District I

1625 N. French Dr., Hobbs, NM 88240

District II

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1301 W. Grand Ave., Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

District III

District IV

State of New Mexico Energy Minerals and Natural Resources

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

July 21, 2008 For temporary pits, closed-loop sytems, and below-grade

Form C-144

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

1220 S. St. Francis Dr., Santa Fe, NM 87505	appropriate NMOCD District Office.
	m, Below-Grade Tank, or
Proposed Alternative Method	l Permit or Closure Plan Application
	system, below-grade tank, or proposed alternative method system, below-grade tank, or proposed alternative method
Modification to an existing p	permit
Closure plan only submitted below-grade tank, or propose	for an existing permitted or non-permitted pit, closed-loop system, ed alternative method
Instructions: Please submit one application (Form C-144) per indi	ividual pit, closed-loop system, below-grade tank or alternative request
	liability should operations result in pollution of surface water, ground water or the y with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Burlington Resources Oil & Gas Company, LP	OGRID#: <u>14538</u>
Address: P.O. Box 4289, Farmington, NM 87499	
Facility or well name: SAN JUAN 27-4 UNIT 41N	
API Number: 30-039-30213	OCD Permit Number:
U/L or Qtr/Qtr: <u>F(SE/NW)</u> Section: <u>7</u> Township: <u>27N</u>	
Center of Proposed Design: Latitude: 36.59073 °N	Longitude: 107.29367 °W NAD: 1927 X 1983
Surface Owner: X Federal State Private	Tribal Trust or Indian Allotment
Permanent Emergency Cavitation P&A X Lined Unlined Liner type: Thickness 20 m X String-Reinforced Liner Seams: X Welded X Factory Other	X LLDPE HDPE PVC Other Volume: 4400 bbl Dimensions L 65' x W 45' x D 10'
Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover notice of Drying Pad Above Ground Steel Tanks Haul-off Bins Lined Unlined Liner type: Thickness mil Liner Seams: Welded Factory Other	Other
Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: bbl Type of fluid:	liner, 6-inch lift and automatic overflow shut-off Other Other Other
Tank Construction material: Secondary containment with leak detection Visible sidewalls, leading to the sidewalls of the sidewall of the	liner, 6-inch lift and automatic overflow shut-off
	Other
Liner Type: Thickness mil HDPE PV	VC Other
5 Alternative Method: Submittal of an expertion request is required. Expertions must be submitted	to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify					
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)					
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					
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration (Fencing/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	leration of app	roval.			
Siting Criteria (regarding permitting) 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.					
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	□No			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - 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.	Yes	□No			
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□NA				
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐Yes ☐NA	No			
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	No			
- NM Office of the State Engineer - iWATERS 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 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 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. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	No			
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes	□No			
Within a 100-year floodplain	Yes	∐No			

Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API or Permit
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
Treviously Approved operating and Waintenance Flair Art
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H2S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
14 B 10.15.17.12.114.0
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 facilities are required.	9			
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 nbe 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 N 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	NMAC			
17 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	w. 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 Soffice 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 - iWATERS database search; USGS; Data obtained from nearby wells	N/A			
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	l m., m.,			
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. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources: USGS; NM Geological Society;	Yes No			
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. Please indicate, by a check mark in the box, that the documents are attached.				
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC				
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC				
Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC				
Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC				
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC				
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC				
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC				
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standar	ds 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 Co. 19.15.17.13 NMAC				

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: 12/30/10 Title: 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: June 20, 2008
22 Closure Method: Waste Excavation and Removal Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain.
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized. Disposal Facility Name: Disposal Facility Permit Number: Disposal Facility Name: Disposal Facility Permit Number: Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Yes (If yes, please demonstrate complitant to the items below) Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique
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: 36.590832 °N Longitude: 107.293863 °W NAD 1927 X 1983
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): Signature: Date: marie,e_jaramillo@conocophillips.com Telephone: 505-326-9865

Form C-144

Oil Conservation Division

Page 5 of 5

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

Lease Name: SF-080673 API No.: 30-039-30213

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	1.4 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	94.2 ug/kG
TPH	EPA SW-846 418.1	2500	960mg/kg
GRO/DRO	EPA SW-846 8015M	500	52.5 mg/Kg
Chlorides	EPA 300.1	(1000)500	181 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, SAN JUAN 27-4 UNIT 41N, UL-F, Sec. 7, T 27N, R 4W, API # 30-039-30213

Tafoya, Crystal

From:

Tafoya, Crystal

Sent:

Thursday, July 10, 2008 8:16 AM

To:

'mark_kelly@nm.blm.gov'

Subject:

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

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

DISTRICT III 1000 Rio Bruzos Rd., Astec, N.M. 87410

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

DISTRICT II 811 South First, Artesia, N.M. 88210

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

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

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87805

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	*Pool Code	*Pool Name DAKOTA	
*Property Code	⁰ Property Name SAN JUAN 27-4 UNIT		• Wall Number 41 N
*OGRED No.	· ·	erator Name SOURCES O&G CO LP	* Revation 6925

10 Surface Location

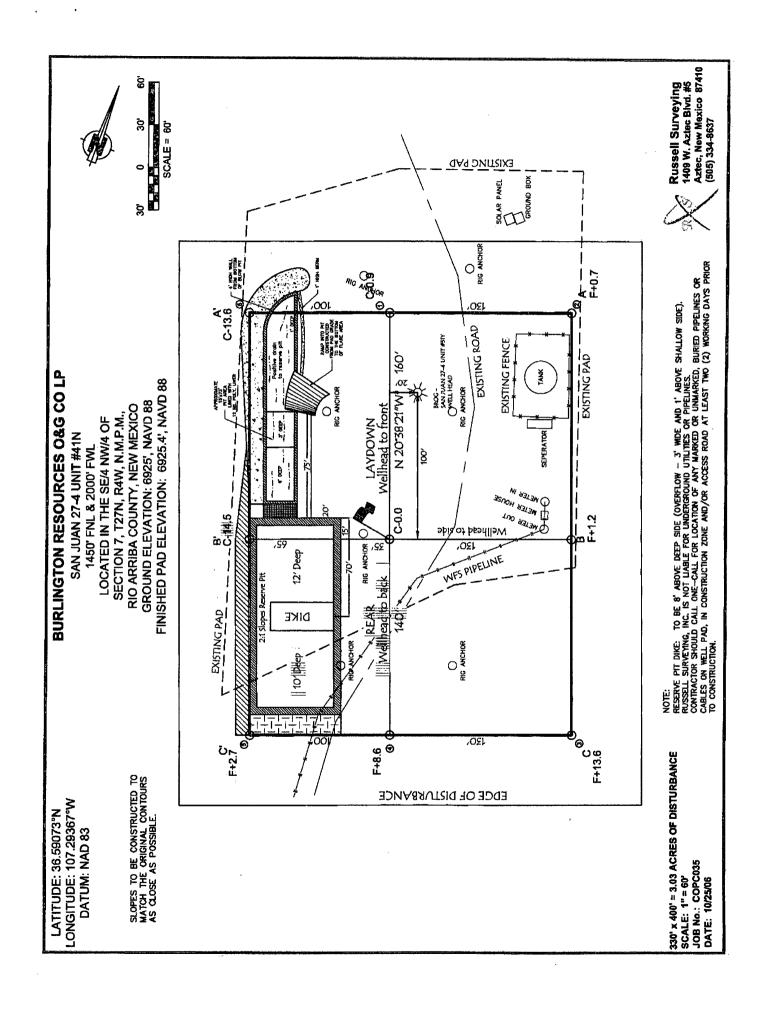
	UL or lot no.	Section	Township	Range	Lot ldn	Foet from the	North/South line	Feet from the	East/West line	County	ĺ
Į	F	7	27N	4W		1450'	NORTH	2000	WEST	RIO ARRIBA	į

11 Rottom Hole Location If Different From Surface

bottom more absorbed it different from buildie						
Ill. or lot no. Section Township	Range Lot Idn	Feet from the North/South line	Fest from the East/West line Count	.y		
	_	· ·		·		
L						
^m Dedicated Acres	ts Joint or infili	⁵⁴ Consolidation Code	B-Order No.			
1						
319.37 Acres - (W/2)			ł	İ		
, , ,			i e	1		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

	OR A NON-ST	ANDARD UNIT HAS	BEEN APPROVED	BY THE DIVISION
SHALE PROPORTIONED.	S 88'4	7 ⁷ 31" W 5158.56' S7 5298.48'		17 OPERATOR CERTIFICATION I hereby cartify that the information conducted herein to tree and complete to the best of vity hencelooks and halley
SAN JUAN 27-4	UNIT #31Y	: 	 	Signature Printed Name
2000		LAT. 36.59073" N (NAD LONG. 107.29367" W (F	83)	
€		LAT. 36'35.44324 N (N	j .	Title
22.815.2		LONG. 107"17.58421 W	(NAO 27)	Dete
8 8 · · · · · · · · · · · · · · · · · ·		ن	l.	18 SURVEYOR CERTIFICATION
LEASE # USA	SF-080673-	□ 7 □		I hereby correctly that the until location shown on this plants plated from field notes of actual sciences made by me or under my supervision, and that the same is true and correct to the best of my belief. SEPTEMBER 30, 2006
8 E			1	Date of Survey
10 10 10 10 10 10 10 10 10 10 10 10 10 1				Stemstone and Saal of Proteopenal Surveyor
PNO 3 1/4 BC				DAVID RUSSELL Cartificate Russber 10201





EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 27-4 #41N	Date Reported:	07-01-08
Laboratory Number:	46043	Date Sampled:	06-20-08
Chain of Custody No:	4390	Date Received:	06-20-08
Sample Matrix:	Soil	Date Extracted:	06-26-08
Preservative:		Date Analyzed:	06-27-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	25.0	0.2
Diesel Range (C10 - C28)	27.5	0.1
Total Petroleum Hydrocarbons	52.5	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.

Analyst

Anstrum Destan



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 27-4 #41N Background	Date Reported:	07-01-08
Laboratory Number:	46044	Date Sampled:	06-20-08
Chain of Custody No:	4390	Date Received:	06-20-08
Sample Matrix:	Soil	Date Extracted:	06-26-08
Preservative:		Date Analyzed:	06-27-08
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)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Drilling Pit Sample.

Analyst

Review 1 Daster



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-27-08 QA/QC	Date Reported:	07-01-08
Laboratory Number:	46036	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-27-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	05-07 - 07	9.8440E+002	9.8480E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.8044E+002	9.8083E+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	118	117	0.6%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	253	101%	75 - 125%
Diesel Range C10 - C28	118	250	359	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 46036 - 46041 and 46043 - 46046.

Analyst



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 27-4 #41N	Date Reported:	07-01-08
Laboratory Number:	46043	Date Sampled:	06-20-08
Chain of Custody:	4390	Date Received:	06-20-08
Sample Matrix:	Soil	Date Analyzed:	06-27-08
Preservative:		Date Extracted:	06-26-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	1.4	1.0
Ethylbenzene	1.8	1.0
p,m-Xylene	66.9	1.2
o-Xylene	24.1	0.9
Total BTEX	94.2	

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

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 27-4 #41N Background	Date Reported:	07-01-08
Laboratory Number:	46044	Date Sampled:	06-20-08
Chain of Custody:	4390	Date Received:	06-20-08
Sample Matrix:	Soil	Date Analyzed:	06-27-08
Preservative:		Date Extracted:	06-26-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	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

Christian Waster



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Sample ID: Laboratory Number: Sample Matrix: Preservative:	N/A 06-27-BT QA/QC 46036 Soil N/A	Project #: Date Reported: Date Sampled: Date Received: Date Analyzed:	N/A 07-01-08 N/A N/A 06-27-08
Condition:	N/A	Date Analyzed:	06-27-08
	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I≗Cal≀RF;	C-Cal RF: Accept, Rang	%Diff. e 0 = 15%	Blank Conc	Detect. Limit	
Benzene	1.5625E+007	1.5656E+007	0.2%	ND	0.1	
Toluene	1.3054E+007	1.3080E+007	0.2%	ND	0.1	
Ethylbenzene	9.1646E+006	9.1830E+006	0.2%	ND	0.1	
p,m-Xylene	2.1626E+007	2.1670E+007	0.2%	ND	0.1	
o-Xylene	8.5297E+006	8.5468E+006	0.2%	ND	0.1	

Duplicate Conc. (ug/Kg)	Sample Di	uplicate	%Diff	Accept Range	Detect. Limit
Benzene	1.1	1.2	9.1%	0 - 30%	0.9
Toluene	2.9	3.2	10.3%	0 - 30%	1.0
Ethylbenzene	6.1	6.2	1.6%	0 - 30%	1.0
p,m-Xylene	11.2	11.4	1.8%	0 - 30%	1.2
o-Xylene	4.5	4.7	4.4%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample Amo	iunt Spiked - Spik	ed Sample	% Recovery	Accept Range
Benzene	1.1	50.0	50.6	99.0%	39 - 150
Toluene	2.9	50.0	52.3	98.9%	46 - 148
Ethylbenzene	6.1	50.0	55.9	99.6%	32 - 160
o,m-Xylene	11.2	100	108	97.3%	46 - 148
o-Xylene	4.5	50.0	54.4	99.8%	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 46036 - 46041 and 46043 - 46046.

Analyst

<u> huster m Walter</u> Beview



TRACE METAL ANALYSIS

0.2

1.0

5.0

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 27-4 #41N	Date Reported:	07-01-08
Laboratory Number:	46043	Date Sampled:	06-20-08
Chain of Custody:	4390	Date Received:	06-20-08
Sample Matrix:	Soil	Date Analyzed:	06-27-08
Preservative:		Date Digested:	06-26-08
Condition:	Intact	Analysis Needed:	Total Metals
	Concentration	Det. Limit	TCLP Regulatory Level
Parameter	(mg/Kg)	(mg/Kg)	(mg/Kg)
Arsenic	0.129	0.001	5.0
Arsenic Barium	0.129 5.96	0.001 0.001	5.0 100
Barium	··	*****	**-
Arsenic Barium Cadmium Chromium	5.96	0.001	100

ND - Parameter not detected at the stated detection limit.

ND

ND

0.007

References:

Silver

Mercury

Selenium

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

0.001 0.001

0.001

0.001

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

Client:	CanacaPhilling	Project #:	96052-0026
	ConocoPhillips	•	
Sample ID:	SJ 27-4 #41N Background	Date Reported:	07-01-08
Laboratory Number:	46044	Date Sampled:	06-20-08
Chain of Custody:	4390	Date Received:	06-20-08
Sample Matrix:	Soil	Date Analyzed:	06-27-08
Preservative:		Date Digested:	06-26-08
Condition:	Intact	Analysis Needed:	Total Metals

	Concentration	Det. Limit	TCLP Regulatory Level
Parameter	(mg/Kg)	(mg/Kg)	(mg/Kg)
Arsenic	0.094	0.001	5.0
Barium	5.57	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.291	0.001	5.0
Lead	0.039	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.
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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 Mexica Western Review



TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:		QA/QC		Project #:			QA/QC
Sample ID:		06-27 TM	QA/AC	Date Reported:			07-01-08
_aboratory Number	r:	46036		Date Sampled:		N/A	
Sample Matrix:		Soil		Date Received:			N/A
Analysis Requeste	d:	Total RCR	A Metals	Date Analyzed:			06-27-08
Condition:		N/A		Date Dige	ested:		06-26-08
Blank & Duplicate Conc. (mg/Kg)	Instrumer Blank (mg/)	中央管理管理を記載している。中央管理を持ちます。	Detection Limit	CONTROL OF THE STATE OF THE STA	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.185	0.183	1.3%	0% - 30%
Barium	ND	ND	0.001	9.43	9.38	0.5%	0% - 30%
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.252	0.248	1.5%	0% - 30%
Lead	ND	ND	0.001	0.385	0.387	0.4%	0% - 30%
Viercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.021	0.021	1.9%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Spike		Spike	Sampl	e Spiked	Percent		Acceptance
Conc. (mg/Kg)	i den de la companya	Added		Sample	Recovery		Range
Arsenic		0.250	0.185	0.485	111%		80% - 120%
Barium		0.500	9.43	9.41	94.8%		80% - 120%
Cadmium		0.250	ND	0.294	118%		80% - 120%
Chromium		0.500	0.252	0.760	101%		80% - 120%
_ead		0.500	0.385	0.855	96.6%		80% - 120%
Mercury		0.100	ND	0.118	118%		80% - 120%
Selenium		0.100	0.021	0.104	86.0%		80% - 120%
Silver		0.100	ND	0.086	85.6%		80% - 120%
ND - Parameter no	t detected at	the stated det	ection limit.				
References:		50B, Acid Dig		ments, Sludges	and Soils.		
		10B, Analysis opy, SW-846,	•	Inductively Cou mber 1996.	pled Plasma At	omic Emmi	sion
Comments:	QA/QC f	or Samples	46036 - 46	041and 4604	3 - 46046.		
				Char	alu n	1.100	1-0.
Analyst				Review	udal I I	المكافحة الم	<u> </u>
				(ブニニ			



CATION / ANION ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 27-4 #41N	Date Reported:	07-01-08
Laboratory Number:	46043	Date Sampled:	06-20-08
Chain of Custody:	4390	Date Received:	06-20-08
Sample Matrix:	Soil Extract	Date Extracted:	06-26-08
Preservative:		Date Analyzed:	06-27-08
Condition:	Intact		

	Analytical			-14.4
Parameter	Result	Units		
pH	6.63	s.u.		
Conductivity @ 25° C	962	umhos/cm		
Total Dissolved Solids @ 180C	444	mg/L		
Total Dissolved Solids (Calc)	441	mg/L		
SAR	6.1	ratio		
Total Alkalinity as CaCO3	49.0	mg/L		
Total Hardness as CaCO3	75.9	mg/L		
Bicarbonate as HCO3	49.0	mg/L	0.80	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	0.4	mg/L	0.01	meq/L
Nitrite Nitrogen	<0.01	mg/L	0.00	meq/L
Chloride	181	mg/L	5.11	meq/L
Fluoride	0.88	mg/L	0.05	meq/L
Phosphate	2.80	mg/L	0.09	meq/L
Sulfate	60.5	mg/L	1.26	meq/L
Iron	0.408	mg/L	0.01	meq/L
Calcium	19.9	mg/L	0.99	meq/L
Magnesium	6.41	mg/L	0.53	meq/L
Potassium	16.0	mg/L	0.41	meq/L
Sodium	123	mg/L	5.35	meq/L
Cations			7.29	meg/L
Anions			7.31	meq/L
Cation/Anion Difference			0.24%	

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

(Misthe mldceler Review



CATION / ANION ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	SJ 27-4 #41N Background	Date Reported:	07-01-08
Laboratory Number:	46044	Date Sampled:	06-20-08
Chain of Custody:	4390	Date Received:	06-20-08
Sample Matrix:	Soil Extract	Date Extracted:	06 - 26-08
Preservative:		Date Analyzed:	06-27-08
Condition:	Intact		

	Analytical			
Parameter	Result	Units		
рН	8.27	s.u.		
Conductivity @ 25° C	305	umhos/cm		
Total Dissolved Solids @ 180C	161	mg/L		
Total Dissolved Solids (Calc)	157	mg/L		
SAR	5.3	ratio		
Total Alkalinity as CaCO3	147	mg/L		
Total Hardness as CaCO3	17.1	mg/L		
Bicarbonate as HCO3	147	mg/L	2.41	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	0.7	mg/L	0.01	meq/L
Nitrite Nitrogen	<0.01	mg/L	0.00	meq/L
Chloride	0.397	mg/L	0.01	meq/L
Fluoride	0.217	mg/L	0.01	meq/L
Phosphate	<0.1	mg/L	0.00	meq/L
Sulfate	7.11	mg/L	0.15	meq/L
Iron	0.228	mg/L	0.01	meq/L
Calcium	5.98	mg/L	0.30	meq/L
Magnesium	0.537	mg/L	0.04	meq/L
Potassium	1.85	mg/L	0.05	meq/L
Sodium	50.4	mg/L	2.19	meq/L
Cations			2.59	meq/L
Anions			2.59	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

Muste mwelter Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Burlington

Project #:

92115-1221

Sample No.: Sample ID:

Date Reported:

4/14/2010

Sample Matrix:

Soil

Date Sampled: Date Analyzed: 4/9/2010 4/9/2010

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

5 pt Composite

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

Total Petroleum Hydrocarbons

960

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:

San Juan 27-4 Unit 41N

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Barian Williamson

Printed

Printed

Sherry Auckland



CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal. Date:

9-Apr-10

Parameter	Standard Concentration mg/L	Concentration Reading mg/L	
ТРН	100		
	203	206	
	500		
	1000		

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

4-14-10 Analyst Date

Barian Williamson

Print Name

Mynn Meddyl Review 4//4//O Date

Sherry Auckland

Print Name

Two Copies	riate Distric	t Office		State of New Mexico								Form C-105										
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8. Name of Open	ator											9. OGRID				-						
10. Address of O	perator			npany,	LF								e or	Wil	dcat	_						
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						<u>.</u>	-					<u> </u>				+						
24.					LIN		l															
SIZE	TOP		BC	ттом		SACKS CEM	1ENT	SCREE	N		SIZ	E ·	+	DE	PTHS	SET		PACKI	ER SET			
																_						
26. Perforation	record (in	iterval, siz	ze, and ni	ımber)							FRA											
				:																		
28.							PRO	DDUC	T	ION		<u> </u>										
Date First Produc	ction		Produc	ction Met	hod (Fle	owing, gas lift, p	oumpin	g - Size ar	nd	type pump)		Well Status	s (P	rod.	or SI	nut-i	n)					
Date of Test	Hours	Tested	CI	noke Size		Prod'n For Test Period		Oil - Bb	ol		Gas	- MCF		Wa	ter - E	3bl.		Gas - C	oil Ratio			
Flow Tubing Press.	Casing	Hours Tested Casing Pressure			24-	Oil - Bbl.		Gas	; - l	MCF		Water - Bbl.			Oil (Grav	ity - AF	Pl - (Cor	r.)			
29. Disposition of Gas (Sold, used for fuel, vented, etc.)											30). To	est Wi	itnes	sed By							
31. List Attachm	ents					•							I									
1	•			· -			_				•											
33. If an on-site	ourial was		٨						_	1007 57104	<u></u>											
I hereby certi	Energy, Minerals and Natural Resources Present Dr. 1809a. 1MN 82540 Gond Areas. Assets. MM 8210 Ellinoro Rd. Asset. MM 8210 Ellinoro Rd. Ellinoro R																					
Signature Signature	Mau	XX/	JUT .	u X	Nan	ne Marie E.	Jarai	millo	Ti	itle: Staf	f R	egulatory T	ech	1	Da	ate:	. 5/10/:	2010				
E-mail Addre	ss marie	.e.jarar	mmo(a)	onocor	липря	s.com																

ConocoPhillips Pit Closure Form:

Date: 6/23/08	
Well Name: 5327-4#41N	
Foolages: 1450' FNL 2000' FWL Unit Le	etter: _F
Section: 7, T-27-N, R-4-W, County: Ris Archa	State: New Mexico
Pit Closure Date: 1/20/08	of the spinish distribution of the spinish and the spinish distribution of the spinish
Contractor Closing Pit: M&M	
Johnny McDonald 6/23/1 Construction Inspector Name Date	conocoPhillips
Construction Inspector Name Date Date Date January 749 brain Jignature	Conocornings
ignatute	
•	
Pevised 10/22/07	

Jaramillo, Marie E

From:

Busse, Dollie L

Sent:

Monday, June 16, 2008 3:05 PM

To:

Erinn Shirley: Mark Kelly: Robert Switzer: Sherrie Landon

Cc:

'art9sranch@msn.com'; M&M Trucking (donamontoya@aol.com); Blair, Maxwell O; Blakley,

Maclovia; Clark, Joan E; Farrell, Juanita R; Finkler, Jane; Maxwell, Mary A (SOS Staffing

Services, Inc.); McWilliams, Peggy L; Seabolt, Elmo F

Subject:

Clean Up Notice - San Juan 27-4 Unit 41N

Importance:

High

Attachments:

San Juan 27-4 unit 41N.pdf

M&M Trucking will move a tractor to the San Juan 27-4 Unit 41N on Friday, June 20, 2008 to start the reclamation

Please contact Art Sanchez (505-321-5547) if you have any questions or need additional information.

Thanks! Dollie

Network #: 10169508



San Juan 27-4 unit 41N.pdf (21...

Dollie L. Busse

ConocoPhillips Company-SJBU Construction Technician Project Development 505-324-6104 505-599-4062 (fax) Dollie.L.Busse@conocophillips.com

ConocoPhillips

Reclamation Form:		
Date: 7/22/08		
Well Name: SpN	JUAN 27-4 3	<u> 41N</u>
Footages: 1450 FM	2000 FWL	Unit Letter:F
Section:, T	N, R- <u>-</u> -W, County:	Roo Arros/State: NM
Reclamation Contractor:	M+M TRUE	KING
Reclamation Date:	<u>t/23/08</u>	
Road Completion Date:	7/18/08	
Seeding Date:	7/1/08	
	A	
Construction Inspector:	HRT SANCHE	Date: _7/22/08
Inspector Signature:	Art Sam	cky









WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

		COMMENTS		Tear on Apron and fence needs repaired.							I. Notified Brandon	ıd liner repair	ok good.								
	ES	2		Tear on Apron and 1			Winer Closure Area				Liner repair needed. Notified Brandon	Tightened fence and liner repair	Pit and Location look good.								
	PICTURES	TAKEN	×	×	×	X	×	×	×	×	×	×	×								
	LOCATION	CHECK	×	×	×	×	×	×	×	×	×	×	×								
141N	SAFETY	CHECK	×	×	×	X	×	×	×	×	×	×	×								
San Juan 27-4 Unit 41N		INSPECTOR	A. Sanchez	A. Sanchez	11/7/2007 A. Sanchez	A. Sanchez	2/18/2008 A. Sanchez	3/25/2008 A. Sanchez	4/22/2008 A. Sanchez	5/12/2008 A. Sanchez	6/4/2008 R. Woody	R. Woody	R. Woody								
WELL NAME:		DATE	10/17/2007 A. Sanchez	10/30/2007 A. Sanchez	11/7/2007	12/28/2007 A. Sanchez	2/18/2008	3/25/2008	4/22/2008	5/12/2008	6/4/2008	6/10/2008 R. Woody	6/18/2008 R. Woody								