<u>District I</u> 1625 N French Dr , Hobbs, NM 88240

District II
1301 W Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-144
July 21, 2008

For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office

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

5201	Type of action:	X Closure of a pit, o	closed-loop sys n existing pern submitted for	item, below-gra nit an existing per	mitted or non-permit	alternative m	ethod	
Please	e be advised that approval	application (Form C-14 of this request does not relieve neve the operator of its response	the operator of liab	oility should operate	ons result in pollution of sui	face water, groun	d water or the	equest
		il & Gas Company, L	P		OGRID#: <u>145</u>	538		
	Box 4289, Farming							
•	ame: Lloyd A 100	· · · · · · · · · · · · · · · · · · ·		OCD Powert No				
API Number: U/L or Qtr/Qtr:	J(NW/SE) Sect	on: 9 Townshi	ip: 29N	OCD Permit Nu Range:		: San Juan		—
	ed Design: Latitud X Federal	36.7371	<u> </u>	Longitude:	107.99283 dian Allotment	°W NA	D: 1927	[]1983
Permanent X Lined X String-Reinfo	Unlined L	Cavitation P&A uner type Thickness Cactory Other	mıl	X LLDPE [Other	W <u>45'</u> x D	10'
Closed-lo Type of Operation Drying Pac Lined	on P&A [tion H of 19.15 17 11 NN Drilling a new well und Steel Tanks Thickness			s to activities which red	quire prior appi	oval of a permit	
Liner Seams	Welded I	actory Other	<u> </u>	. ,		<u>\2</u>	,3° _2	72
Wolume Tank Construction		I of 19 15 17 11 NMAC		<u>-</u>		.92930.37	MECEI 20 20 Oil cons. Div.	VED 110 DIST. 3
	ontainment with leak d ewalls and liner Thickness	etection Visible Visible sidewalls mil HDPI	onlyOt	•	automatic overflow shu	t-off \	OIL CONS. DIV.	212026
	ve Method:	quired Exceptions must b	be submitted to t	he Santa Fe Env	ronmental Bureau offic			

Form C-144

Oil Conservation Division

Page 1 of 5



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 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)					
8					
Signs: Subsection C of 19 15 17 11 NMAC					
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers					
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 cons (Fencing/BGT Liner)	ideration of ap	proval			
Exception(s). Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval					
Exception(s). Requests must be submitted to the Samu Le Environmental Bureau office for consideration of approval					
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)	□NA	İ			
- 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 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 - 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 adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality, Written approval obtained from the municipality	Yes	□No			
Within 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	Yes	No			
Society, Topographic map Within a 100-year floodplain FEMA man	Yes	□No			

Form C-144 Oil Conservation Division Page 2 of 5

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				
12				
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19 15 179 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 19.15.17.10 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				
l —				
Previously Approved Operating and Maintenance Plan API				
13				
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC				
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.				
Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC				
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17.10 NMAC				
Climatological Factors Assessment				
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15 17.11 NMAC				
Dike Protection and Structural Integrity Design based upon the appropriate requirements of 19.15.1711 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				
Frosion 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, baced upon the appropriate requirements of Subsection H of 10.15.17.13 NMAC				
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				

16	H. I. & D. (10.16.17.12.D.) D.44.0)	İ		
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks of Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and	or Haul-off Bins Only: (19 15.17 13 D NMAC) d drill cuttings. Use attachment if more than two			
facilities are required				
	Facility Permit #:			
Disposal Facility Name Disposal	Facility Permit #:			
Will any of the proposed closed-loop system operations and associated activities occur of Yes (If yes, please provide the information No	on or in areas that will not be used for future service an	nd		
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 I of				
Site Reclamation Plan - based upon the appropriate requirements of Subsection C				
Site rectalitation ratio - based apon the appropriate requirements of bussection e	J 01 15.15.17.15 NMIAC			
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. Recommenderian siting criteria may require administrative approval from the appropriate district office or may be office for consideration of approval. Justifications and/or demonstrations of equivalency are required.	e considered an exception which must be submitted to the Santa F			
Ground water is less than 50 feet below the bottom of the buried waste	Y	res No		
- NM Office of the State Engineer - (WATERS database search, USGS Data obtained from	nearby wells	J/A		
Ground water is between 50 and 100 feet below the bottom of the buried waste		'es \ \ \ \ No		
- NM Office of the State Engineer - 1WATERS database search; USGS, Data obtained from	nearby wells	I/A		
Ground water is more than 100 feet below the bottom of the buried waste		'es □No		
- NM Office of the State Engineer - IWATERS database search, USGS, Data obtained from		I/A		
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant waterc (measured from the ordinary high-water mark).	course or lakebed, sinkhole, or playa lake	es 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 - Visual inspection (certification) of the proposed site, Aerial photo, satellite image	t the time of initial application	es No		
		'es No		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five hou purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existence at the - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of t	time of the initial application			
Within incorporated municipal boundaries or within a defined municipal fresh water well field covpursuant to NMSA 1978, Section 3-27-3, as amended	vered under a municipal ordinance adopted	'es 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 (cer		esNo		
Within the area overlying a subsurface mine.	□Y	es No		
- Written confiramtion or verification or map from the NM EMNRD-Mining and Mineral Div	ısion			
Within an unstable area		es No		
 - Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resort Topographic map 	nurces; USGS, NM Geological Society,			
Within a 100-year floodplain FEMA map	□ч	'es No		
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the followy a check mark in the box, that the documents are attached.	llowing items must bee attached to the closure plan.	Please indicate,		
Siting Criteria Compliance Demonstrations - based upon the appropriate requirer	nents of 19 15.17 10 NMAC			
Proof of Surface Owner Notice - based upon the appropriate requirements of Sub	section 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) -	•	11 NMAC		
Protocols and Procedures - based upon the appropriate requirements of 19.15 17.				
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC				
Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC				
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)				
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19 15.17 13 NMAC				
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of				
Site Perlametran Plan - based upon the appropriate requirements of Subsection (3 - 610 15 15 13 13 13 44 6	1		

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
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: 4/15/2011
Title: Compliance Office OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 1915 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: November 29, 2008
22
Closure Method:
Waste Excavation and Removal X On-site Closure Method 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 compliane 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
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)
Y 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 36.737319 °N Longitude: 107.993033 °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) Ethel Tally Title Staff Regulatory Technician
Signature: Date: 2510
e-mail address ethel tally@conocophillips.com Telephone 505-599-4027

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

Lease Name: Lloyd A 100S API No.: 30-045-34663

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:

 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.

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	2.5 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	16.6 ug/kG
TPH	EPA SW-846 418.1	2500	40.3mg/kg
GRO/DRO	EPA SW-846 8015M	500	ND mg/Kg
Chlorides	EPA 300.1	1000/500	510 mg/L

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, Lloyd A 100S, UL-J, Sec. 9, T 29N, R 11W, API # 30-045-34663

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

King 3

Lackev A Com 100S

Lambe 1C

Lambe 7S

Lively 8M

Lloyd A 100

(Cloyd A 100S)

Martin 100

McCord B 1F

McDurmitt Corn 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 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

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

DISTRICT II 1301 W. Grand Ave., Artesia, H.M. 88210

DISTRICT UI 1000 Rio Brezos Rd., Asteo, N.M. 67410

State of New Mexico Energy, Minerals & Natural Resources Department

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

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

DESTRICT by 1220 South St. Francis Dr., Santa Fe, NN 67605

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number				Poel Code		Pool Name BASIN FRUITLAND COAL				
*Property C	ode		Property Name				* We	* Well Humber		
					1TOAD	A.			1005	
OGRID No				*Operator Hams					* Elevation	
			BUR	LINGTON I	resources of	L & GAS COMPA	MA FB		5658	
			· ·		10 Surface	Location				
UL or lot no.	Section	Township	Renge	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
J	9 '	29÷N	11-₩		1535	SOUTH	1405	EAST	SAN JUAN	
			11 Bott	om Hole	Location I	f Different Fre	om Surface			
Or on got niv	Section	Township	Range	Lot idn	Fest from the	North/South line	Feet from the	East/Fest line	County	
Dedicated Acre	<u> </u>	<u> </u>	15 Joint or	Infill	¹⁴ Consolidation (¹⁵ Order No.		<u>L</u>	
320					Ì					

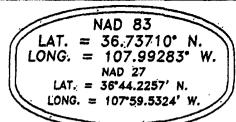
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE HEEN CONSOLIDATED

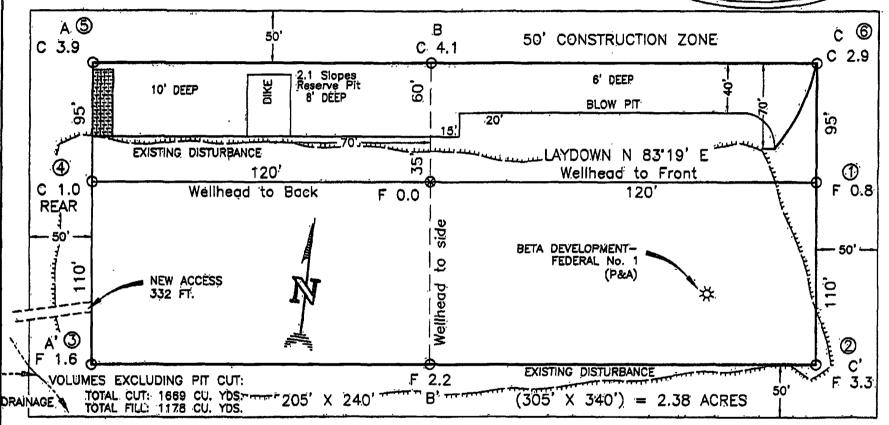
18 OR A NON-STANDARD UNIT HAS		THE DIVISION
		OPERATOR CERTIFICATION I hereby certify that the information contained herein to true and complete to the best of my knowledge and belief, and that this organisation either cours a working interest or unknown mineral interest in the land including the preposed bottom hate location or has a right to drill this well at this boottom pursuant to a contract with an essuer of such a entered or working inderest, or to a voluntary pooling agreement or a companions pooling order hereinfure entered by the distriction.
9	FO. 5/8" REBAR	Signature Date Printed Name
LAT: 36:73710° N. (NAD 83) LONG: 107.99283° W. (NAD 83) LAT: 36:44.2257° N. (NAD 27) LONG: 107:59.5324° W. (NAD 27)	2632,56° (M)	SURVEYOR CERTIFICATION / hereby certify that the well location abuses on this plat was platfied from flittl inster of actual surveys made by we ar under two supervision, and that the series to true and correct, to this best of my being. NOVEMBER 181 2007// Date of Survey.
FD. MICO. STONE S 89-22-36 W 2684.44' (M)	FD. 2 1/2" AC. 1994 US. No. 11588	Senting and Selection of the Selection o
2007.17 (10)		Ourtifloate Humber

BURLINGTON RESOURCES OIL & GAS COMPANY LP

LLOYD A No. 100S, 1535 FSL 1405 FEL

SECTION 9, T-29-N, R-11-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO GROUND ELEVATION: 5658. DATE: NOVEMBER 15. 2007





RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE). BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE:

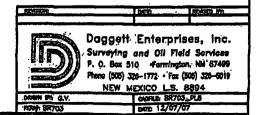
DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. UTILITY NOTIFICATION CENTER OF COLORADO, TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

NOTE:

ESTIMATED VOLUMES CALCULATED BY AVERAGE END AREA AT CROSS-SECTION SHOWN

NOTE:

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.





EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrogarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 1008	Date Reported:	08-23-08
Laboratory Number:	46804	Date Sampled:	08-19-08
Chain of Custody No:	4938	Date Received:	08-19-08
Sample Matrix:	Soil	Date Extracted:	08-20-08 [°]
Preservative:		Date Analyzed:	08-21-08
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

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

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S Background	Date Reported:	08-23-08
Laboratory Number:	46805	Date Sampled:	08-19-08
Chain of Custody No:	4938	Date Received:	08-19-08
Sample Matrix:	Soil	Date Extracted:	08-20-08
Preservative:		Date Analyzed:	08-21-08
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

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:	08-21-08 QA/QC	Date Reported:	08-23-08
Laboratory Number:	46800	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-21-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0045E+003	1.0049E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9798E+002	9.9838E+002	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	241	96.4%	75 - 125%
Diesel Range C10 - C28	ND	250	246	98.4%	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 46800 - 46807 and 46814.

Analyst



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S	Date Reported:	08-23-08
Laboratory Number:	46804	Date Sampled:	08-19-08
Chain of Custody:	4938	Date Received:	08-19-08
Sample Matrix:	Soil	Date Analyzed:	08-21-08
Preservative:		Date Extracted:	08-20-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	2.5	0.9	
Toluene	6.9	1.0	
Ethylbenzene	1.9	1.0	
p,m-Xylene	4.1	1.2	
o-Xylene	1.2	0.9	
Total BTEX	16.6		

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

Mustur M Warter Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S Background	Date Reported:	08-23-08
Laboratory Number:	46805	Date Sampled:	08-19-08
Chain of Custody:	4938	Date Received:	08-19-08
Sample Matrix:	Soil	Date Analyzed:	08-21-08
Preservative:		Date Extracted:	08-20-08
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	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

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EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A		Project #:	N	/A
Sample ID:	08-21-BT QA/QC		Date Reported:	0	8-23-08
Laboratory Number:	46800		Date Sampled:	N	/A
Sample Matrix:	Soil		Date Received:	N	/A
Preservative:	N/A		Date Analyzed:	0	8-21-08
Condition:	N/A		Analysis:	В	TEX
Calibration and	I-Cal RF:	C-Cal RF	%Diff:	Blank	Detect:
Detection Limits (ug/L)		Accept. Rang	To the salation of the salatio	Conc	Limit
Benzene	9.5129E+007	9.5320E+007	0.2%	ND	0.1
T-1	7.2689E+007	7.2835E+007	0.2%	ND	0.1
Totuene					•
Toluene Ethylbenzene	5.7148E+007	5.7262E+007	0.2%	ND	0.1
Ethylbenzene p,m-Xylene	5.7148E+007 1.1909E+008				
Ethylbenzene		5.7262E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample Du	ıplicate	%Diff.	Accept Range	Detect. Limit
Benzene	1.8	1.9	5.6%	0 - 30%	0.9
Toluene	7.7	7.1	7.8%	0 - 30%	1.0
Ethylbenzene	3.2	2.9	9.4%	0 - 30%	1.0
p,m-Xylene	67.7	68.6	1.3%	0 - 30%	1.2
o-Xylene	13.3	12.9	3.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample Amo	unt Spiked Spik	ed Sample	% Recovery	Accept Range
Benzene	1.8	50.0	51.4	99.2%	39 - 150
Toluene	7.7	50.0	54.7	94.8%	46 - 148
Ethylbenzene	3.2	50.0	52.8	99.2%	32 - 160
p,m-Xylene	67.7	100	161	95.8%	46 - 148
o-Xylene	13.3	50.0	62.9	99.4%	46 - 148

ND - Parameter not detected at the stated detection limit.

References:

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

December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

QA/QC for Samples 46800 - 46807 and 46813 - 46814.

Analyst

Réview Malle



TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S	Date Reported:	08-25-08
Laboratory Number:	46804	Date Sampled:	08-19-08
Chain of Custody:	4938	Date Received:	08-19-08
Sample Matrix:	Soil	Date Analyzed:	08-22-08
Preservative:		Date Digested:	08-20-08
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.045	0.001	5.0
Barium	22.5	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.252	0.001	5.0
Lead	0.257	0.001	5.0
Mercury	ND	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

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TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S Background	Date Reported:	08-25 - 08
Laboratory Number:	46805	Date Sampled:	08-19-08
Chain of Custody:	4938	Date Received:	08-19-08
Sample Matrix:	Soil	Date Analyzed:	08-22-08
Preservative:		Date Digested:	08-20-08
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.069	0.001	5.0
Barium	9.36	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.272	0.001	5.0
Lead	0.296	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.016	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 Quality Control / Quality Assurance Report

Client: Sample ID: Laboratory Number: Sample Matrix:	QA/QC 08-22 TM QA/AC 46796 Soil	Project #: Date Reported: Date Sampled: Date Received:	QA/QC 08-25-08 N/A N/A
Analysis Requested: Condition.	Total RCRA Metals N/A	Date Analyzed: Date Digested:	08-22-08 08-20-08

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/Kg)	Method Blank	Detection Limit	i Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.112	0.114	1.3%	0% - 30%
Barium	ND	ND	0.001	45.4	45.4	0.1%	0% - 30%
Cadmium	ND	ND	0.001	0.002	0.002	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.441	0.448	1.6%	0% - 30%
Lead	ND	ND	0.001	0.398	0.411	3.3%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	e Spiked Sample		Acceptance Range
Arsenic	0.250	0.112	0.310	85.6%	80% - 120%
Barium	0.500	45.4	45.65	99.5%	80% - 120%
Cadmium	0.250	0.002	0.218	86.5%	80% - 120%
Chromium	0.500	0.441	0.836	88.9%	80% - 120%
Lead	0.500	0.398	0.772	86.1%	80% - 120%
Mercury	0.100	ND	0.096	95.9%	80% - 120%
Selenium	0.100	ND	0.103	103%	80% - 120%
Silver	0.100	ND	0.091	90.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.

SW-846, USEPA, December 1996.

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

Spectorscopy, SW-846, USEPA, December 1996.

Comments: QA/1QC for Samples 46796 - 46799 and 46800 - 46805.

Analyst



CATION / ANION ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S	Date Reported:	08-26-08
Laboratory Number:	46804	Date Sampled:	08-19-08
Chain of Custody:	4938	Date Received:	08-19-08
Sample Matrix:	Soil Extract	Date Extracted:	08-20-08
Preservative:		Date Analyzed:	08-21-08
Condition:	Intact		•

	Analytical			
Parameter	Result	Units		
рН	7.62	s.u.		
Conductivity @ 25° C	3,250	umhos/cm		
Total Dissolved Solids @ 180C	1,760	mg/L		
Total Dissolved Solids (Calc)	1,910	mg/L		
SAR	7.5	ratio		
Total Alkalinity as CaCO3	95.0	mg/L		
Total Hardness as CaCO3	497	mg/L		
Bicarbonate as HCO3	95.0	mg/L	1.56	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	<0.01	mg/L	0.00	meq/L
Nitrite Nitrogen	<0.01	mg/L	0.00	meq/L
Chloride	510	mg/L	14.39	meq/L
Fluoride	0.244	mg/L	0.01	meq/L
Phosphate	0.049	mg/L	0.00	meq/L
Sulfate	651	mg/L	13.55	meq/L
Iron	0.008	mg/L	0.00	meq/L
Calcium	188	mg/L	9.38	meq/L
Magnesium	6.50	mg/L	0.53	meq/L
Potassium	111	mg/L	2.84	meq/L
Sodium	385	mg/L	16.75	meq/L
Cations			29.50	meq/L
Anions			29.51	meq/L
Cation/Anion Difference			0.03%	

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

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CATION / ANION ANALYSIS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S Background	Date Reported:	08-26-08
Laboratory Number:	46805	Date Sampled:	08-19-08
Chain of Custody:	4938	Date Received:	08-19-08
Sample Matrix:	Soil Extract	Date Extracted:	08-20-08
Preservative:		Date Analyzed:	08-21-08
Condition:	Intact		

	Analytical			
Parameter	Result	Units		
рН	9.39	s.u.		
Conductivity @ 25° C	470	umhos/cm		
Total Dissolved Solids @ 180C	240	mg/L		
Total Dissolved Solids (Calc)	248	mg/L		
SAR	2.0	ratio		
Total Alkalinity as CaCO3	186	mg/L		
Total Hardness as CaCO3	86.4	mg/L		
Bicarbonate as HCO3	186	mg/L	3.05	meq/L
Carbonate as CO3	<0.1	mg/L	0.00	meq/L
Hydroxìde as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	2.00	mg/L	0.03	meq/L
Nitrite Nitrogen	<0.01	mg/L	0.00	meq/L
Chloride	27.8	mg/L	0.78	meq/L
Fluoride	1.20	mg/L	0.06	meq/L
Phosphate	3.15	mg/L	0.10	meq/L
Sulfate	20.4	mg/L	0.42	meq/L
Iron	17.2	mg/L	0.62	meq/L
Calcium	19.5	mg/L	0.97	meq/L
Magnesium	9.20	mg/L	0.76	meq/L
Potassium	9.10	mg/L	0.23	meq/L
Sodium	43.1	mg/L	1.87	meq/L
Cations			4.45	meq/L
Anions			4.45	meq/L
Cation/Anion Difference			0.03%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Drilling Pit Sample.

Analyst

Review Wester

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



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Mustur muceteus Review

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S	Date Reported:	08-25-08
Laboratory Number:	46804	Date Sampled:	08-19-08
Chain of Custody No:	4938	Date Received:	08-19-08
Sample Matrix:	Soil	Date Extracted:	08-22-08
Preservative:		Date Analyzed:	08-22-08
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

40.3

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



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Lloyd A 100S Background	Date Reported:	08-25-08
Laboratory Number:	46805	Date Sampled:	08-19-08
Chain of Custody No:	4938	Date Received:	08-19-08
Sample Matrix:	Soil	Date Extracted:	08-22-08
Preservative:		Date Analyzed:	08-22-08
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

26.9

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

Mustur of Weeters



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	08-25-08
Laboratory Number:	08-22-TPH.QA/QC 46800	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	08-22-08
Preservative:	N/A	Date Extracted:	08-22-08
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-ÇalîDate:	C-Cal Date	Î-Cal RF:	C-Cal RF.	% Difference	Accept. Range	
* * * * * * * * * * * * * * * * * * * *	08-22-08	08-22-08	1.680	1.610	4.2%	+/- 10%	

Blank Conc. (mg/Kg)	Angel All	Concentration ND	Acid Marie Control	Detection Limi	The second secon
Duplicate Conc. (mg/Kg)	N .3	∗ Sample 83.9	Duplicate 85.9	% Difference 2.4%	Accept. Range

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	83.9	2,000			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 46800 - 46807 and 46813.

Analyst

Review Mucetus

Submit To Appropriation Two Copies	riate District	Office						orm C-105								
District I	Halla NIX	4 0004	۸.	Energy, Minerals and Natural Resources						July 17, 2008						
1625 N. French Dr District II										1. WELL API NO. 30-045-34663						
1301 W Grand Av District III	enue, Artesia	a, NM	88210		Oil	l Conservat	tion	Divisi	on		2. Type of Lease					
1000 Rio Brazos R	d , Aztec, Ni	M 874	10		1220 South St. Francis Dr.					STA		☐ FEE	⊠ F	ED/IND	IAN	
1220 S St Francis	Dr , Santa F	e, NM	87505			Santa Fe, N	MI	37505			3. State Oil &		Lease No			
\A/E114	COMPL		ION OD	DECC	NM-03486-A RECOMPLETION REPORT AND LOG						A THE REST	5.0 Sept. 10				
4. Reason for file		<u>.E </u>	ON OR	RECC	JIVIPL	ETIONRE	PUR	CI AIN	LUG		5 Lease Nam	e or l	Unit Agree	ment No	ame	a e r again a T ail again
	Ü										Lloyd A	• 0. 0				
COMPLET:	ION REPO	ORT ((Fill in boxe	s#1 throu	igh #31	for State and Fed	e wells	only)			6. Well Numb	er:		•		
C-144 CLOS #33; attach this a	nd the plat									d/or	100S					
7. Type of Comp	pletion. WELL [l woi	RKOVER [DEEPI	ENING	□PLUGBACI	к 🗆 I	DIFFERE	NT RESER	VOIF	R OTHER					
8 Name of Opera	ator										9. OGRID					
Burlington R		s Oil	Gas Co	mpany,	LP						14538	or W	ildeat			
PO Box 4298, Fa		NM 8	7499								11.1 oor name	01 **	nacat			
12.Location	Unit Ltr	S	Section	Towns	shıp	Range	Lot		Feet from	the	N/S Line	Feet	from the	E/W I	Line	County
Surface:				ļ. <u></u>												
BH:				<u></u>												
13. Date Spudde	d 14 Da	te T D	D. Reached		Date Rig 5/ 2008	Released		16	Date Comp	pleted	d (Ready to Prod	luce)		7. Elevat T, GR, e		and RKB,
18. Total Measur	red Depth o	f Wel	il	19 I	Plug Bac	k Measured Dep	oth	20	. Was Direc	ctiona	al Survey Made?)	21. Typ	e Electr	ic and O	ther Logs Run
22. Producing In	terval(s), of	f this (completion -	- Top, Bo	ttom, Na	ame										
23					CAS	ING REC	ORI	D (Rep	ort all s	trin	gs set in w	ell)				
CASING SI	ZE	W	EIGHT LB	./FT		DEPTH SET		H	OLE SIZE		CEMENTIN	G ŔE	CORD	Al	MOUNT	PULLED
•				_			-									
										-						
24.	LTOD		l n/	OTTO A	LIN	ER RECORD	מין גייון	Looper	37	25			NG REC		LDACK	ED CET
SIZE	TOP		BC	OTTOM		SACKS CEM	ENI	SCREE	N	SL	ZE	1 10	EPTH SE	1	PACK	ER SET
										\dagger	_					
26. Perforation	record (in	terval	, size, and n	umber)		<u>.</u>					ACTURE, CE					
							-	DEPTH	INTERVA	L	AMOUNT A	ND I	KIND MA	TERIA	L USED	
			-													
											_					
28.							PRO	DDUC	TION		- L					
Date First Produc	ction		Produ	ction Met	hod (Flo	owing, gas lift, p	numpin	g - Size a	nd type pum	p)	Well Status	(Pro	d. or Shut	-in)		
Date of Test	Hours	Teste	d C	hoke Size	;	Prod'n For Test Period		Oıl - Bl	ol	Ga	as - MCF	w	ater - Bbl		Gas - 0	Oıl Ratio
Flow Tubing	Casing	Press	sure C	alculated	24-	Oıl - Bbl.		L Gas	s - MCF	1	Water - Bbl.	Щ.	T Oil Gra	vity - A] РІ - <i>(Со</i> і	rr.)
Press.			Н	our Rate										-		
29. Disposition of	,	l, used	d for fuel, ve	nted, etc.,)							30.	Test Witne	ssed By	,	
31. List Attachm																
32. If a temporar	y pit was u	sed at	the well, at	tach a pla	t with th	e location of the	tempo	orary pit.								
33. If an on-site	burial was i	used a	at the well, r	eport the	exact lo	cation of the on-	site bu	rial:				•				
I herehy certi	ify that th	I. e int	atitude 36.	737319°N shown	on hote	ngitude 107.993 h sides of this	3033°V	V NAD	\square 1927 \square	1983 plete	to the hest of	of my	knowle	dge on	d helie	f
Signature	I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed Name Ethel Tally Title: Staff Regulatory Technician Date:															
E-mail Addre	ess ethel.	tally	@conoco	ر) phillips	com.											·

.



Pit Closure Form:	
Date: 11/29/08	
Well Name: LLay & A# 1005	
Footages:	Unit Letter:
Section: 9, T- <u>29</u> -N, R- <u>//</u> -W, Cou	ınty: <u>รองโนระ</u> State: พ.ศ.
Contractor Closing Pit: Aztec	
Construction inspector: <u>Eric Suit</u>	Date: 12/4/06
Inspector Signature: 5-	

Tally, Ethel

From:

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

Sent:

Monday, November 24, 2008 7:02 AM

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>; 'Faver Norm

(faverconsulting@yahoo.com)' <faverconsulting@yahoo.com>; 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>; 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 rhacker cinm@hotmail.com; Lopez, Richard A Rhackerccinm@hotmail.com; Lopez, Richard A rhackerccinm@hotmail.com; Lopez, Richard A rhackerccinm@hotmail.com; Lopez, Richard A rhackerccinm.com; Lopez, R 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, Stephan A

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

Maxwell O < Maxwell.O. Blair@conocophillips.com>; Blakley, Maclovia

<Maclovia.Blakley@conocophillips.com>; Clark, Joan 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: LLoyd A 100S

Importance: High

Attachments: Lloyd A 100S.pdf

Aztec Excavation will move a tractor to the LLOYD A 100S on Monday, December 1st, 2008 to start the reclamation process. Please contact Norm Faver (320-0670) if you have any questions or need additional information.

Thanks Jason Silverman

Network#:

10215502

Operator:

Burlington Resources

Legals:

1535' FSL, 1405' FEL

Section 9, T29N, R11W Unit Letter 'J' (NW/SE) San Juan County, NM

Lease:

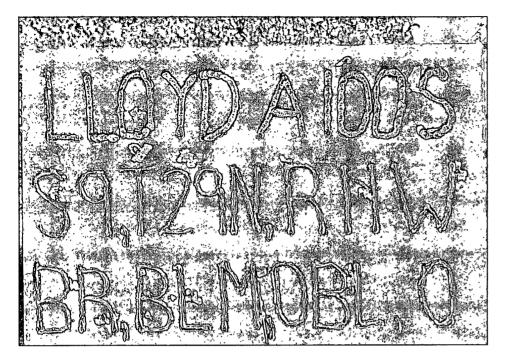
USA NM-03486-A

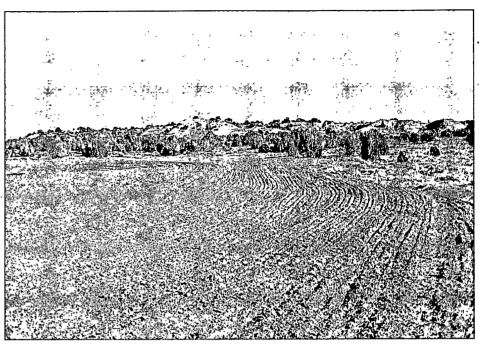
ConocoPhillips

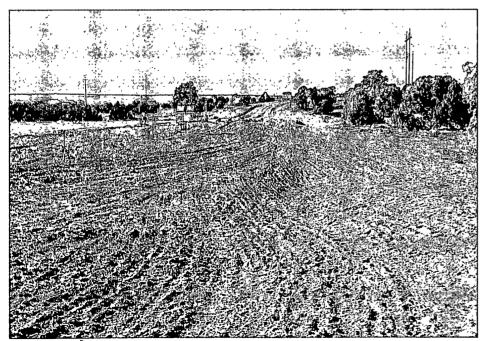
Reclamation Form:	
Date: 11/18/08	_
Well Name: Lloyd A	<u>1005</u>
Footages: <u>1535 f S</u>	1405 f e 1 Unit Letter:
Section: 9, T-29-	N, R-11 -W, County: SawTyan State: w.m
Reclamation Contractor:	Aztec
Reclamation Date:	11/20/08
Road Completion Date:	2/29/09
Seeding Date:	3/11/09
Construction Inspector:	Enc Smith Date: 3/25/09
Inspector Signature:	S 98

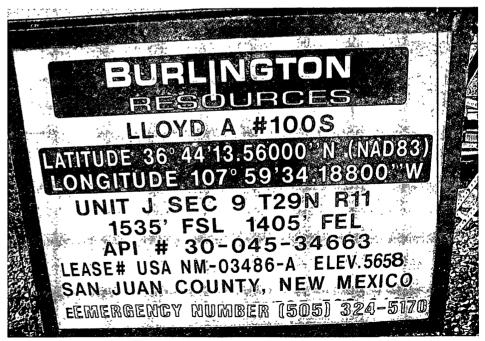
 $C_{\mathcal{G}}$

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WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: Lloyd A 100S

API#: 30-045-34663

DATE	INSPECTOR	SAFETY CHECK	LOCATION CHECK	PICTURES TAKEN	COMMENTS
3/23/08	Jared Chavez	X	Х	Х	Liner in good condition, fence needs repaired, crew installing facilities on location
6/4/08	Jared Chavez				Aztec Rig is on location
6/6/08	Jared Chavez	Х	X		Aztec rig #580 just moved off location, Bennett Construction is scheduled to move onto location
6/13/08	Jared Chavez	Х	Х		Holes in liner, called MVCI, called Brandon with OCD
6/20/08	Jared Chavez	Х	Х		Fence needs tightened, holes in liner, called MVCI and Brandon with OCD
6/30/08	Jared Chavez	X :	X		Old dryer needs picked up and taken to the dump, called MVCI
7/7/08	Jared Chavez	X :	Х		Pit and location in good condition
7/11/08	Jared Chavez	X	Х		Pit and location in good condition
7/18/08	Jared Chavez	,			WSI flow back crew was on location and asked me to not go on location due to high well head PSI
7/24/08	Jared Chavez	X :	Х		Pit and location in good condition
8/1/08	Jared Chavez				AWS #448 is on location
8/8/08	Jared Chavez	X	Х		Blow pit is burned , contacted Crossfire for repairs
8/15/08	Jared Chavez	X	Х		Pit and location in good condition
8/28/08	Jared Chavez	X	Х		Pit and location in good condition
9/11/08	Jared Chavez	X	Х		Pit and location in good condition
9/18/08	Jared Chavez	X	X		Pit and location in good condition
10/15/08	Jared Chavez	Х	X		Pit and location in good condition
10/22/08	Jared Chavez	X	Х		Pit and location in good condition
11/26/08	Jared Chavez	X	Х		Pit and location in good condition