08

Seeding Date: 6/13/08

ART SANCHEZ 6/16/08  
Construction Inspector Name Date ConocoPhillips

Art Sanchez  
Signature

## Davis, Kenny R

---

**From:** Busse, Dollie L  
**Sent:** Monday, June 02, 2008 11:08 AM  
**To:** Erinn Shirley; Mark Kelly; Robert Switzer; Sherrie Landon  
**Cc:** McDonald Johnny (jr\_mcdonald@msn.com); A&Z; Blair, Maxwell O; Blakley, Maclovia; Clark, Joan E; Farrell, Juanita R; Finkler, Jane; McWilliams, Peggy L; Seabolt, Elmo F  
**Subject:** Clean Up Notice - SJ 28-5 82N  
**Importance:** High

**A - Z Contracting** will move a clean up tractor on the **SJ 28-5 82N** on **Thursday, June 5, 2008** to start the reclamation process. Please contact Johnny McDonald (215-2861) if you have any questions or need additional information.

Thanks!

Dollie

**Network #:** 10196512



San Juan 28-5  
Unit 82N.PDF

**Dollie L. Busse**

ConocoPhillips-SJBU

Construction Technician

Project Development

505-324-6104

505-599-4062 (fax)

[Dollie.L.Busse@conocophillips.com](mailto:Dollie.L.Busse@conocophillips.com)

**BURLINGTON**

ConocoPhillips

**RESOURCES**

**SAN JUAN 28-5 #82N**

**LATITUDE 36.64278° N (NAD83)**

**LONGITUDE 107.34880° W**

**UNIT N SEC 22 T28N R05W**

**1190' FSL 1990' FWL**

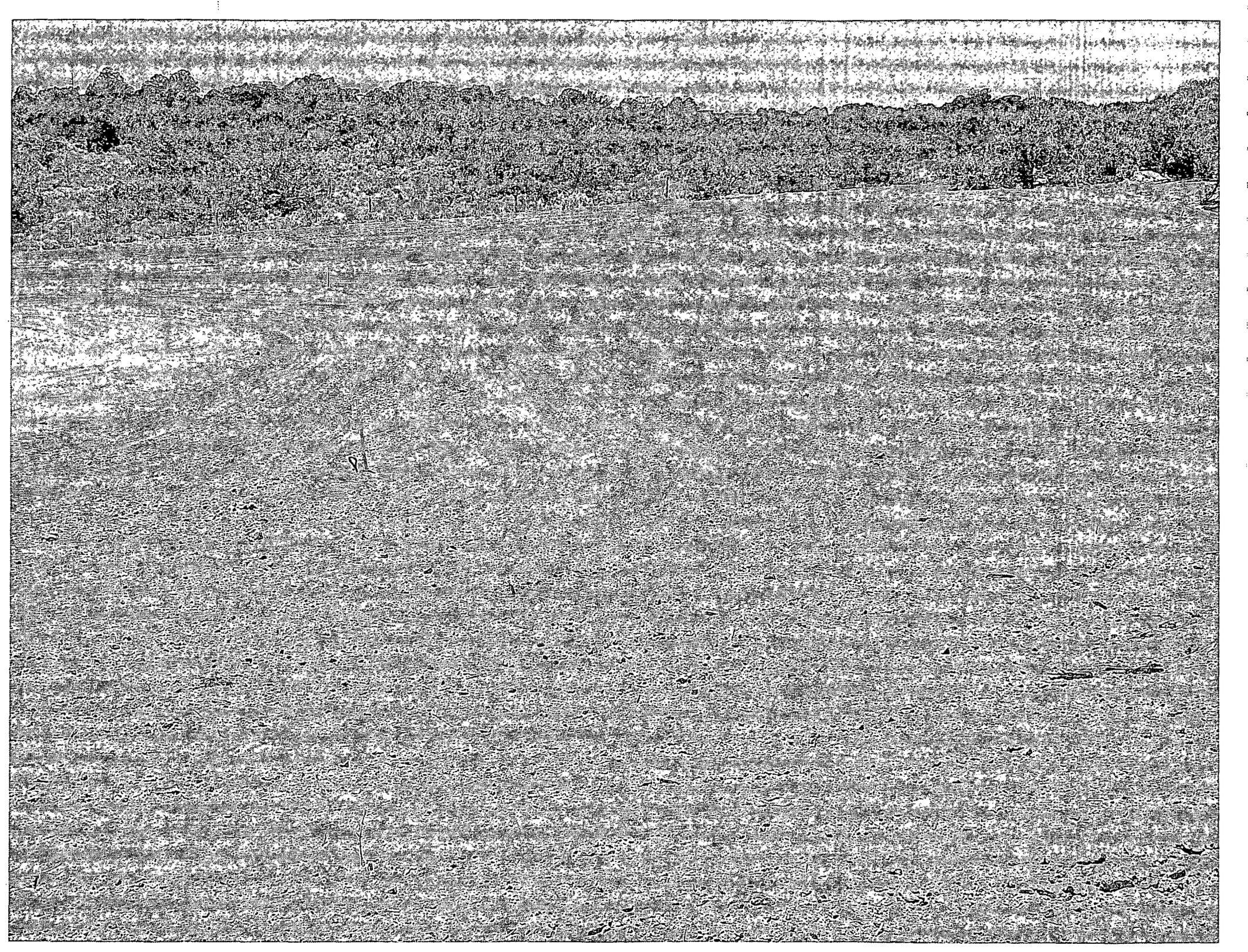
**API # 30-039-30365**

**LEASE# SF-079519-A ELEV.6845' GL**

**RIO ARRIBA COUNTY, NEW MEXICO**

**EMERGENCY CONTACT: 1-505-599-3400**





Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 1/15/08

Inspector: Art Sanchez

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?		✓
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	—	—
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)	—	—
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)	—	—
Does the pit contain two feet of free board? (check the water levels)	—	—
Is there any standing water on the blow pit?	—	—
Are the pits free of trash and oil?	—	—
Are there diversion ditches around the pits for natural drainage?	—	—

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: HFP 283 DRILLING RIG ON LOCATION

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 1/21/08

Inspector: ART SANCHEZ

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)		✓
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)	✓	
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?	✓	
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments:

OIL IN PIT - CALLED NOBLE TRACKING TO REMOVE OIL.  
LINER HAS SMALL HOLES IN APRON - CALLED MCCI TO  
REPAIR LINER

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SS 28-5 82N Date: 1/30/08

Inspector: Art Sanchez

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	✓	✗
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)		✓
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?		✓
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: FENCE IS LOOSE - CALLED M/VCI TO REPAIR FENCE.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 2/6/08

Inspector: ART SANCHEZ

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)		✓
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)		✓
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?		✓
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 2/18/08

Inspector: ART SANCHEZ

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	✓	
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)	✓	
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?	✓	✓
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments:  
LENER HAS HOLES ON APRON - FENCES LOOSE - CALLED  
MVCI TO REPAIR.  
OIL IN PIT - CALLED NOBLE TO REMOVE OIL FROM PIT

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 3/3/08

Inspector: Art Sanchez

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?		✓
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	✓	✓
Is the pit liner in good operating condition? ( no tears, up rooting corners, etc)	✓	
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?		✓
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: Work on Apron - CALLED MCCI TO REPAIR LINER.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 3/10/08

Inspector: ART SANCHEZ

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?		✓
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	—	—
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)	—	—
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)	—	—
Does the pit contain two feet of free board? (check the water levels)	—	—
Is there any standing water on the blow pit?	—	—
Are the pits free of trash and oil?	—	—
Are there diversion ditches around the pits for natural drainage?	—	—

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: SCHLUMBERGER FRAC CREW ON LOCATION.

Inspector x: Art Sanchez

**Well Pad Safety and Environmental check list**

Well Name: ST 28-5 82N Date: 3/19/08

Inspector: Art Sanchez

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes, where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	✓	
Is the pit liner in good operating condition? ( no tears, up rooting corners, etc)	✓	
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?		✓
Are the pits free of trash and oil?		✓
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, tom liners, oil in pits or on top of location.

Comments: Called MVCI to REPAIR TEAR ON APRON AND TIGHTEN FENCE.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: 5T 28-5 82N Date: 3/27/08

Inspector: Art Sanchez

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?		✓
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	—	—
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)	—	—
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)	—	—
Does the pit contain two feet of free board? (check the water levels)	—	—
Is there any standing water on the blow pit?	—	—
Are the pits free of trash and oil?	—	—
Are there diversion ditches around the pits for natural drainage?	—	—

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: Key #28 Completion Rig on Location.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: 5T 28-5 82N Date: 4/2/08

Inspector: ART SANCHEZ

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?		✓
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from debris or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	—	—
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)	—	—
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)	—	—
Does the pit contain two feet of free board? (check the water levels)	—	—
Is there any standing water on the blow pit?	—	—
Are the pits free of trash and oil?	—	—
Are there diversion ditches around the pits for natural drainage?	—	—

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: KEY # 28 COMPLETION RIG ON LOCATION.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 4/10/08

Inspector: Art Sanchez

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	✓	
Is the pit liner in good operating condition? ( no tears, up rooting corners, etc)	✓	
Is the top of the location free from trash, oil stains, and other materials? (Cables, plpe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?	✓	
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: Called MVEI to repair fence (left open) and to repair liner (melted in blow pit and holes).

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 4/25/08

Inspector: ART SANCHEZ

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	✓	
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)		✓
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?	✓	
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: called BENNETT CONST TO WASH LINER AND TIGHTEN FENCE.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5.82N Date: 5/5/08

Inspector: Art Sanchez

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)	✓	✗
Is the pit liner in good operating condition? ( no tears, up rooting corners, etc)	✓	✗
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?		✓
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: called MCCI TO REPAIR FENCE AND HOLES IN LINER.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 5/13/08

Inspector: Art Sanchez

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)		✓
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)		✓
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)	✓	
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?		✓
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: called MUCI TO P/U TRASH/LINER ON EAST SIDE OF LOCATION.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: SJ 28-5 82N Date: 5/22/08

Inspector: ART SANCHEZ

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		✓
Are there any dog legs, risers or any other above ground facility that needs a barricade to help safe passage? If yes , where?	✓	
Is there a documented JSA on site?	✓	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		✓
Is the temporary well sign on location and visible from access road?		✓
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		✓
Are the culverts free from dabree or any object preventing flow?		✓
Is the top of the location bladed and in good operating condition?		✓
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)		✓
Is the pit liner in good operating condition? ( no tears, up rooting corners,etc)	✓	
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		✓
Does the pit contain two feet of free board? (check the water levels)		✓
Is there any standing water on the blow pit?	✓	
Are the pits free of trash and oil?		✓
Are there diversion ditches around the pits for natural drainage?		✓

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: CALLED MVCI TO REPAIR HOLES IN LINER.

Inspector x: Art Sanchez

Well Pad Safety and Environmental check list

Well Name: JJ 28-5 #82N Date: 6-2-08

Inspector: Rodney Woody

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		<input checked="" type="checkbox"/>
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"/>	
Is there a documented JSA on site?	<input checked="" type="checkbox"/>	
Location		
Is the location marked with the proper flagging? (Const. zone, poles pipelines, etc.)		<input checked="" type="checkbox"/>
Is the temporary well sign on location and visible from access road?		<input checked="" type="checkbox"/>
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		<input checked="" type="checkbox"/>
Are the culverts free from dabree or any object preventing flow?		<input checked="" type="checkbox"/>
Is the top of the location bladed and in good operating condition?		<input checked="" type="checkbox"/>
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)		<input checked="" type="checkbox"/>
Is the pit liner in good operating condition? ( no tears, up rooting comers,etc)		<input checked="" type="checkbox"/>
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		<input checked="" type="checkbox"/>
Does the pit contain two feet of free board? (check the water levels)		<input checked="" type="checkbox"/>
Is there any standing water on the blow pit?	<input checked="" type="checkbox"/>	
Are the pits free of trash and oil?		<input checked="" type="checkbox"/>
Are there diversion ditches around the pits for natural drainage?		<input checked="" type="checkbox"/>

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: Pit & loc look Good

Inspector x: Rodney Woody

Well Pad Safety and Environmental check list

Well Name: SS 28-5 #82 V Date: 6-6-08

Inspector: Rodney Woody

Drilled  Completed  Waiting on Clean Up

Safety	N	Y
Are PPE's visible and in use? ( hard hat, steel toes, gloves, vest, glasses)		<input checked="" type="checkbox"/>
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"/>	
Is there a documented JSA on site?		<input checked="" type="checkbox"/>
Location		
Is the location marked with the proper flagging? (Const. zone, poles, pipelines, etc.)		
Is the temporary well sign on location and visible from access road?		
Environmental/ Pit compliance		
Is the access road in good driving condition? ( deep ruts, bladed)		
Are the culverts free from dabree or any object preventing flow?		
Is the top of the location bladed and in good operating condition?		
Is the fence stock proof? ( fences tight , barbed wire on all four side of location fence clips in place)		
Is the pit liner in good operating condition? ( no tears, up rooting corners, etc)		
Is the top of the location free from trash, oil stains, and other materials? (Cables, pipe threads, etc.)		
Does the pit contain two feet of free board? (check the water levels)		
Is there any standing water on the blow pit?		
Are the pits free of trash and oil?		
Are there diversion ditches around the pits for natural drainage?		

Pictures
1 <sup>st</sup> Picture: well sign
2 <sup>nd</sup> Picture: top of location ( panoramic)
3 <sup>rd</sup> Picture: pit liner
Take any additional pictures of trash, torn liners, oil in pits or on top of location.

Comments: loc is beeping reclaimed by A to Z

Inspector x: Rodney Woody