. District I, 1625 N French Dr , Hobbs, NM 88240

District II 1301 W Grand Ave , Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd , Aztec, NM 87410

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 tanks, submit to the appropriate NMOCD District Office

Form C-144

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				
5119	Pit, Closed-Loop System, Below-Grade Tank, or osed Alternative Method Permit or Closure Plan Application				
Type of action:	Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method  X Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method  Modification to an existing permit  Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method				
Please be advised that approval of	this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the eve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances				
Operator: Burlington Resources Oil Address: P.O. Box 4289, Farmington Facility or well name: ALLISON U	on, NM 87499				
	376 & 30-045-34352 OCD Permit Number				
U/L or Qtr/Qtr: F(SE/NW) Section Center of Proposed Design: Latitude: Surface Owner: Federal	on: 12 Township: 32N Range: 7W County: Rio Arriba				
Permanent Emergency C  X Lined Unlined Lii  X String-Reinforced	kover favitation P&A ner type: Thickness 12 mil X LLDPE HDPE PVC Other actory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'				
Type of Operation P&A Drying Pad Above Groun Lined Unlined Lines	Drilling a new well   Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  Ind Steel Tanks   Haul-off Bins   Other    Interpretation of the content of the conte				
	Visible sidewalls only Other Other Other PVC Other				
5 Alternative Method: Submittal of an exception request is requ	uired Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval				

6				
Fencing: Subsection D of 19.15 17 11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)				
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, ins	stitution or chu	rch)		
Four foot height, four strands of barbed wire evenly spaced between one and four feet				
Alternate. Please specify				
Tricinae. Trease specify				
7				
Netting: Subsection E of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top tanks)				
Screen Netting Other				
Monthly inspections (If netting or screening is not physically feasible)				
8				
Signs: Subsection C of 19 15 17 11 NMAC				
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers				
X Signed in compliance with 19 15.3.103 NMAC				
9				
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:	eiderstion of	prove1		
Administrative approval(s) Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for construction (Fencing/BGT Liner)	ластанон от ар	provdl		
Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval		1		
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.				
does not apply to drying page of above grade tame associated with a closed toop system.		_		
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.	Yes	∐No		
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells		_		
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake	∐Yes	∐No		
(measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site				
		<b></b> ,		
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				
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	□No		
	L. H.			
(Applied to permanent pits)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□□NA			
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	∐No		
(. I				
- 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	Yes	□No		
adopted pursuant to NMSA 1978, Section 3-27-3, as amended  Written confirmation or varification from the municipality. Written approval obtained from the municipality.				
- Written confirmation or verification from the municipality; Written approval obtained from the municipality  Within 500 feet of a wetland.	Yes	No		
- US Fish and Wildlife Wetland Identification map; Topographic map, Visual inspection (certification) of the proposed site	15			
Within the area overlying a subsurface mine.	Yes	□No		
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division		<u></u>		
Within an unstable area.	Yes	No		
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological				
Society; Topographic map		<b>—</b>		
Within a 100-year floodplain - FEMA map	Yes	∐No		
- LEAVES MAD	1			

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				
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  Sting 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  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 19.15.17.11 NMAC  Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  Nuisance or Hazardous Odors, including H2S, Prevention Plan  Emergency Response Plan  Oil Field Waste Stream Characterization  Monitoring and Inspection Plan  Erosion Control Plan  Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15 17.13 NMAC				
14				
Proposed Closure: 19 15.17 13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.  Type Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative Proposed Closure Method Waste Excavation and Removal  Waste Removal (Closed-loop systems only) On-site Closure Method (only for temporary pits and closed-loop systems)  In-place Burial On-site Trench				
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)				
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				

16  Waste Removal Closure For Closed-loop Systems That Utilize Instructions Please identify the facility or facilities for the disposa	Above Ground Steel Tanks or Haul-off Bins Only: (19 15 17 13 D NMAC)  If of liquids, drilling fluids and drill cuttings Use attachment if more than tw	· ) o		
facilities are required				
	Disposal Facility Permit #			
	Disposal Facility Permit #			
Yes (If yes, please provide the information	associated activities occur on or in areas that will not be used for future  No	e service and		
Required for impacted areas which will not be used for future serv  Soil Backfill and Cover Design Specification - based  Re-vegetation Plan - based upon the appropriate requi  Site Reclamation Plan - based upon the appropriate re	upon the appropriate requirements of Subsection H of 19 15 17 13 NM rements of Subsection I of 19 15 17 13 NMAC	1AC		
17	·			
Siting Criteria (Regarding on-site closure methods only: Instructions Each siting criteria requires a demonstration of complianc certain siting criteria may require administrative approval from the app	19 15 17 10 NMAC  e in the closure plan Recommendations of acceptable source material are provided ropriate district office or may be considered an exception which must be submitted in soft 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 but		Yes No		
- NM Office of the State Engineer - iWATERS database search	h, USGS Data obtained from nearby wells	N/A		
Ground water is between 50 and 100 feet below the bottom of	f the buried waste	Yes No		
- NM Office of the State Engineer - iWATERS database search	1, 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	1, USGS, Data obtained from nearby wells	□N/A		
Within 300 feet of a continuously flowing watercourse, or 200 feet (measured from the ordinary high-water mark)	of any other significant watercourse or lakebed, sinkhole, or playa lake	Yes No		
- Topographic map; Visual inspection (certification) of the proj	posed site			
Within 300 feet from a permanent residence, school, hospital, institution - Visual inspection (certification) of the proposed site; Aerial pl	•••	Yes No		
Within 500 horizontal feet of a private, domestic fresh water well o purposes, or within 1000 horizontal fee of any other fresh water we - NM Office of the State Engineer - tWATERS database, Visua	• •	Yes No		
Within incorporated municipal boundaries or within a defined municipursuant to NMSA 1978, Section 3-27-3, as amended	cipal fresh water well field covered under a municipal ordinance adopted	Yes No		
- Written confirmation or verification from the municipality, W	ritten approval obtained from the municipality			
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map, Topograph	ic 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 EMI	NRD-Mining and Mineral Division			
Within an unstable area - Engineering measures incorporated into the design, NM Burea	uu of Geology & Mineral Resources, USGS, NM Geological Society,	Yes No		
Topographic map	,	l		
Within a 100-year floodplain - FEMA map		Yes No		
18 On-Site Closure Plan Checklist: (19 15 17 13 NMAC) In: by a check mark in the box, that the documents are attache	structions: Each of the following items must bee attached to the clo d.	sure plan. Please indicate,		
	on the appropriate requirements of 19 15.17 10 NMAC			
Proof of Surface Owner Notice - based upon the appro	opriate requirements of Subsection F of 19 15 17 13 NMAC			
	ble) based upon the appropriate requirements of 19.15 17 11 NMAC			
	nce burial of a drying pad) - based upon the appropriate requirements o	of 19 15 17 11 NMAC		
Protocols and Procedures - based upon the appropriate	•	0		
	on the appropriate requirements of Subsection F of 19.15 17.13 NMA	C		
	priate requirements of Subsection F of 19 15.17 13 NMAC	.1 1 1		
Soil Cover Design - based upon the appropriate requir		cannot be achieved)		
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				

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 Planformly) OCD Conditions (see attachment)  OCD Representative Signature:  Title: OCD Permit Number:
21
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:  July 15, 2008
A Closure Completion Date. Suly 13, 2000
22 Closure Method:  Waste Excavation and Removal  The different from approved plan, please explain  Waste Excavation  Waste Removal (Closed-loop systems only)
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 complialne to the items below) No Required for impacted areas which will not be used for future service and operations Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique  24  Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. X Proof of Closure Notice (surface owner and division) X Proof of Deed Notice (required for on-site closure) X Plot Plan (for on-site closures and temporary pits) 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       36.999811       °N       Longitude:       107.521278       °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). Crystal Tafoya Title. Regulatory Tech
Signature. Date: 2/4/20/0

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

Lease Name: ALLISON UNIT 13P & ALLISON UNIT 13N

API No.: 30-045-34376 & 30-045-34352

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 certified mail. (See Attached)(Well located on Private 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	1.0 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	21.5 ug/kG
TPH	EPA SW-846 418.1	2500	96.1 mg/kg
GRO/DRO	EPA SW-846 8015M	500	44.2 mg/Kg
Chlorides	EPA 300.1	1000/500	319 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 on 5/3/2009 with the following seeding regiment:

Туре	Variety or Cultivator	PLS/A		
Western wheatgrass	Arriba	3.0		
Indian ricegrass	Paloma or Rimrock	3.0		
Slender wheatgrass	San Luis	2.0		
Crested wheatgrass	Hy-crest	3.0		
Bottlebrush Squirreltail	Unknown	2.0		
Four-wing Saltbrush	Delar	.25		

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 on 5/3/2009 with the above seeding regiment. Seeing was accomplished via drilling on the contour whenever practical or by other division-approved methods. The OCD will be notified once two successive growing seasons have been accomplished by submitting a C-103.

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, Fee, ALLISON UNIT 13N & 13p, UL-F, Sec. 12, T 32N, R 7W, API # 30-045-34352 & 30-045-34376



ConocoPhillips Company GRFS / PTRRC – San Juan Business Unit Juanita Farrell 3401 East 30th Street Farmington, NM 87402 Telephone: (505) 326-9597 Facsimike: (505) 324-6136

July 29, 2008

#### VIA CERTIFIED MAIL - RETURN RECEIPT REQUESTED

7110-6605-9590-0026-0326

James R. Ford P.O. Box 4490 Pagosa Springs, CO 81147-1147

Subject:

Allison Unit 13N

NE Section 12, T32N, R7W San Juan County, New Mexico

Allison Unit 13P

NE Section 12, T32N, R7W San Juan County, New Mexico

#### Dear Landowner:

Pursuant to Paragraph 1 (b) of Subsection F of 19.15.17.13 NMAC, an operator shall provide the surface owner of the operator's proposal to close a temporary pit on-site in compliance with the on-site closure methods specified in the same Subsection of the NMAC. In compliance of this requirement, please consider this notification of ConocoPhillips' intent to close the temporary pit on the above referenced location.

If you have any questions, please contact Peggy McWilliams @ (505)326-9536.

Sincerely,

Juanita Farrell

Juanita Farrell Staff Associate, PTRRC STATE OF NEW MEXICO SECOUNTY OF SAN JUAN

**Burlington Resources Oil & Gas Company** 

#### RECORDATION NOTICE OF PIT BURIAL

In accordance with Section 19.15.17.13.F.1.f of the NMAC, operator hereby provides notice in the public record of an on-site burial of a temporary pit at the following location:

Well Name:	Allison Unit 13N
Unit Letter(1/4, 1/4):	F
Section:	12
Township:	32N
Range:	7W
County:	San Juan
State:	New Mexico

IN WITNESS WHEREOF, this Recordation Notice of Pit Burial has been executed on the date indicated below by the undersigned.

By: BROG GP Inc), its sole General Pa	artiner
Michael y Na	
By: Michael L.Mankin	
Title: Supervisor, PTRRC	
STATE OF SAN JUAN	§
COUNTY OF NEW MEXICO	§ §
mil'	1: 16th 1 is Transit 2010 to New 1
	ore me this 18th day of January 2010, by Michael L.
Mankin of Burlington Resources Oil and	d Gas Company, By: BROG GP Inc., its sole General Partner, on
behalf of said corporation	

Notary Public My commission expires: 1/13/2014



201000640 01/19/2010 12:38 PM 1 of 2 B1504 P640 R \$11.00 San Juan County, NM DEBBIE HOLMES



STATE OF NEW MEXICO
COUNTY OF SAN JUAN

#### RECORDATION NOTICE OF PIT BURIAL

In accordance with Section 19.15.17.13.F.1.f of the NMAC, operator hereby provides notice in the public record of an on-site burial of a temporary pit at the following location:

Well Name:	Allison Unit 13P
Unit Letter(1/4, 1/4):	F
Section:	12
Township:	32N
Range:	7W
County:	San Juan
State:	New Mexico

IN WITNESS WHEREOF, this Recordation Notice of Pit Burial has been executed on the date indicated below by the undersigned.

Burlington Resources Oil & Gas Com	pany
By: BROG GP Inc., its sole General Pa	artner //
Michael & Wa	
By: Michael L.Mankin	
Title: Supervisor, PTRRC	
STATE OF SAN JUAN	§ ·
	§
COUNTY OF NEW MEXICO	§
This instrument was acknowledged befo	re me this 18th day of January 2010, by Michael L.
Mankin of Burlington Resources Oil and	Gas Company, By: BROG GP Inc., its sole General Partner, on
behalf of said corporation.	



Notary Publ

201000619 01/19/2010 12:38 PM 1 of 2 B1504 P619 R \$11.00 San Juan County, NM DEBBIE HOLMES



OFFICIAL SEAL
JUANITA FARRELL
NOTARY PUBLIC - STATE OF NEW MEXICO

My commission expires:

DISTRICT ( 1625 N. Franch Dr., Hobbs, N.M. 88240

DISTRICT II 1301 W. Grand Ave., Artesia, H.M. 68210

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

DISTRIĆT IV 1220 South St. Francis Dr., Santa Fe, NM 87505

12

3

7-W

32-N

#### 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 Legse - 3 Copies

WEST

☐ AMENDED REPORT

SAN JUAN

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Numbe	*API Number		*Pool Code		*Pool Name			
<sup>4</sup> Property Code				•	orty Home DN UNIT		•	Well Number 13P
POGRED No.  BURLINGTON RESOURCES OIL & GAS COMPANY LP					*Devation 6356			
		<del></del>		10 Surf	ace Location			· · · · · · · · · · · · · · · · · · ·
10 or int on Sant	los Township	Demos	Lat Ido	Seet from	he Morth South She	Faul from the	Foot Allest Dog	·   6

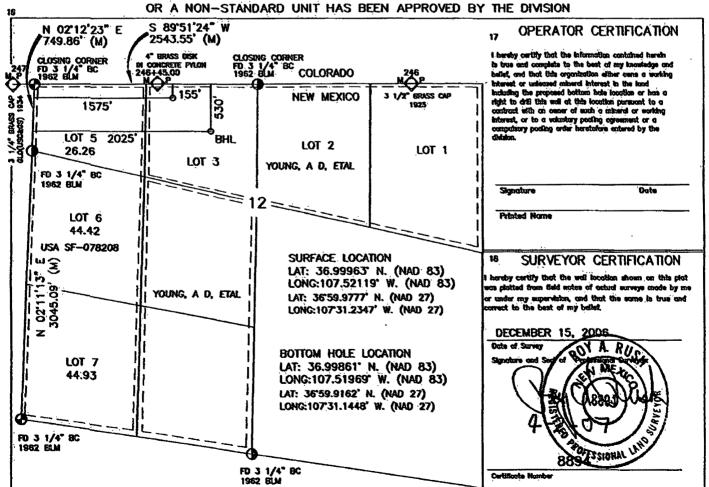
155 11 Rottom Hole Location of Different From Surface

NORTH

1575

n Township 32N	Range 1	Lot kin	Foot from the	NORTH The	Feet from the 2025	East/West fine WEST	County SAN JUAN
2.70	int or Infill	-		đa	<sup>10</sup> Order No.	<u> </u>	·
	32-N	32-N 7-W		37 11 300	32 11 1 990 1101111	500 101111 2020	333

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



DISTRICT I 1625 N. French-Dr., Hobbil, N.M. 88240

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

FD 3 1/4" BC 1962 BLM

### 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

POFESSIONAL LAN

•		, A	VELL LO	CATIC	N AND A	CREAGE DED	CATION PI	AT	
PAPI	Númber	<del></del>		Pool Code			Pool Nom	<u> </u>	<del></del>
*Property Co	xde ·				*Property	Name			Well Number
OGRID No		<del></del>	<del></del> -		ALLISON *	·			Elevátion
· OQAO IIO	·		BURLI	NGTON F		L & GAS COMPA	Y LP		6354
	,	-			10 Surface	Location			
Ör letnis 3	Section 12	Township 32.—N	Range 7W	Lat Idn	Feat from the	North/South fine NORTH	Feet from the 1624	East/West line WEST	County SAN JUAN
•			" Botto	m Hole	Location	If Different Fr	om Surface	,	
'ar lot no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County
2 edicated Acres	12	32-N	7-W		915 "Consolidation (	NORTH	2260	EAST	NAUL MAZ
	ACRES		Cart Ca thing.		Consumition		VIO NE		•
CLOSING CO FD 3 1/4 1962 BLM LOT 26,2	1624'	SUI	mon fi	OSING COL	NEW MEXICO	3 1/2° BRASS CAP	belief, and the interest of interest of interest of interest interest, or	complete to the best of hot this organization eith interesed mineral interest proposed bottom hote is this sell at this isoation in an owner of such a m to a waluntary pooling of pooling order heritafore	ner owns a working in the land ocation or has a pursuant to a ineral or working prement or a
FD 3 1/4" 1962 BLM				YOL	JNG, A D, ETAL	2260	Signatur	e	. Date
USA SF-G	.42			12=	SURFACE LOC	CATION O' N. (NAD 83) 101' W. (NAD 83)	Printed  18 Si	·	RTIFICATION on shown on this pla
02*11*13 3045.09*	<u> </u>	YOUNG.	À Ď, ÈTAL	1	LAT: 36'59.981	5' N. (NAD 27) 243 W. (NAD 27)	or under my	supervision, and that to bast of my ballet.	the some is true on

FD 3 1/4" BC 1962 BLM

NOTÉ:

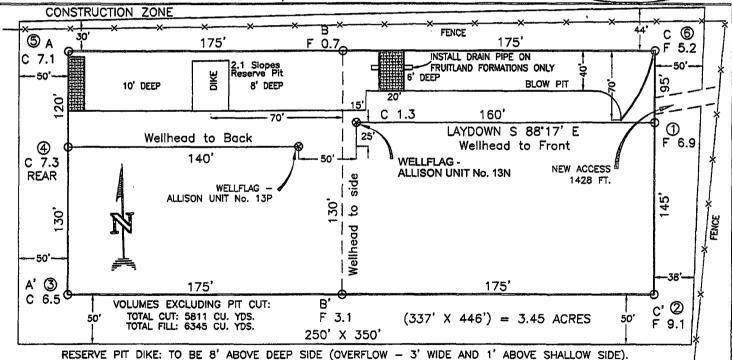
DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR



SECTION 12, T-32-N, R-7-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO GROUND ELEVATION: 6354, DATE: DECEMBER 15, 2006

COLORADO/NEW MEXICO STATE LINE

NAD 83 LAT. = 36.99970° N LONG. = 107.52101° W NAD 27 LAT. = 36'59.9815' N LONG. = 107'31.2243' W



BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO NOTE; ESTIMATED VOLUMES CALCULATED BY AVERAGE ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO END AREA AT CROSS—SECTION SHOWN EXCAVATION OR CONSTRUCTION.

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.

Daggett Enterprises, Inc.
Surveying and Oil Field Services
P. O. Box 15056 · Farmington, IN: 57401
Phone (505) 126-1772 · Fax (505) 126-6019
NEW MEXICO L.S. 8884
Distant Ga.A.G.

1 200462 ERREGIUM A.G.

DATE 03/21/0



#### EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Allison 13N, Allison 13P	Date Reported:	07-28-08
Laboratory Number:	46451	Date Sampled:	07-15-08
Chain of Custody No:	4657	Date Received:	07-21-08
Sample Matrix	Soil	Date Extracted:	07-25-08
Preservative:		Date Analyzed:	07-25-08
Condition:	Intact	Analysis Needed:	TPH-418.1

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

**Total Petroleum Hydrocarbons** 

96.1

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:

**Drill Pit Sample.** 

Analyst

Phrister of Walter



#### EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client	ConocoPhillips	Project #:	96052-0026
Sample ID:	Allison 13N, Allison 13P BG	Date Reported:	07-28-08
Laboratory Number:	46452	Date Sampled:	07-15-08
Chain of Custody No:	4657	Date Received:	07-21-08
Sample Matrix:	Soil	Date Extracted:	07-25-08
Preservative:		Date Analyzed:	07-25-08
Condition:	Intact	Analysis Needed:	TPH-418.1

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

**Total Petroleum Hydrocarbons** 

764

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:

Drill Pit Sample.

Analyst

Christian Wasters



# EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client: QA/QC Project #: N/A Sample ID: QA/QC Date Reported: 07-28-08 Laboratory Number: 07-25-TPH.QA/QC 46436 Date Sampled: N/A Sample Matrix: 07-25-08 Freon-113 Date Analyzed: Preservative: N/A Date Extracted: 07-25-08 Condition: N/A Analysis Needed: **TPH** 

 Calibration
 I-Cal Date
 C-Cal Date
 I-Cal RF:
 C-Cal RF:
 % Difference
 Accept. Range

 07-02-08
 07-25-08
 1,440
 1,330
 7.6%
 +/- 10%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

TPH

ND

11.5

Duplicate Conc. (mg/Kg)SampleDuplicate% DifferenceAccept. RangeTPH2562454.5%+/- 30%

Spike Conc. (mg/Kg) Sample Spike Added Spike Result % Recovery Accept Range TPH 256 2,000 2,450 109% 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 46436 - 46439 and 46451 - 46456.

Analyst

Review Western Western



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

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Allison 13N/13P	Date Reported:	07-28-08
Laboratory Number:	46451	Date Sampled: $$	07-15-08
Chain of Custody No:	4657	Date Received:	07-21-08
Sample Matrix:	Soil	Date Extracted:	07-23-08
Preservative:		Date Analyzed:	07-24-08
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)	44.2	0.1	
Total Petroleum Hydrocarbons	44.2	0.2	

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Comments:

**Drill Pit Sample** 

Analyst

Muster Master

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:	Allison 13N/13P Background	Date Reported:	07-28-08
Laboratory Number:	46452	Date Sampled:	07-15-08
Chain of Custody No:	4657	Date Received:	07-21-08
Sample Matrix:	Soil	Date Extracted:	07-23-08
Preservative:		Date Analyzed:	07-24-08
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)	35.2	0.1	
Total Petroleum Hydrocarbons	35.2	0.2	

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Comments:

**Drill Pit Sample** 

Analyst

Mustum Wasters Béview

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:	07-24-08 QA/QC	Date Reported:	07-28-08
Laboratory Number:	46436	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-24-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	l-¢al RF≥	C/Cal RF	% Difference:	Accept Range
Gasoline Range C5 - C10	05-07-07	9.9634E+002	9.9674E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.8291E+002	9.8330E+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	0.9	1.1	22.2%	0 - 30%
Diesel Range C10 - C28	55.2	54.9	0.5%	0 - 30%

Spike Gonc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	0.9	250	247	98.4%	75 - 125%
Diesel Range C10 - C28	55.2	250	303	99.3%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Comments:

QA/QC for Samples 46436 - 46439 and 46451 - 46454.

Analyst



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Allison 13N/13P	Date Reported:	07-28-08
Laboratory Number:	46451	Date Sampled:	07-15-08
Chain of Custody:	4657	Date Received:	07-21-08
Sample Matrix:	Soil	Date Analyzed:	07-24-08
Preservative:		Date Extracted:	07-23-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	A title tolk for the control of the
•			
Benzene	1.0	0.9	
Toluene	7.5	1.0	
Ethylbenzene	1.2	1.0	
p,m-Xylene	7.5	1.2	
o-Xylene	4.3	0.9	
Total BTFX	21.5		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 <b>%</b>
	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:

**Drill Pit Sample** 

Analyst

( Misting Walter Review



### EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	ConocoPhillips	Project #:	96052-0026
Sample ID:	Allison 13N/13P Background	Date Reported:	07-28-08
Laboratory Number:	46452	Date Sampled:	07-15-08
Chain of Custody:	4657	Date Received:	07-21-08
Sample Matrix:	Soil	Date Analyzed:	07-24-08
Preservative:		Date Extracted:	07-23-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentrátion (ug/Kg)	Det. Limit (ug/Kg)	
B	A150		
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:

**Drill Pit Sample** 

Analyst

Review Master



### EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	07-24-BT QA/QC	Date Reported:	07-28-08
Laboratory Number:	46436	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-24-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF.	C-Cal RF: Accept Rand		Blank Conc	Detect.
Benzene	9.8284E+007	9.8481E+007	0.2%	ND	0.1
Toluene	7.6340E+007	7.6493E+007	0.2%	ND	0.1
Ethylbenzene	5.9620E+007	5.9739E+007	0.2%	ND	0.1
p,m-Xylene	1.1940E+008	1.1964E+008	0.2%	ND	0.1
o-Xylene	5.6154E+007	5.6267E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample B	uplicate	%DIF:	Accept Range	Detect Limit
Benzene	5.7	5.6	1.8%	0 - 30%	0.9
Toluene	23.3	22.9	1.7%	0 - 30%	1.0
Ethylbenzene	5.5	5.1	7.3%	0 - 30%	1.0
p,m-Xylene	47.1	46.0	2.3%	0 - 30%	1.2
o-Xylene	15.3	15.0	2.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample Amo	ount Spiked Spik	ked Sample.	% Recovery	Accept Range
Benzene	5.7	50.0	55.3	99.3%	39 - 150
Toluene	23.3	50.0	71.3	97.3%	46 - 148
Ethylbenzene	5.5	50.0	52.5	94.6%	32 - 160
p,m-Xylene	47.1	100	141	95.9%	46 - 148
o-Xylene	15.3	50.0	60.3	92.3%	46 - 148

ND - Parameter not detected at the stated detection limit.

References:

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

December 1996.

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

Comments:

QA/QC for Samples 46436 - 46439 and 46449 - 46454.

Analyst

Charter M. Wasters



#### TRACE METAL ANALYSIS

Review Waster

Client:	ConocoPhilips	Project #:	96052-0026
Sample ID:	Allison 13N Allison 13P	Date Reported:	07-28-08
Laboratory Number:	46451	Date Sampled:	07-15-08
Chain of Custody:	4657	Date Received:	07-21-08
Sample Matrix:	Soil	Date Analyzed:	07-23-08
Preservative:		Date Digested:	07-23-08
Condition:	Intact	Analysis Needed:	Total Metals

		Det.	TCLP Regulatory
	Concentration	Limit	Level
Parameter	(mg/Kg)	(mg/Kg)	(mg/Kg)
Arsenic	0.039	0.001	5.0
Barium	142	0.001	100
Cadmium	0.024	0.001	1.0
Chromium	0.384	0.001	5.0
Lead	0.480	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.080	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:

**Drill Pit Sample.** 

Analyst



#### **TRACE METAL ANALYSIS**

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Allison 13N Allison 13P Background	Date Reported:	07-28-08
Laboratory Number:	46452	Date Sampled:	07-15-08
Chain of Custody:	4657	Date Received:	07-21-08
Sample Matrix:	Soil	Date Analyzed:	07-23-08
Preservative:		Date Digested:	07-23-08
Condition:	Intact	Analysis Needed:	Total Metals

	Concentration	Det. Limit	TCLP Regulatory Level
Parameter	(mg/Kg)	(mg/Kg)	(mg/Kg)
Arsenic	0.043	0.001	5.0
Barium	38.8	0.001	100
Cadmium	0.176	0.001	1.0
Chromium	0.391	0.001	5.0
Lead	0.503	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.007	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:

**Drill Pit Sample.** 

Analyst

(Moster M Walter Beview



## TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

T							
Client:		QA/QC		Project #			QA/QC
Sample ID:		07-23 TM	OA/AC	Date Rec			07-28-08
Laboratory Number:		46451		Date San			N/A
Sample Matrix:		Soil		Date Rec	•		N/A
Analysis Requested:		Total RCR	A Metals	Date Ana			07-23-08
Condition:		N/A		Date Dig	-		07-23-08
normalism and make state of the control of the cont	gyrri, frystaganskar nais	والمالية وال		n 1834 tyskilden flyssom communication		and the property of the second	ر مراسع به در المراسع المراسع المراسع في المراسع المرا
	Instrumen lank (mg/r		Detection Limit	THE PERSON AND THE PERSON AND ADDRESS OF THE	e Duplicate	y Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.039	0.038	4.6%	0% - 30%
Barium	ND	ND	0.001	142	147	3.5%	0% - 30%
Cadmium	ND	ND	0.001	0.024	0.025	4.1%	0% - 30%
Chromium	ND	ND	0.001	0.384	0.396	3.2%	0% - 30%
Lead	ND	ND	0.001	0.480	0.488	1.5%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.080	0.086	7.5%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Spike		Spike	Sampl	e Spike	i Percent		Acceptance
Conc. (mg/Kg)		Added		Sampl			Range
Arsenic		0.250	0.039	0.285	98.5%		80% - 120%
Barium		0.500	142	143.0	100.4%		80% - 120%
Cadmium		0.250	0.024	0.266	96.9%		80% - 120%
Chromium		0.500	0.384	0.836	94.6%		80% - 120%
Lead		0.500	0.480	0.866	88.4%		80% - 120%
Mercury		0.100	ND	0.098	98.0%		80% - 120%
Selenium		0.100	0.080	0.182	101%		80% - 120%
Silver		0.100	ND	0.094	94.4%		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 Emmission

Spectorscopy, SW-846, USEPA, December 1996.

Comments:

QA/1QC for Samples 46451 - 46458 and 46464 - 46465.

Analysi

/ Mestry Walt



#### **CATION / ANION ANALYSIS**

Client	ConocoPhillips	Project #:	96052-0026
Sample ID:	Allison 13N Allison 13P	Date Reported:	07-24-08
Laboratory Number:	46451	Date Sampled:	07-15-08
Chain of Custody:	4657	Date Received:	07-21-08
Sample Matrix	Soil Extract	Date Extracted:	07-23-08
Preservative:		Date Analyzed:	07-24-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	7.50	S.U.		
Conductivity @ 25° C	1,070	umhos/cm		
	-			
Total Dissolved Solids @ 180C	780	mg/L ,		
Total Dissolved Solids (Calc)	746	mg/L		
SAR	12.3	ratio		
Total Alkalinity as CaCO3	98.0	mg/L		
Total Hardness as CaCO3	71.7	mg/L		
Bicarbonate as HCO3	98.0	mg/L	1.61	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	0.199	mg/L	0.00	meq/L
Nitrite Nitrogen	0.002	mg/L	0.00	meq/L
Chloride	319	mg/L	9.00	meq/L
Fluoride	1.07	mg/L	0.06	meq/L
Phosphate	0.316	mg/L	0.01	meq/L
Suifate	81.4	mg/L	1.69	meq/L
Iron	1.40	` mg/L	0.05	meq/L
Calcium	24.0	mg/L	1.20	meq/L
Magnesium	2.88	mg/L	0.24	meq/L
Potassium	18.5	mg/L	0.47	meq/L
Sodium	239	mg/L	10.40	meq/L
Cations			12.35	meq/L
Anions			12.37	meq/L
Cation/Anion Difference			0.13%	

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: Drill Pit Sample.

Analyst

Anstern Walter Review



#### **CATION / ANION ANALYSIS**

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Allison 13N Allison 13P Background	Date Reported:	07-24-08
Laboratory Number:	46452	Date Sampled:	07-15-08
Chain of Custody:	4657	Date Received:	07-21-08
Sample Matrix:	Soil Extract	Date Extracted:	07-23-08
Preservative:		Date Analyzed:	07-24-08
Condition:	Intact	-	

	Analytical			
Parameter	Result	Units		
pH	7.53	s.u.		
Conductivity @ 25° C	173	umhos/cm		
Total Dissolved Solids @ 180C	98.0	mg/L		
Total Dissolved Solids (Calc)	87.6	mg/L		
SAR	2.4	ratio		
Total Alkalinity as CaCO3	70.0	mg/L		
Total Hardness as CaCO3	16.8	mg/L		
Bicarbonate as HCO3	70.0	mg/L	1.15	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	4.69	mg/L	0.08	meq/L
Nitrite Nitrogen	1.59	mg/L	0.03	meq/L
Chloride	2.66	mg/L	80.0	meq/L
Fluoride	1.65	mg/L	0.09	meq/L
Phosphate	0.530	mg/L	0.02	meq/L
Sulfate	2.64	mg/L	0.06	meq/L
<b>Iron</b>	2.29	mg/L	80.0	meq/L
Calcium	4.46	mg/L	0.22	meq/L
Magnesium	1.38	mg/L	0.11	meq/L
Potassium	2.554	mg/L	0.07	meq/L
Sodium	23.0	mg/L	1.00	meq/L
Cations			1.48	meq/L
Anions			1.49	meq/L
Cation/Anion Difference			0.47%	

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: Drill Pit Sample.

Analyst

Ahrstung Weller Review

Submit To Appropriate District Office State of New Mexico Form C-105 Two Copies July 17, 2008 District I Energy, Minerals and Natural Resources 1625 N French Dr , Hobbs, NM 88240 1. WELL API NO. District II 30-045-34376 & 30-045-34352 1301 W Grand Avenue, Artesia, NM 88210 Oil Conservation Division Type of Lease District III 1000 Rio Brazos Rd , Aztec, NM 87410 1220 South St. Francis Dr. STATE 🛛 FEE ☐ FED/INDIAN State Oil & Gas Lease No. Santa Fe, NM 87505 1220 S St Francis Dr , Santa Fe, NM 87505 WELL COMPLETION OR RECOMPLETION REPORT AND LOG 4. Reason for filing: 5. Lease Name or Unit Agreement Name **Allison Unit** COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) 6. Well Number: 13N & 13P C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19 15.17.13.K NMAC) 7. Type of Completion ☑ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER 8 Name of Operator 9 OGRID 14538 Burlington Resources Oil Gas Company, LP 11 Pool name or Wildcat 10. Address of Operator PO Box 4298, Farmington, NM 87499 Unit Ltr Section Township Range Lot Feet from the N/S Line Feet from the E/W Line County 12.Location Surface: BH: 15. Date Rig Released 13. Date Spudded 14 Date T D. Reached 17. Elevations (DF and RKB, 16. Date Completed (Ready to Produce) 2/29/2008 RT, GR, etc.) 18. Total Measured Depth of Well 19. Plug Back Measured Depth 20. Was Directional Survey Made? 21. Type Electric and Other Logs Run 22. Producing Interval(s), of this completion - Top, Bottom, Name **CASING RECORD** (Report all strings set in well) 23. HOLE SIZE CEMENTING RECORD CASING SIZE WEIGHT LB./FT DEPTH SET AMOUNT PULLED LINER RECORD 25 TUBING RECORD 24. SIZE TOP BOTTOM SACKS CEMENT | SCREEN SIZE DEPTH SET PACKER SET Perforation record (interval, size, and number) 27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. AMOUNT AND KIND MATERIAL USED DEPTH INTERVAL **PRODUCTION** 28 Date First Production Well Status (Prod. or Shut-in) Production Method (Flowing, gas lift, pumping - Size and type pump) Water - Bbl. Gas - Oıl Ratıo Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl Gas - MCF Test Period Oil Gravity - API - (Corr.) Flow Tubing Casing Pressure Calculated 24-Oil - Bbl. Gas - MCF Water - Bbl. Press. Hour Rate 30. Test Witnessed By 29. Disposition of Gas (Sold, used for fuel, vented, etc.) 31. List Attachments 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. 33. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude 36.999811°N Longitude 107.521278°W NAD □1927 □1983 I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Name Crystal Tafoya Title: Regulatory Tech

Date: 2/4/2010

Printed

Signature

E-mail Address crystal.tafoya@conocophillips.com

## ConocoPhillips

Pit Closure Form:		
Date: 7-15-2008	<u> </u>	
Well Name: Allison	13 N Allison 131	<u>'</u>
Footages: 155 FNL	ISTS FUL	Unit Letter:
Section: $\frac{\sqrt{2}}{\sqrt{2}}$ , T- $\frac{\sqrt{2}\sqrt{2}}{\sqrt{2}}$ -	N, R- <u></u> -W, County: <u>కర</u>	State: New
Contractor Closing Pit:	Ace	
Construction Inspector:		
Inspector Signature:	James J.	

#### Jaramillo, Marie E

From:

Busse, Dollie L

Sent:

Thursday, July 10, 2008 12:00 PM

To:

Brandon Powell@state.nm.us; Mark Kelly; Robert Switzer; Sherrie Landon

Cc:

'Faver Norman'; acedragline@yahoo.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:

FW: Clean Up Notice - Allison 13N / 13P (Twinned Locations)

Importance:

High

Attachments:

Allison 13N & 13P.PDF

Ace Services will move a tractor to the Allison 13N & 13P (twinned) on Sunday, July 13 to start the reclamation process. Please contact Norman Faver (320-0670) if you have any questions or need additional information. Thanks!

Dollie

Network #:

Allison 13N - 10189920

Allison 13P - 10189889

Allison 13N:

Operator:

**Burlington Resources** 

Legals:

132' FNL, 1624' FWL Section 12, T32N, R7W Unit Letter 'F' (SENW)

San Juan County, NM

API#:

30-045-34376

Surface/Minerals:

Fee/Fee

Allison 13P:

Operator:

**Burlington Resources** 

Legals:

155' FNL, 1575' FWL Section 12, T32N, R7W Unit Letter 'F' (SENW) San Juan County, NM

API#:

30-045-34352

Surface/Minerals:

Fee/Fee



# ConocoPhillips

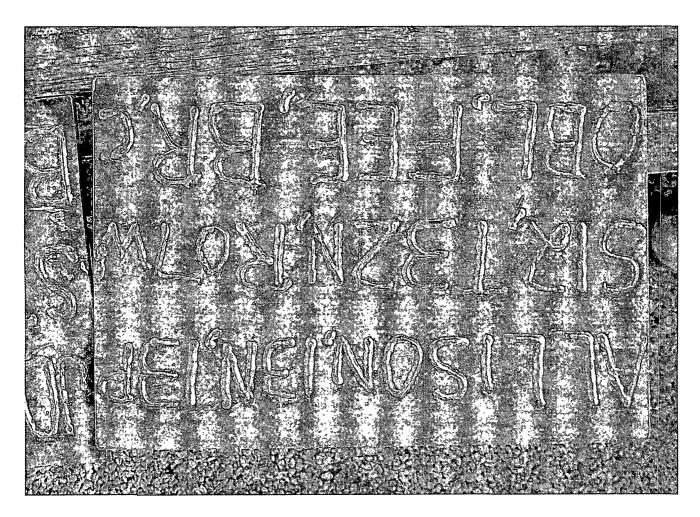
Reclamation Form:	
Date: 7-4-09	
Well Name: ALLISON	4NIT 13N
Footages: 132 FNL	<i>1624 FWL</i> Unit Letter: <i>F</i>
Section: <u>/2</u> , T- <u>32</u> -N, R	R- <u>7</u> -W, County: <u>3丁</u> State: <u>ルM</u>
Reclamation Contractor:	AGE
	5-2-05
Road Completion Date:	
Seeding Date:	-3-09
	<i>M</i> -
Construction Inspector:	ON FANCE Date: 5-4-05
Inspector Signature:	Worman F

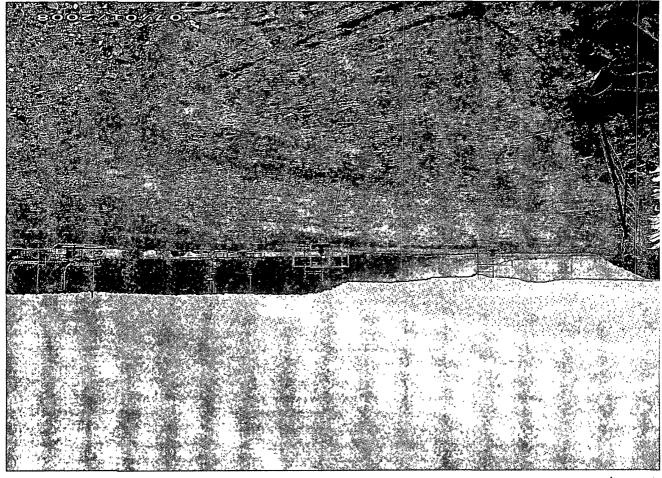
## ConocoPhillips

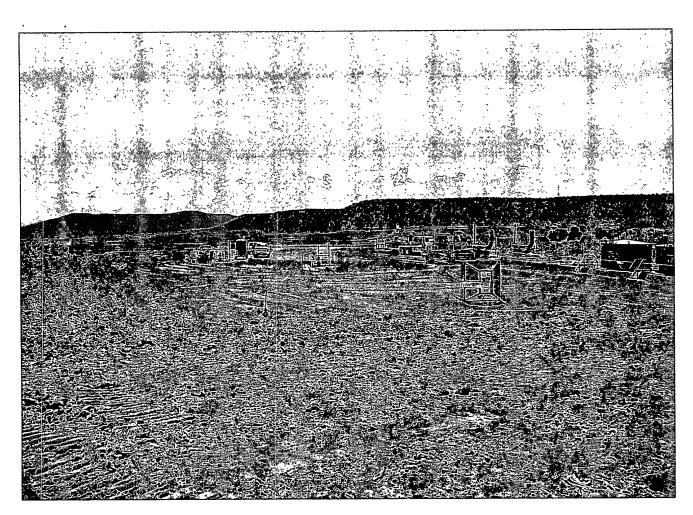
Reclamation Form:	
Date: 5-4-05	-
Well Name: ALYSON	UNIT 13P
Footages: 155 FNL	1575 FWL Unit Letter: F
Section: <u>12</u> , T- <u>32</u> -N	, R- <u>ク</u> -W, County: <u> </u>
Reclamation Contractor: _	ACE
Reclamation Date:	5-2-09
Road Completion Date: _	
Seeding Date: _	5-2-09
	•
Construction Inspector: _	Norm Fruen Date: 5-4-07
Inspector Signature:	Noman D













### WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME: Allison Unit 13N & 13P

API#: 30-045-34376 & 30-045-34352

DATE	INSPECTOR	SAFETY CHECK	LOCATION CHECK	PICTURES TAKEN	COMMENTS
2/5/08	Eric Scott				Unable to access location due to weather
2/20/08	Eric Scott				Unable to access due to weather
3/11/08	Eric Scott	X	Х	Х	Liner is torn below water, called trucks to pull water
3/18/08	Eric Scott				See Allison 13 P
4/7/08	T. Jones				Rig 29 on 13P location
4/21/08	Johnny R. McDonald	X	X	Х	Rig on location
5/6/08	Jared Chavez				Drake Rig #29 is on location
5/27/08	Jared Chavez	X	Х	Х	Fence needs tightened and blow pit is burned, called MVCI
6/10/08	Jared Chavez	X	Х	Х	Pit and location in good condition
6/17/08	Jared Chavez	X	Х	Х	Fence needs tightened, liner needs rekeyed, called MVCI
6/24/08	Jared Chavez	X	Х	Х	Pit and location in good condition
7/1/08	Jared Chavez	X	Х	Х	Pit and location in good condition
7/8/08	Jared Chavez	X	Х	Х	Pit and location in good condition
7/15/08	Jared Chavez	Χ			Location is in the process of reclamation