District I 1625 N French Dr , Hobbs, NM 88240

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

State of New Mexico

Energy Minerals and Natural Resources

Department

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

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

Type of action.	Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
	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

Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538
Address: P.O. Box 4289, Farmington, NM 87499
Facility or well name: WOOD 3N
API Number: 30-045-34655 OCD Permit Number
U/L or Qtr/Qtr I(NE/SE) Section: 17 Township. 29N Range: 10W County: San Juan
Center of Proposed Design: Latitude: 36.72446 °N Longitude: 107.90557 °W NAD: 1927 X 1983
Surface Owner: X Federal State Private Tribal Trust or Indian Allotment
X Pit: Subsection F or G of 19 15 17 11 NMAC Temporary X Drilling Workover Workover
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 Other
Liner Seams Welded Factory Other Below-grade tank: Subsection I of 19 15 17 11 NMAC FIB 2010
Alternative Method: Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval

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, inst	itution or chur	ch)
Four foot height, four strands of barbed wire evenly spaced between one and four feet		,
Alternate Please specify		
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)		
Signal Subsection C of 10.15.17.11.NB/AC		
Signs: Subsection C of 19 15 17 11 NMAC 12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers		
X Signed in compliance with 19 15 3 103 NMAC		
9 Administrative Approvals and Exceptions:		
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 cons	ideration of ap	proval
(Fencing/BGT Liner)		
Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	<u>, </u>	
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	1	
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	j	
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.	□Yes	No
- NM Office of the State Engineer - tWATERS database search, USGS, Data obtained from nearby wells		
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake	Yes	No
(measured from the ordinary high-water mark).		_
- Topographic map, Visual inspection (certification) of the proposed site		
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial	Yes	No
application.		
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	∐NA	
- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image		
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	∐No
(Applied to permanent pits)	□ÑĀ	
- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image		
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering	Yes	□No
purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.		
- NM Office of the State Engineer - 1WATERS database search, Visual inspection (certification) of the proposed site		
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Yes	□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	□v _{aa}	□N ₀
Within 500 feet of a wetland. - 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.	∏Yes	□No
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division		٠.٠ <u>٠</u>
Within an unstable area.	Yes	No
- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological	-	_
Society, Topographic map		Път
Within a 100-year floodplain - FEMA map	Yes	∐No

Form C-144

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 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
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
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 1711 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
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)
15
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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16					
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	o				
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 Yes (If yes, please provide the information No	e service and				
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 NM	IAC				
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC	IAC				
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC					
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 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 certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to 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	Yes No				
- NM Office of the State Engineer - IWATERS database search, USGS Data obtained from nearby wells	□ N/A □				
Ground water is between 50 and 100 feet below the bottom of the buried waste	Yes No				
- NM Office of the State Engineer - 1WATERS database search, USGS, Data obtained from nearby wells					
Ground water is more than 100 feet below the bottom of the buried waste	Yes No				
- NM Office of the State Engineer - IWATERS database search, USGS, Data obtained from nearby wells	∐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)	Yes No				
- Topographic map, Visual inspection (certification) of the proposed site					
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				
	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 - NM Office of the State Engineer - iWATERS database, Visual inspection (certification) of the proposed site	`				
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	Yes No				
- Written confirmation or verification from the municipality, Written approval obtained from the municipality	☐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				
Within the area overlying a subsurface mine	Yes No				
- Written confirantion or verification or map from the NM EMNRD-Mining and Mineral Division Within an unstable area	Yes No				
- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society,					
Topographic map					
Within a 100-year floodplain - FEMA map	Yes No				
18 On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the following items must bee attached to the closure Plan Checklist:	sure 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 NMA	c				
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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19 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: Approval Date: OCD Permit Number:
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. X Closure Completion Date: January 23, 2009
22
Closure Method: Waste Excavation and Removal Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain
23 <u>Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:</u> 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 operations? Yes (If yes, please demonstrate compliant to the items below) No
Required for impacted areas which will not be used for future vervice and operations Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique
24
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. X Proof of Closure Notice (surface owner and division) X Proof of Deed Notice (required for on-site closure) X Plot Plan (for on-site closures and temporary pits) X Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) X Disposal Facility Name and Permit Number X Soil Backfilling and Cover Installation X Re-vegetation Application Rates and Seeding Technique X Site Reclamation (Photo Documentation) On-site Closure Location Latitude 36.724418 °N Longitude 107.905426 °W NAD 1927 X 1983
25
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) Marie EgJaramitto Title Staff Regulatory Tech Date
e-mail address <u>marie e jaramillo@conocophillips.com</u> Telephone 505-326-9865

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

Lease Name: WOOD 3N API No.: 30-045-34655

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date.

- Details on Capping and Covering, where applicable. (See report)
- Plot Plan (Pit Diagram) (Included as an attachment)
- Inspection Reports (Included as an attachment)
- Sampling Results (Included as an attachment)
- C-105 (Included as an attachment)
- Copy of Deed Notice will be filed with County Clerk (Not required on Federal, State, or Tribal land as stated by FAQ dated October 30, 2008)

General Plan:

1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division—approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves.

All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B).

2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.

The pit was closed using onsite burial.

3. The surface owner shall be notified of BR's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.

The closure process notification to the landowner was sent via email. (See Attached)(Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)

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

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

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

Notification is attached.

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

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

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

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

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

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

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	1.6 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	46.9 ug/kG
TPH	EPA SW-846 418.1	2500	269mg/kg
GRO/DRO	EPA SW-846 8015M	500	10.5 mg/Kg
Chlorides	EPA 300.1	1000/500	393 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 recontour 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. Reshaping 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 recontour 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 used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

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

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

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

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, BLM, WOOD 3N, UL-J, Sec. 17, T 29N, R 10W, API # 30-045-34655

Tafoya, Crystal

From:

Tafoya, Crystal

- Sent: To: Subject: Thursday, July 10, 2008 8:16 AM 'mark_kelly@nm.blm.gov' OCD Pit Closure Notification

The following temporary pits will be closed on-site. The new OCD Pit Rule 17 requires the surface owner be notified. Please feel free to contact me at any time if you have any questions. Thank you!

Allison Unit 2B

Allison Unit 40N

Angel Peak B 27E

Ballard 11F

Cain 725S

Canyon Largo Unit 250N

Canyon Largo Unit 279E

Canyon Largo Unit 288E

Canyon largo Unit 297E

Canyon Largo Unit 465E

Carson SRC 4E

Day B 4P

Day B 5A

East 17S

EPNG A 1B

EPNG B 1M

Federal A 1E

Filan 5M

Filan 5N

Fogelson 4 100

Fogelson 4 100S

Grambling C 202S

Hagood 19

Hamner 9S

Hardie 4P

Hare 295

Heaton Com 100

Helms Federal 1G

Howell 12

Huerfanito Unit 103F

Huerfanito Unit 29S

Huerfanito Unit 39S

Huerfanito Unit 47S

Huerfanito Unit 50E

Huerfanito Unit 75E

Huerfanito Unit 83E

Huerfanito Unit 87E

Huerfanito Unit 90E

Huerfanito Unit 90M

Huerfanito Unit 98S

Huerfano Unit 108F

Huerfano Unit 282E

Huerfano unit 305

Huerfano unit 307

Huerfano Unit 554

Johnston Federal 24S

King 3

Lackey A Com 100S

Lambe 1C

Lambe 7S

Lively 8M

Lloyd A 100

Lloyd A 100S

Martin 100

McCord B 1F

McDurmitt Com 100S

McManus 13R

Mitchell 1S

Morris A 14

Newberry B 1N

Newsom B 503

Newsom B 8N

Pierce A 210S

Roelofs 1N

San Juan 27-4 Unit 132G

San Juan 27-4 Unit 132M

San Juan 27-4 Unit 139N

San Juan 27-4 Unit 140B

San Juan 27-4 Unit 141M

San Juan 27-4 Unit 147Y

San Juan 27-4 Unit 153B

San Juan 27-4 Unit 22M

San Juan 27-4 Unit 38P

San Juan 27-4 Chili Son

San Juan 27-4 Unit 41N San Juan 27-4 Unit 42N

San Juan 27-4 Unit 569N

San Juan 27-4 Unit 59N

San Juan 27-4 Unit 60M

San Juan 27-5 Unit 113F

San Juan 27-5 Unit 59N

San Juan 27-5 Unit 84N

San Juan 27-5 unit 901

San Juan 27-5 Unit 902

San Juan 27-5 Unit 903

San Juan 27-5 Unit 904

San Juan 27-5 Unit 905

San Juan 27-5 Unit 906

San Juan 27-5 Unit 907

San Juan 27-5 Unit 908

San Juan 27-5 Unit 909

San Juan 27-5 Unit 910

San Juan 27-5 Unit 912

San Juan 27-5 Unit 913

San Juan 27-5 Unit 914

San Juan 27-5 Unit 915

San Juan 27-5 Unit POW 916

San Juan 28-4 Unit 27M

San Juan 28-5 Unit 54F

San Juan 28-5 Unit 62E

San Juan 28-5 Unit 63M

San Juan 28-5 Unit 76N

San Juan 28-5 Unit 77N

San Juan 28-6 Unit 113N

San Juan 28-6 Unit 459S

San Juan 28-7 Unit 151E

San Juan 28-7 Unit 195P

San Juan 29-6 Unit 22N

San Juan 29-6 Unit 8M

San. Juan 29-7 Unit 30N

San Juan 29-7 Unit 57E

San Juan 29-7 unit 587

San Juan 29-7 Unit 588

San Juan 29-7 unit 589

San Juan 29-7 Unit 60N

San Juan 29-7 unit 67M

San Juan 29-7 Unit 70M

San Juan 29-7 Unit 7019

San Juan 30-5 Unit 27F

San Juan 30-5 Unit 71F

San Juan 30-5 Unit 73N

San Juan 30-6 Unit 441S

San Juan 31-6 Unit 24F

San Juan 31-6 Unit 27M

San Juan 31-6 Unit 31P

San Juan 31-6 Unit 39M

San Juan 31-6 Unit 3M

San Juan 31-6 Unit 45N

San Juan 31-6 Unit 49P

San Juan 31-6 Unit 4N

San Juan 31-6 Unit 4P

San Juan 31-6 Unit 6F

San Juan 31-6 Unit 7M

San Juan 31-6 Unit 8N

San Juan 32-7 Unit 18M

San Juan 32-7 Unit 19A

San Juan 32-7 Unit 71A

San Juan 32-7 Unit Com 20

San Juan 32-8 Unit 18N

San Juan 32-8 Unit 30M

San Juan 32-8 Unit 49M

Storey B LS 100

Storey B LS 100S

Sunray E 221S

Sunray G 2C

Vaughn 15N

Wood 3M

Wood 3N

Crystal L. Tafoya Regulatory Technician ConocoPhillips Company San Juan Business Unit

Phone: (505) 326-9837

Email: Crystal.Tafoya@conocophillips.com

<u>DISTRICT 1</u> 1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005

<u>DISTRICT II</u> 1301 V. Grand Avenue, Artesia, N.M. 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

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

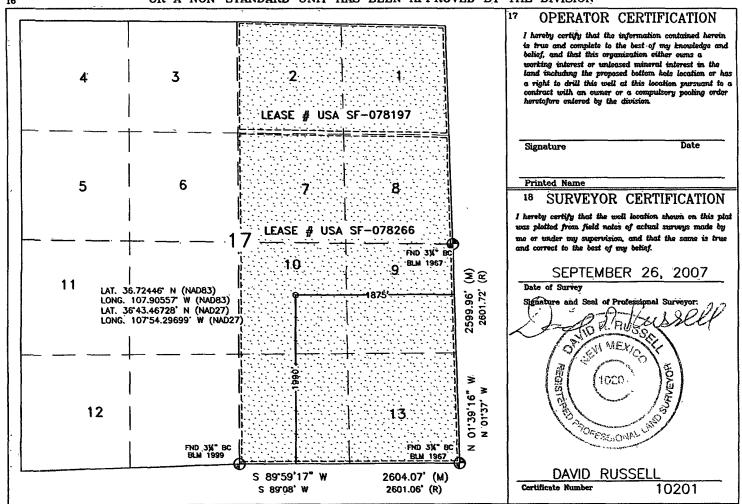
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	² Pool: Name
		BASIN DAKOTA, BLANCO MESA VERDE
*Property Code	⁵ Property Name	⁶ Well Number
727616, 725977	WOOD	3 N
OGRID No.	⁶ Operator Name	⁹ Elevation
	BURLINGTON RESOURCES OIL AND GAS CO	MPANY LP 5743'

¹⁰ Surface Location

					Oux 1000	20000000			
UL or lot no. J	Section 17	Township 29N	Range 10W	Lot Idn 10	Feet from the 1990'	North/South line SOUTH	Feet from the 1875'	East/West line EAST	County SAN JUAN
			11 Bott	om Hole	Location I	f Different Fr	om Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acre	3		¹³ Joint or	Infill	¹⁴ Consolidation (Code	¹⁵ Order No.		
305.68	Acres -	(E/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



LATITUDE: 36 72446°N LONGITUDE: 107.90557°W DATUM: NAD 83

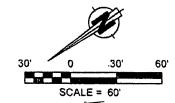
SLOPES TO BE CONSTRUCTED TO MATCH THE ORIGINAL CONTOURS AS CLOSE AS POSSIBLE.

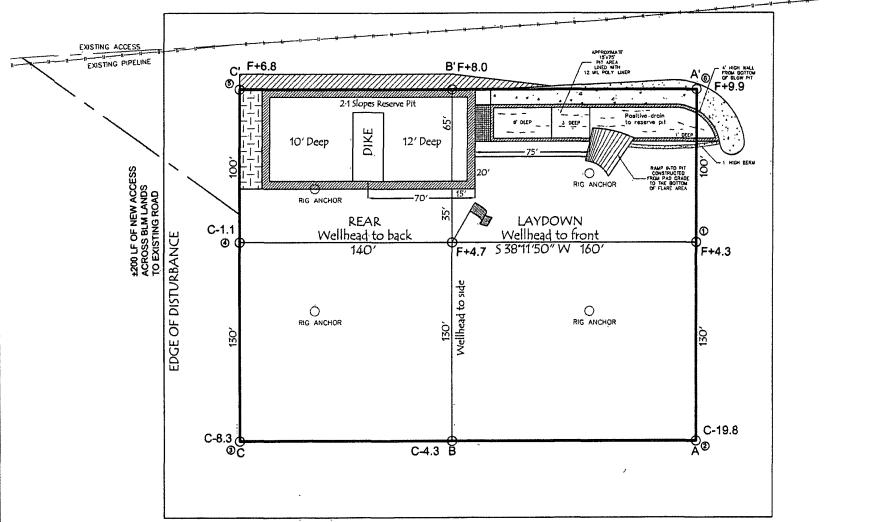
BURLINGTON RESOURCES O&G CO LP

WOOD #3N 1990' FSL & 1875' FEL

LOCATED IN THE NW/4 SE/4 OF SECTION 17. T29N, R10W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO **GROUND ELEVATION: 5743', NAVD 88** FINISHED PAD ELEVATION: 5747.6', NAVD 88





SCALE: 1" = 60' JOB No.: COPC114 DATE: 10/04/07

NOTE: 330' x 400' = 3.03 ACRES OF DISTURBANCE RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' MIDE 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



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillip <u>s</u>	Project #:	96052-0026
Sample ID:	Wood #3N	Date Reported:	08-29-08
Laboratory Number:	46887	Date Sampled:	08-22-08
Chain of Custody No:	5066	Date Received [.]	08-22-08
Sample Matrix:	Soil	Date Extracted ⁻	08-27-08
Preservative:		Date Analyzed:	08-28-08
Condition.	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	
Gasoline Range (C5 - C10)	ND	0.2	
Diesel Range (C10 - C28)	10.5	0.1	
Total Petroleum Hydrocarbons	10.5	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.

Muster of Warters



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #.	96052-0026
Sample ID:	Wood #3N Background	Date Reported:	08-29-08
Laboratory Number.	46888	Date Sampled:	08-22-08
Chain of Custody No:	5066	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted.	08-27-08
Preservative:		Date Analyzed:	08-28-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	
Gasoline Range (C5 - C10)	ND ND	0.2	
Diesel Range (C10 - C28)	1.2	0.1	
Total Petroleum Hydrocarbons	1.2	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

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client [.]	QA/QC		Project #.		N/A
Sample ID [.]	08-28-08 QA/Q	C.	Date Reported.		08-29-08
Laboratory Number [.]	46887		Date Sampled ⁻		N/A
Sample Matrix;	Methylene Chlori	de	Date Received:		N/A
Preservative.	N/A		Date Analyzed:		08-28-08
Condition.	N/A		Analysis Reques	ted:	TPH
Gasoline Range C5 - C10	1-Cal Date 05-07-07	9.9225E+002	9.9264E+002	% Difference 0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0556E+003	1.0561E+003	0.04%	0 - 15%
Blank Conc. (mg/L - mg/Kg)		Concentration		Detection Limit	<u>t</u>
Gasoline Range C5 - C10	en Walio e s'amin'ni di Malina/	ND	a 196 m (1965)	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	10.5	10.2	2.9%	0 - 30%	
			C WILL WAS A LINE WOMEN CON	What is a second of the second	//
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	245	98.0%	75 - 125%
Diesel Range C10 - C28	10.5	250	254	97.3%	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 46887 - 46894 and 46943.

Mustur m Well



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID	Wood #3N	Date Reported:	08-29-08
Laboratory Number:	46887	Date Sampled [.]	08-22-08
Chain of Custody	5066	Date Received:	08-22-08
Sample Matrix:	Soil	Date Analyzed:	08-28-08
Preservative:		Date Extracted:	08-27-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
_	4.0		
Benzene	1.6	0.9	
Toluene	7.2	1.0	
Ethylbenzene	4.4	1.0	
p,m-Xylene	26.0	1.2	
o-Xylene	7.7	0.9	
Total BTEX	46.9		

ND - Parameter not detected at the stated detection limit.

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

References:

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

December 1996.

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

USEPA, December 1996.

Comments:

Drilling Pit Sample.

Analyst m Wallen



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

ConocoPhillips	Project #:	96052-0026
Wood #3N Background	Date Reported:	08-29-08
46888	Date Sampled:	08-22-08
5066	Date Received [.]	08-22-08
Soil	Date Analyzed:	08-28-08
	Date Extracted:	08-27-08
Intact	Analysis Requested:	BTEX
	Wood #3N Background 46888 5066 Soil	Wood #3N Background Date Reported: 46888 Date Sampled: 5066 Date Received: Date Analyzed: Date Extracted:

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
_	ND	0.0	
Benzene	ND	0.9	
Toluene	12.3	1.0	
Ethylbenzene	6.7	1.0	
p,m-Xylene	16.3	1.2	
o-Xylene	7.2	0.9	
Total BTEX	42.5		

ND - Parameter not detected at the stated detection limit

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

References:

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

December 1996

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

USEPA, December 1996

Comments:

Drilling Pit Sample.

Analyst Muchan



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	N/A	Project #	N/A
Sample ID	08-28-BTEX QA/QC	Date Reported	08-29-08
Laboratory Number	46887	Date Sampled.	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative	N/A	Date Analyzed ¹	08-28-08
Condition	N/A	Analysis	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF.	C-Call RF: Accept: Rang	%Diff: 300 je 0 - 15%	Blank Conc	Detect Limit
Benzene	8 1477E+007	8 1641E+007	0.2%	ND	0.1
Toluene	6 1906E+007	6 2030E+007	0.2%	ND	0.1
Ethylbenzene	4 9766E+007	4 9866E+007	0.2%	ND	0.1
p,m-Xylene	1 0274E+008	1 0294E+008	0.2%	ND	0.1
o-Xylene	4 7617E+007	4 7712E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample Du	uplicate	%Diff.	Accept Range	Detect Limit
Benzene	1.6	1.3	18.8%	0 - 30%	0.9
Toluene	7.2	6.7	6.9%	0 - 30%	1.0
Ethylbenzene	4.4	4.3	2.3%	0 - 30%	1.0
p,m-Xylene	26.0	24.0	7.7%	0 - 30%	1.2
o-Xylene	7.7	7.5	2.6%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample Amou	unt Spiked Spik	ed Sample	% Recovery	Accept Range
Benzene	1.6	50.0	51.2	99.2%	39 - 150
Toluene	7.2	50.0	55.2	96.5%	46 - 148
Ethylbenzene	4.4	50.0	51.4	94.5%	32 - 160
p,m-Xylene	26.0	100	120	95.2%	46 - 148
o-Xylene	7.7	50.0	52.7	91.3%	46 - 148
• • •	7.7	50.0	52.7	91.3%	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 46887 - 46894 and 46943.

Analyst



TRACE METAL ANALYSIS

ConocoPhillips	Project #:	96052-0026
Wood #3N	Date Reported·	09-03-08
46887	Date Sampled:	08-22-08
5066	Date Received ¹	08-22-08
Soil	Date Analyzed.	09-02-08
	Date Digested [.]	09-02-08
Intact	Analysis Needed.	Total Metals
	Wood #3N 46887 5066 Soil	Wood #3N Date Reported: 46887 Date Sampled: 5066 Date Received: Soil Date Analyzed. Date Digested:

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.114	0.001	5.0
Barium	24.0	0.001	100
Cadmium	0.001	0.001	1.0
Chromium	0.377	0.001	5.0
Lead	0.326	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.010	0.001	1.0
Silver	ND	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 Emmision

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



TRACE METAL ANALYSIS

ConocoPhillips	Project #:	96052-0026
Wood #3N Background	Date Reported [.]	09-03-08
46888	Date Sampled [.]	08-22-08
5066	Date Received.	08-22-08
Soil	Date Analyzed:	09-02-08
	Date Digested:	09-02-08
Intact	Analysis Needed:	Total Metals
	Wood #3N Background 46888 5066 Soil	Wood #3N Background 46888 Date Sampled 5066 Date Received. Soil Date Analyzed: Date Digested:

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.083	0.001	5.0
Barium	6.54	0.001	100
Cadmium	0.014	0.001	1.0
Chromium	0.292	0.001	5.0
Lead	0.120	0.001	5.0
Mercury	0.001	0.001	0.2
Selenium	ND	0.001	1.0
Silver	ND	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 Emmision

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

Mother Weelers
Review



TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client		QA/QC		Project #.			QA/QC
Sample ID		09-02 TM (QA/AC	Date Rep	orted [.]		09-03-08
Laboratory Number		46887		Date Sam	pled		N/A
Sample Matrix.		Soil		Date Rece	eived		N/A
Analysis Requested		Total RCR/	A Metals	Date Anal	yzed		09-02-08
Condition:		N/A		Date Dige	sted		09-02-08
Blank & Duplicate			Detection	Sample	Duplicate	%***	Acceptance
Conc. (mg/Kg) B	lank (mg/K	g) Blank	Limit	Asset 1		Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.114	0.111	2.7%	0% - 30%
Barium	ND	ND	0.001	24.0	23.8	0.8%	0% - 30%
Cadmium	ND	ND	0.001	0.001	0.001	8.3%	0% - 30%
Chromium	ND	ND	0.001	0.377	0.375	0.5%	0% - 30%
Lead	ND	ND	0.001	0.326	0.325	0.3%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.010	0.008	22.7%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Spike		Spike	Sample	Spiked	Percent		Acceptance
Conc (mg/Kg)		Added		Sample	3 4 4 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		Range
Arsenic		0.250	0.114	0.332	91.3%		80% - 120%
Barium		0.500	24.0	23	94.6%		80% - 120%
Cadmium		0.250	0.001	0.268	107%		80% - 120%
Chromium		0.500	0.377	0.827	94.3%		80% - 120%
Lead		0.500	0.326	0.809	98.0%		80% - 120%
Mercury		0.100	ND	0.003	90.5%		80% - 120% 80% - 120%
Mercury		0.100	110	0.001	30.370		00/0 - 120/0

ND - Parameter not detected at the stated detection limit

References

Selenium

Silver

Method 3050B, Acid Digestion of Sediments, Sludges and Soils

0.010

ND

SW-846, USEPA, December 1996

0.100

0.100

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision

0.112

0.097

102%

96.9%

80% - 120%

80% - 120%

Spectorscopy, SW-846, USEPA, December 1996

Comments:

QA/1QC for Samples 46887 - 46894 and 46928 - 46929.

Analyst



CATION / ANION ANALYSIS

Client.	ConocoPhillips	Project #	96052-0026
Sample ID:	Wood #3N	Date Reported:	09-03-08
Laboratory Number:	46887	Date Sampled:	08-22-08
Chain of Custody:	5066	Date Received [.]	08-22-08
Sample Matrix	Soil Extract	Date Extracted:	08-27-08
Preservative ⁻		Date Analyzed:	08-28-08
Condition	Intact		

Parameter	Analytical Result	Units		
pH	8.41	S.U.		
Conductivity @ 25° C	2,130	umhos/cm		
Total Dissolved Solids @ 180C	1,330			
_	•	mg/L		
Total Dissolved Solids (Calc)	1,092	mg/L		
SAR	4.4	ratio		
Total Alkalinity as CaCO3	294	mg/L		
Total Hardness as CaCO3	435	mg/L		
Bicarbonate as HCO3	294	mg/L	4.82	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	0.200	mg/L	0.00	meq/L
Nitrite Nitrogen	0.004	mg/L	0.00	meq/L
Chloride	393	mg/L	11.09	meq/L
Fluoride	0.465	mg/L	0.02	meq/L
Phosphate	0.500	mg/L	0.02	meq/L
Sulfate	118	mg/L	2.46	meq/L
Iron	0.005	mg/L	0.00	meq/L
Calcium	161	mg/L	8.03	meq/L
Magnesium	7.99	mg/L	0.66	meq/L
Potassium	22.2	mg/L	0.57	meq/L
Sodium	210	mg/L	9.14	meq/L
Cations			18.39	meq/L
Anions			18.41	meq/L
Cation/Anion Difference			0.06%	

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

Moster Moceters
Review



CATION / ANION ANALYSIS

Client.	ConocoPhillips	Project #.	96052-0026
Sample ID [.]	Wood #3N Background	Date Reported:	09-03-08
Laboratory Number.	46888	Date Sampled:	08-22-08
Chain of Custody	5066	Date Received	08-22-08
Sample Matrix.	Soil Extract	Date Extracted [.]	08-27-08
Preservative:		Date Analyzed:	08-28-08
Condition ⁻	Intact	•	

	Analytical			, , , , , , , , , , , , , , , , , , , ,
Parameter	Result	Units		
рН	6.90	s.u.		
Conductivity @ 25° C	2,430	umhos/cm		
Total Dissolved Solids @ 180C	1,860	mg/L		
Total Dissolved Solids (Calc)	1,574	mg/L		
SAR	0.1	ratio		
Total Alkalinity as CaCO3	43.0	mg/L		
Total Hardness as CaCO3	1,140	mg/L		
Bicarbonate as HCO3	43.0	mg/L	0.70	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	0.400	mg/L	0.01	meq/L
Nitrite Nitrogen	0.001	mg/L	0.00	meq/L
Chloride	4.78	mg/L	0.13	meq/L
Fluoride	1.48	mg/L	0.08	meq/L
Phosphate	<0.01	mg/L	0.00	meq/L
Sulfate	1,080	mg/L	22.49	meq/L
Iron	0.025	mg/L	0 00	meq/L
Calcium	434	mg/L	21.66	meq/L
Magnesium	13.9	mg/L	1.14	meq/L
Potassium	2.29	mg/L	0.06	meq/L
Sodium	11.2	mg/L	0.49	meq/L
Cations			23.35	meq/L
Anions			23.41	meq/L
Cation/Anion Difference			0.27%	

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

Matter of Warters Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID.	Wood #3N	Date Reported:	09-02-08
Laboratory Number:	46887	Date Sampled:	08-22-08
Chain of Custody No:	5066	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted:	08-28-08
Preservative:		Date Analyzed:	08-28-08
Condition.	Intact	Analysis Needed:	TPH-418 1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

269

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418 1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Drilling Pit Sample.

Analyst

Muster Muceters Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client.	ConocoPhillips	Project #:	96052-0026
Sample ID.	Wood #3N Background	Date Reported:	09-02-08
Laboratory Number:	46888	Date Sampled:	08-22-08
Chain of Custody No:	5066	Date Received:	08-22-08
Sample Matrix:	Soil	Date Extracted:	08-28-08
Preservative.		Date Analyzed:	08-28-08
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

21.5

5.0

ND = Parameter not detected at the stated detection limit.

References.

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Drilling Pit Sample.

Analyst

Review Delen



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:

QA/QC

Project #.

N/A

Sample ID:

QA/QC

Date Reported:

08-28-08

Laboratory Number

08-28-TPH.QA/QC 46887

N/A

Sample Matrix:

Freon-113

Date Sampled:

Preservative:

N/A

Date Analyzed: Date Extracted:

08-28-08 08-28-08

Condition.

N/A

Analysis Needed¹

TPH

Calibration

I-Cal Date

C-Cal Date

al-Cal RF

C-Cal RF: % Difference

Accept. Range +/- 10%

08-22-08

08-28-08

1,680

1,610

4.2%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

TPH

16.8

Duplicate Conc. (mg/Kg)

Sample .

Duplicate

% Difference

Accept. Range +/- 30%

TPH

TPH

269

295

10.0%

91.7%

Spike Conc. (mg/Kg)

269

Sample Spike Added Spike Result % Recovery Accept Range 2,000

2,080

80 - 120%

ND = Parameter not detected at the stated detection limit.

References.

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

QA/QC for Samples 46887 - 46894 and 46843.

Analyst

Submit To Appropr Two Copies	iate District C	Office •		State of New Mexico								Form C-105						
District I 1625 N French Dr	5 N French Dr , Hobbs, NM 88240										July 17, 2008 1. WELL API NO.							
District II 1301 W Grand Ave				Oil Conservation Division								30-045-34655						
District III 1000 Rio Brazos Ro				1220 South St. Francis Dr.								2 Type of Lease						
District IV				Santa Fe, NM 87505								☐ STATE ☐ FEE ☒ FED/INDIAN 3 State Oil & Gas Lease No						
1220 S St Francis	<u> </u>										SF-078266							
WELL COMPLETION OR RECOMPLETION REPORT AND LOG									5 Lease Name or Unit Agreement Name									
4 Reason for file	ng									,		5 Lease Nam WOOD	e or l	Jnit Ag	reen	nent Name		
								6 Well Numb	er									
☐ C-144 CLOS	SURE ATT.	ACHMENT	Γ (Fill	ın boxe	s #1 thr	ough #9, #15 Da	ate Rig	Releas	sed a	and #32 and	/or	3N						
#33, attach this at		o the C-144	closure	e report	in accor	rdance with 19 1	5 17 1	3 K N	MAG	C)								
NEW V	WELL 🔲	WORKOVE	ER 🔲	DEEPE	ENING	□PLUGBACI	K 🔲 I	DIFFE	REN	NT RESERV	/OIR							
8 Name of Opera Burlington R		Oil Cas	Com	nany	ΙD							9 OGRID 14538						
10 Address of O		On Gas	Com	рану,	LI							11 Pool name	or W	'ıldcat				
PO Box 4298, Fa	rmington, N	IM 87499																
12.Location	Unit Ltr	Section	T	Towns	hıp	Range	Lot			Feet from t	he	N/S Line	Fee	t from	the	E/W Line		County
Surface:																		
вн:																		
13 Date Spudded	l 14 Date	TD Reach	ned	15 E 05/30		Released			16	Date Compl	leted	(Ready to Proc	luce)			Elevations GR, etc)	(DF	and RKB,
18 Total Measure	ed Depth of	Well		19 P	lug Bac	k Measured Dep	oth		20	Was Direct	tiona	l Survey Made	·	21			nd Otl	ner Logs Run
22 Producing Int	erval(s), of	this complet	ion - T	op, Bot	tom, Na	me					•			<u> </u>	-	<u></u>		
23	-				CAS	ING REC	ORI) (Re	enc	ort all st	rine	os set in w	ell)					
CASING SIZ	ZE	WEIGHT	LB/F			DEPTH SET				LE SIZE		CEMENTIN		CORE)	AMO	JNT I	PULLED
		<u>, , , , , , , , , , , , , , , , , , , </u>													_			
							-			•					+			
															╁			
24.	Tmon	,	Lpom	777014	LIN	ER RECORD	C) 100	Lacas		,	25							
SIZE	TOP		BOI	TOM		SACKS CEM	ENI	SCRI	EEN		217	SIZE DEPTH SET PACKER SET						K SE I
													+-					
26 Perforation	record (inte	rval, size, a	nd num	nber)		•						ACTURE, CE						
						-		DEP	TH I	INTERVAL		AMOUNT AND KIND MATERIAL USED						
28										ΓΙΟΝ								
Date First Produc	tion	Pi	roducti	on Metl	hod <i>(Fla</i>	owing, gas lift, p	umpinį	g - Size	e and	d type pump,)	Well Status	(Pro	d or S	hut-i	in)		
Date of Test	Hours T	ested	Cho	ke Size		Prod'n For Test Period		Oıl -	Bbl		Ga	s - MCF	W	ater - l	ВЫ	G	as - O	ıl Ratıo
Flow Tubing Press	Casing I	Pressure		alculated 24- Oil - Bbl Gas - MCF our Rate				- MCF	Water - Bbl Oil Gravity - A			nty - API -	(Corr)				
29 Disposition of	f Gas (Sold,	used for fue	l, vent	ed, etc)		L			• • • •				30	Test W	itnes	ssed By		
31 List Attachme	ents				,													
32 If a temporary	pit was use	ed at the we	l, attac	h a plat	with th	e location of the	tempo	orary pi	it									
33 If an on-site b	urial was us	sed at the wo	ell,/repo	ort the e	xact loc	ation of the on-	site bu	rial										
	C . 10 1	Latitude	36.72	4418%	Lo	ngitude 107.905	426°V	V NAI	D [1927 🖾 1	983			1	1	1 11.	-1:	
I hereby certif	inat the	injormat	ion sh Ma	10WN 6	<i>pn botl</i> Prir		jorm	i is tri	ие с	ипа сотр	iete	io ine best o	y my	кпоч	vied	ge ana b	енеј	
Signature	V\ <i>\\p</i>	עץ טע		w X	Nan	ne Marie E.	Jaran	nillo	1	itle: Sta	ff R	Regulatory To	ech	D	ate:	: 2/1/201	0	
E-mail Addre	ss marie.	e.jaramill	o(a)cc	onocor	milling	s.com												

V

ConocoPhillips

Pit Closure Form:	
Date: 1/23/09	
Well Name: Wood #3N	
Footages:	Unit Letter:
Section: 17, T-29-N, R-10-W, County	State: N.M.
Contractor Closing Pit: #2+-c	
Construction Inspector: Cric Smith	Date: 1/23/09
Inspector Signature: 55	

6

Jaramillo, Marie E

From: Silverman, Jason M < Jason M. Silverman@conocophillips com>

Sent: Friday, January 16, 2009 2:52 PM

To: Brandon Powell@state nm us <Brandon Powell@state.nm.us>; Mark Kelly

<Mark_Kelly@blm gov>, Robert Switzer <Robert_Switzer@blm gov>, Sherrie Landon

<Sherrie_Landon@blm gov>

Cc: 'Aztec Excavation' <aec11@earthlink net>, 'Randy Flaherty' <randyf@wildblue net>, Becker,

Joey W <Joe.W Becker@conocophillips com>, Bonilla, Amanda <Amanda Bonilla@conocophillips.com>, Bowker, Terry D <Terry D.Bowker@conocophillips com>; Busse, Dollie L <Dollie L.Busse@conocophillips com>; Chavez, Virgil E

<Virgil E Chavez@conocophillips com>, Gordon Chenault <gordon@ccinm com>, GRP·SJBU

Production Leads <SJBUProductionLeads@conocophillips.com>; Kennedy, Jim R

<JIM R Kennedy@conocophillips com>, Kramme, Jeff L

<Jeff L Kramme@conocophillips com>, Larry Thacker < Ithackerccinm@hotmail com>, Lopez,

Richard A <Rıchard A Lopez@conocophillips com>, Loudermilk, Jerry L

<Jerry L.Loudermilk@conocophillips com>, Nelson, Terry J

<Terry J Nelson@conocophillips com>, O'Nan, Mike J <Mike J.O'Nan@conocophillips com>,

Peace, James T < James T Peace@conocophillips.com>, Poulson, Mark E

<Mark E Poulson@conocophillips com>; Richards, Brian
<Brian Richards@conocophillips com>, Silverman, Jason M
<Jason.M.Silverman@conocophillips com>; Stamets, Steve A

<Steve.A Stamets@conocophillips com>; Work, Jim A <Jim A Work@conocophillips com>;

Art Sanchez <art9sranch@msn.com>, Faver Norman (faverconsulting@yahoo com)

<faverconsulting@yahoo com>, Jared Chavez <jared_chavez@live.com>, McDonald Johnny

(jr_mcdonald@msn.com) <jr_mcdonald@msn.com>, Rodney Woody

<rodney304@yahoo.com>; Scott Smith ; Smith Eric

(sconsulting.eric@gmail.com) <sconsulting eric@gmail.com>, Stan Mobley

<kyvekasm@qwestoffice.net>, Terry Lowe <loweconsulting@msn com>, Blair, Maxwell O

<Maxwell O Blair@conocophillips.com>, Blakley, Mac

<Maclovia.Blakley@conocophillips com>, Clark, Joni E <Joni E.Clark@conocophillips com>,

Cornwall, Mary Kay <Mary K Cornwall@conocophillips com>, Farrell, Juanita R

<Juanita R Farrell@conocophillips com>; Greer, David A
<David A Greer@conocophillips com>, Maxwell, Mary Alice
<Mary A.Maxwell@conocophillips com>, McWilliams, Peggy L
<Peggy L McWilliams@conocophillips com>, Seabolt, Elmo F

<Elmo F Seabolt@conocophillips.com>, Valencia, Desiree (SOS Staffing Services, Inc.)

<Desiree.Valencia@contractor conocophillips com>

Subject: Reclamation Notice Wood 3N

Importance: High

Attachments: Wood 3N.pdf

Aztec Excavation will move a tractor to the Wood 3N on Thursday, January 22nd, 2009 to start the reclamation process. Please contact Eric Smith (608-1387) in you have any questions or need additional information.

Wood 3N - BLM surface /BLM minerals

Burlington Resources Well- Network #10214422

San Juan County, NM 1990' FSL, 1875' FEL Sec. 17, T29N, R10W

Unit Letter 'J'

Lease #: USA SF-078266 API #: 30-045-34655

Latitude: 36° 43′ 28.05600″ N (NAD 83)

Longitude: 107° 54′ 20.05200″ W

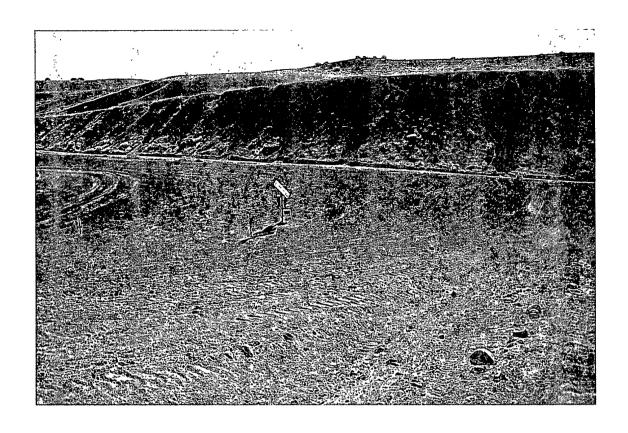
Jason Silverman
ConocoPhillips - SJBU
Construction Tech.
505-326-9821
Jason.M.Silverman@ConocoPhillips.com

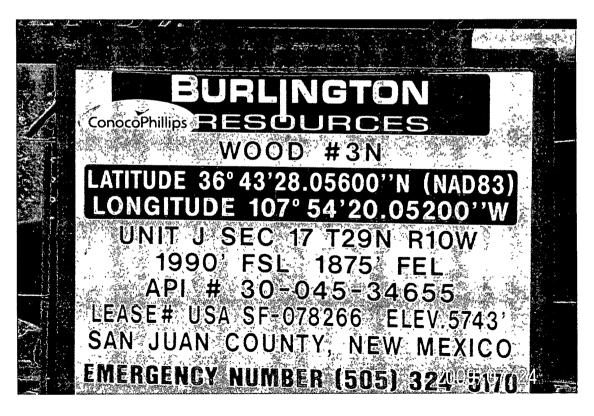
ConocoPhillips

Reclamation Form:		
Date: 2/25/09		
Well Name: Wood #-	3N.	_
Footages: 1990 &S	L 1875 fel	_ Unit Letter:
Section: 17, T-29.	N, R- <u>10</u> -W, County: <u>Sa</u>	Jugu State: W. M.
Reclamation Contractor:	Aztec	
Reclamation Date:	2/25/09	
Road Completion Date:	3/17/09	
Seeding Date:	3117109	
Construction Inspector:	Enc Smith	Date: 3/25/09
Inspector Signature:	E-01	









WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: Wood #3N API#: 30-045-34655

DATE	INSPECTOR	SAFETY CHECK	LOCATION	PICTURES TAKEN	COMMENTS
5/26/08	Jared Chavez			Х	H & P rig #283 is on location
6/2/08	Jared Chavez	X	X	X	Holes is liner and apron needs pulled, Bennett Construction is already scheduled for repairs
6/6/08	Jared Chavez	Х	Х	Х	Fence needs tightened, called MVCI
6/13/08	Jared Chavez	X	Х	Х	Holes in liner, called MVCI and Brandon with OCD
6/20/08	Jared Chavez	Х	X	Х	Holes in liner, called MVCI and Brandon with OCD
6/30/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
7/7/08	Jared Chavez	Х	Х	Х	Blow pit is burned, called Crossfire
7/15/08	Jared Chavez	Х	Х	Х	Pit and location in good condition
7/18/08	Jared Chavez			Х	Aztec rig 448 is on location
7/24/08	Jared Chavez	Х	Х	· X	Fence need tightened, and blow pit is burned, contacted Crossfire for repairs, and contacted OCD
8/1/08	Jared Chavez	X	Х	Х	Pit and location in good condition
8/8/08	Jared Chavez	X	X	X	Pit and location in good condition
8/15/08	Jared Chavez	X	Х	Х	Pit and location in good condition

8/28/08	Jared Chavez	X	X	Х	Pit and location in good condition
9/11/08	Jared Chavez	X	Х	Х	Pit and location in good condition
9/18/08	Jared Chavez	X	Х	Х	Blow pit needs cut out and rekeyed, contacted Crossfire for repairs
9/29/08	Jared Chavez	X	Χ	Х	Pit and location in good condition
10/22/08	Jared Chavez	X	Х	X	Hole in the liner and blow pit needs re-keyed, contacted Crossfire for repairs
12/3/08	Jared Chavez	X	Х	Х	Fence needs tightened, contacted Crossfire for repairs
12/9/08	Jared Chavez	Х	Х	Х	Fence needs tightened, contacted Crossfire for repairs
1/20/09	Jared Chavez	X	X	Х	Pit and location in good condition
1/2709	Jared Chavez				Location has been reclaimed

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