District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

### State of New Mexico Energy Minerals and Natural Resources

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

 $Form\ C\text{-}144$   $July\ 21,\ 2008$  For temporary pits, closed-loop sytems, and below-grade

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

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		M 87505	For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.
	t, Closed-Loop Syste	m. Below-Grad	le Tank, or
			sure Plan Application
Type of action:	Permit of a nit closed-loon	system helow-grade t	ank, or proposed alternative method
O Type of action.			tank, or proposed alternative method
, <u>E</u>	Modification to an existing p	_	talk, or proposed alternative method
		for an existing permi	tted or non-permitted pit, closed-loop system,
Instructions: Please submit one applic	cation (Form C-144) per ind	ividual pit, closed-loo	p system, below-grade tank or alternative request
Please be advised that approval of this r	equest does not relieve the operator of	liability should operations re	sult in pollution of surface water, ground water or the
1	e operator or its responsibility to compl	y with any other applicable g	overnmental authority's rules, regulations or ordinances.
Operator: Burlington Resources Oil & O	Gas Company, LP		OGRID#: 14538
Address: P.O. Box 4289, Farmington,	NM 87499		
Facility or well name: KAIME 2P			
API Number: 30-03	9-30939	OCD Permit Number	er:
U/L or Qtr/Qtr: D(NW/NW) Section:	20 Township: 261	· N Range:	6W County: Rio Arriba
Center of Proposed Design: Latitude:	36.477101 °N	Longitude:	107.497035 °W NAD: 1927 X 1983
Surface Owner: X Federal	State Private	Tribal Trust or India	
		-	
2 X Pit: Subsection F or G of 19.15.17.11 1	NMAC		OIL CONS. DIV DIST. 3
Temporary: X Drilling Workove	r		DEC 1 0 2012
Permanent Emergency Cavita	ition P&A		DEL I 0 2012
X Lined Unlined Liner t	ype: Thickness 20 n	nil X LLDPE	HDPE PVC Other
X Lined Unlined Liner to X String-Reinforced	ype: Thickness 20 n	nil X LLDPE	
		Volume:	HDPE PVC Other
X String-Reinforced  Liner Seams: X Welded X Factors  Closed-loop System: Subsection F	y Other  H of 19.15.17.11 NMAC  iilling a new well Workove notice of teel Tanks Haul-off Bins e: Thickness mi	Volume:	HDPE PVC Other
X String-Reinforced Liner Seams: X Welded X Factors  Closed-loop System: Subsection Factors  Type of Operation: P&A Dri  Drying Pad Above Ground State Cliner Seams: Welded Factors	y Other  H of 19.15.17.11 NMAC  illing a new well Workove notice of teel Tanks Haul-off Bins e: Thickness mi	Volume:	bbl Dimensions L 120' x W 55' x D 12'  activities which require prior approval of a permit or
X String-Reinforced Liner Seams: X Welded X Factors  Closed-loop System: Subsection F Type of Operation: P&A Dri Drying Pad Above Ground St Lined Unlined Liner type Liner Seams: Welded Factors  Below-grade tank: Subsection I of I	Other  Of 19.15.17.11 NMAC  It of 19.15.17.11 NMAC  It of 19.15.17.11 NMAC  It of 19.15.17.11 NMAC  It of 19.15.17.11 NMAC	Volume:	bbl Dimensions L 120' x W 55' x D 12'  activities which require prior approval of a permit or
X String-Reinforced Liner Seams: X Welded X Factors  Closed-loop System: Subsection Factors  Closed-loop System: Subsection Factors  Drying Pad Above Ground String Lined Unlined Liner type Liner Seams: Welded Factors  Below-grade tank: Subsection I of I  Volume: bbl	y Other  I of 19.15.17.11 NMAC  illing a new well Workove notice of teel Tanks Haul-off Bins e: Thickness mi  y Other  9.15.17.11 NMAC  Type of fluid:	Volume:	bbl Dimensions L 120' x W 55' x D 12'  activities which require prior approval of a permit or
X String-Reinforced Liner Seams: X Welded X Factory  Closed-loop System: Subsection Factory  Closed-loop System: Subsection Factory  Drying Pad Above Ground String Lined Unlined Liner type Liner Seams: Welded Factory  Below-grade tank: Subsection I of I  Volume: bbl  Tank Construction material:  Secondary containment with leak detection  Visible sidewalls and liner	y Other  H of 19.15.17.11 NMAC  iilling a new well Workove notice of teel Tanks Haul-off Bins e: Thickness mile of the Markove	Volume:	bbl Dimensions L 120' x W 55' x D 12'  activities which require prior approval of a permit or
X String-Reinforced Liner Seams: X Welded X Factory  Closed-loop System: Subsection Factory  Closed-loop System: Subsection Factory  Drying Pad Above Ground String Lined Unlined Liner type Liner Seams: Welded Factory  Below-grade tank: Subsection I of I  Volume: bbl  Tank Construction material:  Secondary containment with leak detection I of I  Visible sidewalls and liner	y Other  H of 19.15.17.11 NMAC  iilling a new well Workove notice of teel Tanks Haul-off Bins e: Thickness mile of the Markove	Volume:	bbl Dimensions L 120' x W 55' x D 12'  activities which require prior approval of a permit or
X String-Reinforced Liner Seams: X Welded X Factory  Closed-loop System: Subsection Factory  Closed-loop System: Subsection Factory  Drying Pad Above Ground String Lined Unlined Liner type Liner Seams: Welded Factory  Below-grade tank: Subsection I of I  Volume: bbl  Tank Construction material:  Secondary containment with leak detection  Visible sidewalls and liner	y Other  H of 19.15.17.11 NMAC  iilling a new well Workove notice of teel Tanks Haul-off Bins e: Thickness mile of the Markove	Volume:	bbl Dimensions L 120' x W 55' x D 12'  activities which require prior approval of a permit or
X String-Reinforced Liner Seams: X Welded X Factors  Closed-loop System: Subsection F Type of Operation: P&A Dri Drying Pad Above Ground St Lined Unlined Liner type Liner Seams: Welded Factors  Below-grade tank: Subsection I of I Volume: bbl Tank Construction material: Secondary containment with leak detection Visible sidewalls and liner Liner Type: Thickness  Alternative Method:	Other  I of 19.15.17.11 NMAC  Illing a new well	Volume:	bbl Dimensions L 120' x W 55' x D 12'  activities which require prior approval of a permit or

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Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)  Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)  Four foot height, four strands of barbed wire evenly spaced between one and four feet  Alternate. Please specify				
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)  Screen Netting Other  Monthly inspections (If netting or screening is not physically feasible)				
Signs: Subsection C of 19.15.17.11 NMAC  12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  X Signed in compliance with 19.15.3.103 NMAC				
Administrative Approvals and Exceptions:  Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.  Please check a box if one or more of the following is requested, if not leave blank:  Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval.  (Fencing/BGT Liner)  Exception(s): Requests must be submitted to the Santa Fe 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) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□NA			
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applied to permanent pits)  - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No			
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes No			
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.				
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended  - Written confirmation or verification from the municipality; Written approval obtained from the municipality	YesNo			
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No			
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes No			
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes No			
Within a 100-year floodplain - FEMA map	Yes No			

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Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment ChecklistSubsection 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 Design (additionable of the state of
Treviously Approved Operating and Wallichance Flair 741
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
Climatological Factors Assessment
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 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
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Closure Flair - based upon the appropriate requirements of subsection C of 17,13,17.7 HitrAc and 17.13.17.13 HitrAc
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative
Proposed Closure Method: Waste Excavation and Removal
Waste Removal (Closed-loop systems only)
On-site Closure Method (only for temporary pits and closed-loop systems)
In-place Burial On-site Trench
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
15
Waste Excavation and Removal Closure Plan Checklist (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.
Please indicate, by a check mark in the box, that the documents are attached.
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)  Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground S Instructions: Please identify the facility or facilities for the disposal of liquids, drillin	<u>teel Tanks or Haul-off Bins Only:</u> (19.15.17.13.D NMAC) og fluids and drill cuttings. Use attachment if more than two	
facilities are required.		
Disposal Facility Name:	Disposal Facility Permit #:	
Disposal Facility Name:  Will any of the proposed closed-loop system operations and associated active	Disposal Facility Permit #:	service and
Yes (If yes, please provide the information No	·	
Required for impacted areas which will not be used for future service and operation.  Soil Backfill and Cover Design Specification - based upon the appro  Re-vegetation Plan - based upon the appropriate requirements of Subs	priate requirements of Subsection H of 19.15.17.13 N	MAC
Site Reclamation Plan - based upon the appropriate requirements of St		
17		
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMA	vC	
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. I certain siting criteria may require administrative approval from the appropriate district office of		
office for consideration of approval. Justifications and/or demonstrations of equivalency are re		uma I e Birri onmendi Bureuu
Ground water is less than 50 feet below the bottom of the buried waste.		Yes No
- NM Office of the State Engineer - iWATERS database search; USGS: Data of	otained from nearby wells	□N/A
Ground water is between 50 and 100 feet below the bottom of the buried wa	aste	Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data ob	stained from nearby wells	N/A
Ground water is more than 100 feet below the bottom of the buried waste.		— ∏Yes ∏No
- NM Office of the State Engineer - iWATERS database search; USGS; Data ob	otained from nearby wells	□N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signi	ificant watercourse or lakehed sinkhole or playa lake	☐ ☐Yes ☐No
(measured from the ordinary high-water mark).	means watercoarse of nancoca, simulate, or plays take	
- Topographic map; Visual inspection (certification) of the proposed site	to the second second	
Within 300 feet from a permanent residence, school, hospital, institution, or church i  - Visual inspection (certification) of the proposed site; Aerial photo; satellite ima	••	∐Yes ∐No
		Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less the purposes, or within 1000 horizontal fee of any other fresh water well or spring, in expension of the State Facilities with ATTERS to the set Visual insertion (and	istence at the time of the initial application.	
<ul> <li>NM Office of the State Engineer - iWATERS database; Visual inspection (certi- Within incorporated municipal boundaries or within a defined municipal fresh water v pursuant to NMSA 1978, Section 3-27-3, as amended.</li> </ul>		Yes No
- Written confirmation or verification from the municipality; Written approval of	otained from the municipality	
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; Visual in	spection (certification) of the proposed site	∐Yes ∐No
Within the area overlying a subsurface mine.		Yes No
- Written confiramtion or verification or map from the NM EMNRD-Mining and	Mineral Division	
Within an unstable area.	Minoral Passaurasa, LISCS, NIM Contarioral Society	∐Yes ∐No
<ul> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Topographic map</li> </ul>	wineral Resources; USGS; NM Geological Society;	
Within a 100-year floodplain.		Yes No
- FEMA map		
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each	ch of the following items must bee attached to the clo	sure plan. Please indicate,
by a check mark in the box, that the documents are attached.		
Siting Criteria Compliance Demonstrations - based upon the appropri	-	
Proof of Surface Owner Notice - based upon the appropriate required		
Construction/Design Plan of Burial Trench (if applicable) based upo	** * *	
Construction/Design Plan of Temporary Pit (for in place burial of a composition of a composition of the appropriate requirements).		5 OT 19.15.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements		IAC
Waste Material Sampling Plan - based upon the appropriate requiren	•	
Disposal Facility Name and Permit Number (for liquids, drilling flui		ls cannot be achieved)
Soil Cover Design - based upon the appropriate requirements of Sub		
Re-vegetation Plan - based upon the appropriate requirements of Sul		
Site Reclamation Plan - based upon the appropriate requirements of	Subsection G of 19.15.17.13 NMAC	

Form C-144

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:
C-man address.
OCD Approval: Permit Application (including closule plan) Closure Plan (only) OCD Conditions (see attachment)  OCD Representative Signature: Approval Date: 12/12/20(2  Title: OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.    X   Closure Completion Date:   August 13, 2012
Closure Method:  Waste Excavation and Removal  The different from approved plan, please explain.  Closure Method:  Alternative Closure Method  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 compliant to the items below)  Required for impacted areas which will not be used for future service and operations:  Site Reclamation (Photo Documentation)  Soil Backfilling and Cover Installation  Re-vegetation Application Rates and Seeding Technique
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.  X Proof of Closure Notice (surface owner and division) X Proof of Deed Notice (required for on-site closure) X Plot Plan (for on-site closures and temporary pits) X Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) X Disposal Facility Name and Permit Number X Soil Backfilling and Cover Installation X Re-vegetation Application Rates and Seeding Technique X Site Reclamation (Photo Documentation) On-site Closure Location: Latitude: 36.477344 °N Longitude: 107.49729 °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): Jamie Gopdwin Title: Regulatory Tech.
Signature: 12/7/12
e-mail address: jamie.l.goodwin@conocophillips.com Telephone: 505-326-9784

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Form C-144

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

Lease Name: KAIME 2P API No.: 30-039-30939

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

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

#### **General Plan:**

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

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

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

The pit was closed using onsite burial.

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

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

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

The closure plan requirements were met due to rig move off date as noted on C-105.

- 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:
  - 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	10.0 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	236 ug/kG
TPH	EPA SW-846 418.1	2500	81.3mg/kg
GRO/DRO	EPA SW-846 8015M	500	ND mg/Kg
Chlorides	EPA 300.1	1000/500	120 mg/L

9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. If standard testing fails BR will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.

The pit material passed solidification and testing standards. The pit area was then backfilled with compacted, non-waste containing, earthen material. More than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

10. During the stabilization process if the liner is ripped by equipment the Aztec OCD office will be notified within 48 hours and the liner will be repaired if possible. If the liner can not be repaired then all contents will be excavated and removed.

The integrity of the liner was not damaged in the pit closure process.

11. Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011

Dig and Haul was not required.

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final recontour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The pit area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Reshaping included drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

13. Notification will be sent to OCD when the reclaimed area is seeded.

Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

14. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

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

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

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

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, BLM, KAIME 2P, UL-D, Sec. 20, T 26NN, R 6WW, API # 30-039-30939

### Jaramillo, Marie E

From:

Jaramillo, Marie E

Sent:

Thursday, March 04, 2010 10:42 AM

To:

Subject:

'mark\_kelly@nm.blm.gov' SURFACE OWNER NOTIFICATION 03/04/10

The subject well will have a temporary pit that will be closed on site. Please let me know if you have any questions. Thanks

**SAN JUAN 28-7 UNIT 409S SAN JUAN 32-9 UNIT 123** KAIME 2P 🗸

Marie Jaramillo Staff Regulatory Tech. ConocoPhillips Office # (505) 326-9865 Fax # (505) 599-4062 mailto:marie.e.jaramillo@conocophillips.com District I

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

1301 W. Grand Avenue, Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410 District IV

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

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

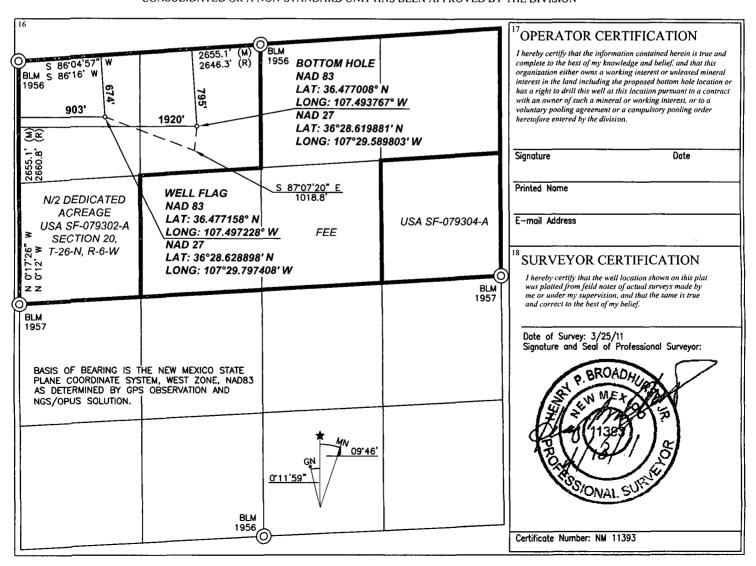
Form C-102 Revised July 16, 2010 Submit one copy to appropriate District Office

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1	API Number		2	Pool Code		3 Pool Name BASIN DAKOTA / BLANCO MESAVERDE			
<sup>4</sup> Property C	ode				•	rty Name AIME			<sup>6</sup> Well Number 2P
7 OGRID	No.		BUR	RLINGTON	8 Operator Name ON RESOURCES OIL & GAS COMPANY LP				<sup>9</sup> Elevation 6636
					10 SURFACE	LOCATION	<del> </del>	<del></del>	
UL or lot no.	Section 20	Township 26-N	Range 6-W	Lot ldn	Feet from the 674	North/South line NORTH	Feet from the 903	East/West line WEST	County RIO ARRIBA
		•	11 B	Bottom H	ole Location	If Different Fro	m Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
С	20	26-N	6-W		795	NORTH	1920	WEST	RIO ARRIBA
Dedicated Acr 320.0	cs 13 Joint	or Infill	Consolidation	1 Code	Order No.	<b></b>		<u> </u>	

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



B C16

SIDE

2

EGDE OF DISTURBANCE

TOTAL DISTURBANCE = 2.65 ACRES

3 WELLHEAD

EGDE OF DISTURBANCE

50

0"11'59"

O R.A.

EXISTING ACCESS

SET

205' RP

NO E.O.D. BETWEEN

PROPOSED PAD

CORNER 4 ANDCORNER 3. E.O.D. FLUSH WITH

09'46'

10' DEEP

15' -

REAR WELLHEAD TO BACK

EXISITNG PIPELINE

PROPOSED KAIME 2P

LONG: 107.497228 W ELEV: 6636

NAD 83 LAT: 36.477158°N

BASIS OF BEARING IS THE NEW MEXICO

STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 AS DETERMINED BY GPS

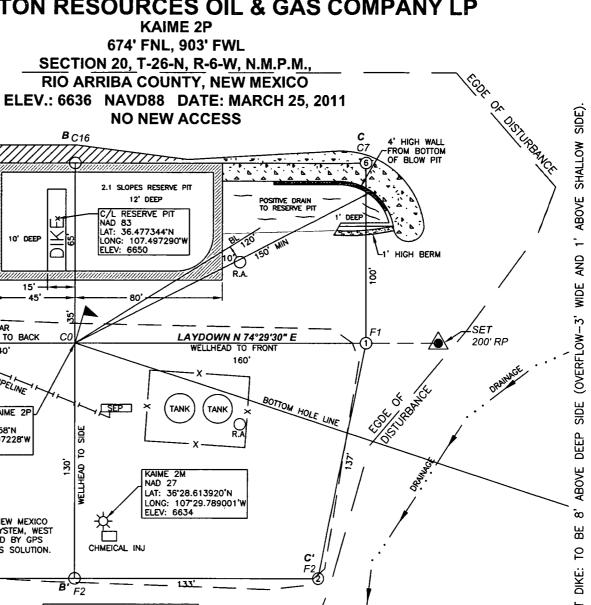
OBSERVATION AND NGS/OPUS SOLUTION.

127

70

A'

F5



CCI

P.O. BOX 328 BLOOMFIELD, NM, 87413 PHONE: (505) 325-7707

CHENAULT CONSULTING INC.

OR UNMARKED BURIED TWO (2) WORKING DAYS FOR UNDERGROUND UTILITIES OR PIPELINES. E-CALL FOR LOCATION OF ANY MARKED OR PAD AND OR ACCESS ROAD AT LEAST TWO T LIABLE FOR CALL ONE—C NOT C.C.I. SURVEYS IS NOT CONTRACTOR SHOULD OF PIPELINES OR CABLES RESERVE PIT 7

CONSTRUCTION.

ဥ

PRIOR



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

Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Back-Ground	Date Reported:	04-05-12
Laboratory Number:	61610	Date Sampled:	04-04-12
Chain of Custody No:	12339	Date Received:	04-05-12
Sample Matrix:	Soil	Date Extracted:	04-05-12
Preservative:	Cool	Date Analyzed:	04-05-12
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	

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:

Kaime #2P

Analyst<sup>2</sup>

5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

laboratory@envirotech in com



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

Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Reserve Pit	Date Reported:	04-05-12
Laboratory Number:	61611	Date Sampled:	04-04-12
Chain of Custody No:	12339	Date Received:	04-05-12
Sample Matrix:	Soil	Date Extracted:	04-05-12
Preservative:	Cool	Date Analyzed:	04-05-12
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	

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:

Kaime #2P

Analyst

Review

5796 US Highway 64, Farmington, NM 87401

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envirotech-inc.com laboratory@envirotech-inc.com



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

### **Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	0405TCAL QA/QC	Date Reported:	04-05-12
Laboratory Number:	61607	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-05-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF: 🗽	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-05-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%
Diesel Range C10 - C28	04-05-12	9.9960E+02	1.0000E+03	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	

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	260	104%	75 - 125%
Diesel Range C10 - C28	ND	250	245	98.1%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References:

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

SW-846, USEPA, December 1996.

Comments:

QA/QC for Samples 61607-61611

5796 US Highway 64, Farmington, NM 87401

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Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



### EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Back-Ground	Date Reported:	04-10-12
Laboratory Number:	61610	Date Sampled:	04-04-12
Chain of Custody:	12339	Date Received:	04-05-12
Sample Matrix:	Soil	Date Analyzed:	04-09-12
Preservative:	Cool	Date Extracted:	04-05-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

	Dilation.	50
		Det.
	Concentration	Limit
Parameter	(ug/Kg)	(ug/Kg)
Benzene	ND	10.0
Toluene	20.6	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	20.5	10.0
o-Xylene	14.5	10.0
Total BTEX	55.6	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	112 %
	1,4-difluorobenzene	103 %
	Bromochlorobenzene	104 %

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:

Kaime #2P

Analyst

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879



### EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Reserve Pit	Date Reported:	04-10-12
Laboratory Number:	61611	Date Sampled:	04-04-12
Chain of Custody:	12339	Date Received:	04-05-12
Sample Matrix:	Soil	Date Analyzed:	04-09-12
Preservative:	Cool	Date Extracted:	04-05-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

		• •	
		Det.	
	Concentration	Limit	
Parameter	(ug/Kg)	(ug/Kg)	
Benzene	10.0	10.0	
Toluene	69.5	10.0	
Ethylbenzene	18.6	10.0	
p,m-Xylene	99.4	10.0	
o-Xylene	38.3	10.0	
Total BTEX	236		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	106 %
	Bromochlorobenzene	101 %

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:

Kaime #2P

Analyst -

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envirotech inccom laboratory@envirotech-inccom



### EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

ND

ND

ND

ND

0.2

0.2

0.2

0.2

Client:	N/A	P	Project #:		N/A	
Sample ID:	0409BCAL QA/QC		ate Reported:		04-10-12	
Laboratory Number:	61608		Date Sampled:		N/A	
Sample Matrix:	Soil	C	Date Received:		N/A	
Preservative:	N/A	C	Date Analyzed:		04-09-12	
Condition:	N/A	A	Analysis:		BTEX	
			ilution:		50	
Calibration and	STANDARD TO BY AND	Professional Control of the Control of the Control	**************************************	Blank	Detect:	
Detection Limits (ug/L		Accept. Range 0-15%		∰ Conc	Limit	
Benzene	5.3996E-06	5.3996E-06	0.000	ND	0.2	

5.0685E-06

5.6333E-06

4.1419E-06

6.0572E-06

5.0685E-06

5.6333E-06

4.1419E-06

6.0572E-06

0.000

0.000

0.000

0.000

Duplicate Conc. (ug/Kg)	Sample Di	uplicate	ે%Diff.ુ	Accept Range	Detect: Limit
Benzene	ND	ND	0.00	0 - 30%	10
Toluene	37.2	37.2	0.00	0 - 30%	10
Ethylbenzene	13.9	13.6	0.02	0 - 30%	10
p,m-Xylene	53.3	55.5	0.04	0 - 30%	10
o-Xylene	25.4	24.0	0.06	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	ount Spiked Spik	ked Sample % I	Recovery	Accept Range
Benzene	ND	2500	2840	114	39 - 150
Toluene	37.2	2500	2820	111	46 - 148
Ethylbenzene	13.9	2500	2720	108	32 - 160
p,m-Xylene	53.3	5000	5540	110	46 - 148
o-Xylene	25.4	2500	2730	108	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References:

Toluene

Ethylbenzene

p,m-Xylene

o-Xylene

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 61608-61613 and 61616

5796 US Highway 64, Farmington, NM 87401

Analyst

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laboratory@envirotech-inc.com



### **EPA METHOD 418.1** TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Back-Ground	Date Reported:	04-11-12
Laboratory Number:	61610	Date Sampled:	04-04-12
Chain of Custody No:	12339	Date Received:	04-05-12
Sample Matrix:	Soil	Date Extracted:	04-09-12
Preservative:	Cool	Date Analyzed:	04-09-12
Condition:	Intact	Analysis Needed:	TPH-418.1

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

**Total Petroleum Hydrocarbons** 

23.7

7.4

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:

Kaime #2P

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879



Client:	ConocoPhillips	Project #:	96052-1706
Sample ID:	Reserve Pit	Date Reported:	04-11-12
Laboratory Number:	61611	Date Sampled:	04-04-12
Chain of Custody No:	12339	Date Received:	04-05-12
Sample Matrix:	Soil	Date Extracted:	04-09-12
Preservative:	Cool	Date Analyzed:	04-09-12
Condition:	Intact	Analysis Needed:	TPH-418.1

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

**Total Petroleum Hydrocarbons** 

81.3

7.4

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:

Kaime #2P



### **EPA METHOD 418.1** TOTAL PETROLEUM HYDROCARBONS **QUALITY ASSURANCE REPORT**

Client:

QA/QC

Project #:

N/A

Sample ID:

QA/QC

Date Reported:

04-11-12

Laboratory Number:

04-09-TPH.QA/QC 61613

Date Sampled:

N/A

Sample Matrix:

Freon-113

Date Analyzed: Date Extracted: 04-09-12 04-09-12

Preservative: Condition:

N/A N/A

Analysis Needed:

**TPH** 

Calibration

03-20-12

I-Cal Date 👶 C-Cal Date 😹 I-Cal RF: 🦿 04-09-12

1,850

1,720

7.0%

C-Cal RF: % Difference Accept Range +/- 10%

Blank Conc. (mg/Kg)

Concentration

**Detection Limit** 

**TPH** 

ND

7.4

Duplicate Conc. (mg/Kg)

Sample

**Duplicate** 

% Difference Accept. Range

**TPH** 

TPH

54.7

50.3

8.0%

+/- 30%

Spike Conc. (mg/Kg)

Sample ! 54.7

Spike Added Spike Result % Recovery 2,000

2,070

101%

Accept Range 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 61608-61613, 61615-61616.

5796 US Highway 64, Farmington, NM.87401

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Ph (970) 259-0615 Fr (800) 362-1879

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301



### Chloride

Client: Sample ID: ConocoPhillips

Project #:

96052-1706

Back-Ground

Date Reported:

04-09-12

Lab ID#: Sample Matrix: 61610

Date Sampled:

04-04-12

Preservative:

Soil Cool Date Received:

04-05-12

Condition:

Intact

Date Analyzed: Chain of Custody: 04-06-12 12339

**Parameter** 

Concentration (mg/Kg)

**Total Chloride** 

130

Reference:

U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Kaime #2P

Ph (505) 632-0615 Fx (505) 632-1865

5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



### Chloride

Client: ConocoPhillips Project #: 96052-1706 Sample ID: Reserve Pit Date Reported: 04-09-12 Lab ID#: 61611 Date Sampled: 04-04-12 Sample Matrix: Soil Date Received: 04-05-12 Preservative: Date Analyzed: 04-06-12 Cool Condition: Intact Chain of Custody: 12339

**Parameter** 

Concentration (mg/Kg)

120

Total Chloride

Reference:

U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

Kaime #2P

Analyst

Review

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Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com laboratory@envirotech-inc.com

Submit To Appropriate District Office Two Copies			State of New Mexico					Form C-105 July 17, 2008									
District I 1625 N. French Dr District II	Energy, Minerals and Natural Resources						1. WELL API NO.										
1301 W. Grand Ave	enue, Artesia, l	NM 88210		Oil	l Conservat	tion I	Divisio	n		30-039-309							
1000 Rio Brazos Ro District IV	I., Aztec, NM	87410			20 South St			r.	L	2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN							
1220 S. St. Francis	Dr., Santa Fe,	NM 87505			Santa Fe, N	8 MN	7505			3. State Oil & Gas Lease No. SF - 079302-A							
		TION OF	RECO	OMPL	ETION RE	POR	TAND	LOG		A CONTRACTOR OF THE STATE OF TH							
4. Reason for fili	ng:									5. Lease Name or Unit Agreement Name KAIME							
☐ COMPLETI	ON REPOR	RT (Fill in box	es#1thro	ugh #31	for State and Fed	e wells (	only)		ľ	6. Well Number:							
Ø C-144 CLOS #33; attach this ar	nd the plat to								or	2P							
	WELL 🔲 🦞	VORKOVER	DEEP	ENING	□PLUGBACI	к 🗆 D	IFFEREN	NT RESERVO									
8. Name of Operator Burlington Resources Oil Gas Company, LP									9. OGRID 14538								
10. Address of Op PO Box 4298, Fa	perator		<u> </u>	<u> </u>						11. Pool name	or V	Vildca	t				
			1		Tn	1.		T . C	_		I =					T ~	
12.Location Surface:	Unit Ltr	Section	Town	ship	Range	Lot		Feet from th	ie	N/S Line	Fee	et fron	n the	E/W	Line	County	
BH:									$\dashv$								
13. Date Spudded	l 14. Date	T.D. Reached	15.		Released	L	16.	Date Comple	ted	(Ready to Pro	duce)			. Eleva Γ, GR, α		and RKB,	
18. Total Measure	ed Depth of	Well	19.	Plug Bac	k Measured Dep	pth	20.	. Was Directional Survey Made? 21. Type Electric and Oth					ther Logs R	un			
22. Producing Int	erval(s), of the	his completion	ı - Top, Bo	ttom, Na	ame		<u> </u>		•			L					
23.				CAS	ING REC	ORD	(Repo	ort all str	ing	s set in w	ell)	<u> </u>				<del></del>	
CASING SIZ	ZE	WEIGHT L	B./FT.		DEPTH SET		НO	LE SIZE		CEMENTIN	IG Ŕ	ECOR	D	A	MOUNT	PULLED	
				1									+				
		4											_				
					<u> </u>		·										
24.	Less			LIN	ER RECORD				25.			ING I			1		
SIZE	TOP		воттом		SACKS CEM	ENI	SCREEN	1	SIZ	.E	+	DEPTH	1 SE1		PACK	ER SET	-
26 P. 6			1 \														
26. Perforation	record (inter	rval, size, and	number)					ID, SHOT, I INTERVAL	FRA	ACTURE, CE AMOUNT A							
ı																	
						-				-							
28.							DUC										
Date First Produc	tion	Proc	luction Me	thod (Fla	owing, gas lift, p	umping	- Size and	d type pump)		Well Status	s (Pro	od. or	Shut-	in)			
Date of Test	Hours To	ested	Choke Size	<del></del>	Prod'n For Test Period		Oil - Bbl		Gas	- MCF	V	Vater -	- Bbl.	, .	Gas - 0	Oil Ratio	
Flow Tubing Press.	Casing P		Calculated Hour Rate	24-	Oil - Bbl.	<u>l</u>	Gas	- MCF	1	Water - Bbl.		Oi	l Grav	vity - A	PI - (Co	rr.)	
29. Disposition of	f Gas <i>(Sold, 1</i>	used for fuel,	vented, etc.	)	<u> </u>						30.	Test \	Witnes	ssed By	,		
31. List Attachme				·							<u> </u>		···-		<del></del>		
32. If a temporary	pit was use	d at the well,	ittach a pla	t with th	e location of the	tempor	ary pit.										
33. If an on-site b	urial was us		-					71927 🕅 19	02			<del></del>					
I hereby certif	fy that the	Latitude 3 informatio	n shown	on boti Prir	nted	form	is true o	and comple	ete								
Signature Constitution	m.	UNIXX Enterpoon	ll L		ne Jamie Go	oodwir	n Titl	e: Regula	tor	y Lech.	Dat	te:	10	/	119	_	
E-mail Addres	ss jamie.i	.goodwiii(a	COHOCOP	mmps.	.com												

# ConocoPhillips

Pit Closure Form:
Date: $\frac{8/31//2}{}$
Well Name: Kgime 2P
Footages: 674 FNL 903 FWL Unit Letter: D
Section: 20, T-26-N, R-6-W, County: Rio Arciba State: MM
Contractor Closing Pit: Aztcc
Pit Closure Start Date: 8/30/12
Pit Closure Complete Date: 8/31/12
Construction Inspector: S.M = Glasson Date: 3/31/12 Inspector Signature: 50 5
Revised 11/4/10  Office Use Only: Subtask  DSM Folder

### Goodwin, Jamie L

From:

Payne, Wendy F

Sent:

Monday, August 27, 2012 9:08 AM

To:

(Brandon.Powell@state.nm.us); GRP:SJBU Regulatory; Jonathan Kelly;

(lpuepke@cimarronsvc.com); Eli (Cimarron) (eliv@cimarronsvc.com); James (Cimarron) (jwood@cimarronsvc.com); Craig Willems; Mark Kelly; Mike Flaniken; Randy McKee; Robert

Switzer; Roger Herrera; Sherrie Landon; Bassing, Kendal R.; Dee, Harry P; Eric Smith (sconsulting.eric@gmail.com); Faver Norman; Fred Martinez; Lowe, Terry; McCarty Jr, Chuck R; Payne, Wendy F; Peter, Dan J; Smith, Mike W; Steve McGlasson; Tally, Ethel; Becker, Joey W; Bowker, Terry D; Brant Fourr; Frost, Ryan M; Goosey, Paul P; Gordon Chenault; Green, Cary J; GRP:SJBU Production Leads; Hockett, Christy R; Bassing, Kendal R.; Kennedy, Jim R; Leboeuf, Davin J; Lopez, Richard A; Nelson, Garry D; O'Nan, Mike J.; Peace, James T; Poulson, Mark E; Schaaphok, Bill; Smith, Randall O; Spearman, Bobby E; Stamets, Steve A; Thibodeaux, Gordon A; Quintana Tony (tquintana@flintenergy.com); Barton, Austin; Blakley, Mac; Coats, Nathan W; Farrell, Juanita R; Maxwell, Mary Alice;

Rhoads, Travis P; Saiz, Kooper K; Seabolt, Elmo F; Thompson, Trey

Cc:

'Aztec Excavation'

Subject:

Reclamation Notice: Kaime 2P

Importance:

High

Attachments:

KAIME 2P.pdf

Aztec Excavation will move a tractor to the **Kaime 2P** to start the reclamation process on <u>Thursday, August 30, 2012</u>. Please contact Steve McGlasson (716-3285) if you have questions and need further assistance.



KAIME 2P.pdf (53 KB)

Burlington Resources Well - Network # 10309502 - Activity Code D250 (reclamation) & D260 (pit closure) - PO: KGARCIA

Rio Arriba County, NM

### Kaime 2P - BLM surface/BLM minerals

Onsite: Janelle Allman 11-13-09 Twin: Kaime 2M (Existing) 674' FNL & 903' FWL Sec.20, T26N, R6W Unit Letter " D " Lease # SF-079302-A

Lease # SF-079302-A CA# NMNM-103029 & NMNM-103030

BH: NWNE Sec.20, T26N, R6W Latitude: 36° 28' 38" N (NAD 83) Longitude: 107° 29' 50" W (NAD 83)

Elevation: 6636'

Total Acres Disturbed: 2.65 acres

Access Road: n/a API # 30-039-30939 Within City Limits: No Pit Lined: YES

NOTE: Arch Monitoring IS required on this location. (Aztec Arch 334-6675)

### Wendy Payne

ConocoPhillips-SJBU 505-326-9533 Wendy.F.Payne@conocophillips.com

## ConocoPhillips

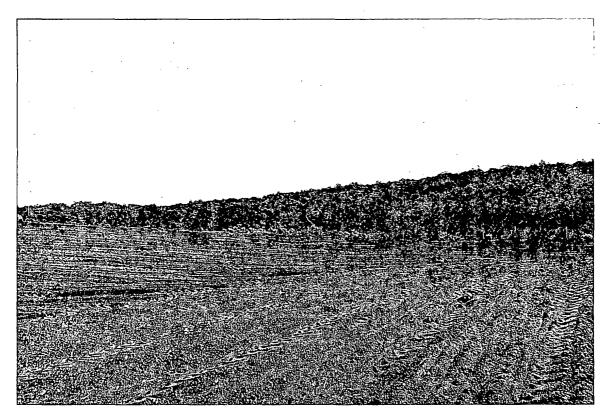
Reclamation Form:
Date: $\frac{10/2/12}{}$
Well Name: Kaine 2P
Footages: 674FNL 903 FWK Unit Letter: D
Section: <u>20</u> , T <u>26</u> -N, R- <u>6</u> -W, County: <u>R:0Anda</u> State: <u></u>
Reclamation Contractor: Aztc
Reclamation Start Date: 8/30//2
Reclamation Complete Date: $\frac{9/7/1}{}$
Road Completion Date: $\frac{9/10/12}{}$
Seeding Date: $\frac{9/12/12}{}$
**PIT MARKER STATUS (When Required): Picture of Marker set needed
MARKER PLACED: 9/10//2 (DATE)
LATATUDE: 36, 49729
LONGITUDE: 107. 49734
Pit Manifold removed $\frac{B/30//z}{}$ (DATE)
Construction Inspector: $5.M = 6 lasson$ Date: $\frac{10/2/12}{2}$
Inspector Signature:
Office Use Only: Subtask /DSMFolderPictures

Revised 6/14/2012









	WELL NAME: Kaime 2P	OPEN P	IT INSPE	CTION	FORM	•		Cone	ocoPh	illips
	INSPECTOR DATE	03/14/12	Fred Mtz 03/21/12	Fred Mtz 03/27/12	Fred Mtz 04/04/12	Fred Mtz 04/25/12	Fred Mtz 05/02/12	Fred Mtz 05/09/12	Fred Mtz 06/07/12	Fred Mtz 06/14/12
	*Please request for pit extention after 26 weeks PIT STATUS	Week 1  Drilled Completed Clean-Up	Week 2  Drilled Completed Clean-Up	Week 3  Drilled Completed Clean-Up	Week 4  Drilled Completed Clean-Up	Week 5  Drilled Completed Clean-Up	Week 6  ✓ Drilled ✓ Completed  ☐ Clean-Up	Week 7  ☑ Drilled ☑ Completed ☐ Clean-Up	Week 8  ☑ Drilled ☑ Completed ☐ Clean-Up	Week 9  ☑ Drilled ☑ Completed ☐ Clean-Up
CATION	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	✓ Yes ☐ No	☑ Yes ☐ No	Yes No	✓ Yes □ No	☐ Yes ☐ No	✓ Yes ☐ No	✓ Yes 🗌 No	✓ Yes ☐ No	✓ Yes No
_	Is the temporary well sign on location and visible from access road?	✓ Yes 🗌 No	✓ Yes 🗌 No	☐ Yes ☐ No	✓ Yes ☐ No	Yes No	✓ Yes ☐ No	☐ Yes ☑ No	Yes 🗸 No	☐ Yes ☑ No
	is the access road in good driving condition? (deep ruts, bladed)	✓ Yes ☐ No	✓ Yes □ No	☐ Yes ☐ No	✓ Yes ☐ No	☐ Yes ☐ No	✓ Yes □ No	✓ Yes ☐ No	✓ Yes ☐ No	✓ Yes ☐ No
	Are the culverts free from debris or any object preventing flow?	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	✓ Yes □ No	✓ Yes ☐ No	✓ Yes ☐ No	☑ Yes ☐ No
	Is the top of the location bladed and in good operating condition?	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
OMPLIANCE	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	Yes No	☐ Yes ☑ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	✓ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	✓ Yes ☐ No	Yes No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
U	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	✓ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
ENVIRONMENTAL	Does the pit contain two feet of free board? (check the water levels)	✓ Yes □ No	☑ Yes 🗌 No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	✓ Yes □ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes 🗌 No
8 S S	Is there any standing water on the blow pit?	✓ Yes □ No	✓ Yes 🗌 No	☐ Yes ☐ No	☑ Yes ☐ No	Yes No	☐ Yes ☑ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
EN	Are the pits free of trash and oil?	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☑ No	Yes No	☐ Yes ☑ No	. ☑ No ☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No
	Are there diversion ditches around the pits for natural drainage?	✓ Yes ☐ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☑ No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No
	Is there a Manifold on location?	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes 🗌 No	☑ Yes ☐ No	☑ Yes ☐ No
	Is the Manifold free of leaks? Are the hoses in good condition?	☑ Yes ☐ No	✓ Yes 🗌 No	Yes No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	✓ Yes 🗌 No	✓ Yes ☐ No
ပ္ပ	Was the OCD contacted?	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	Yes 🗸 No	☐ Yes ☐ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No
	PICTURE TAKEN	☐ Yes ☑ No	Yes 🗸 No	Yes No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☑ No	☐ Yes ☑ No	Yes 🗸 No	☐ Yes ☑ No
	COMMENTS		oil stains on location from 3	Frack crew on location.	sample pit debri		Fence loose debri in pit contact Flint to fence.		Debri in pit sign on fence Facility set.	Sign on force no water in pit debri in pit.

	WELL NAME:									
	Kaime 2P	F 1 441-	I Post int		1	T. Post J. 1881				
-	INSPECTOR DATE	Fred Mtz 06/22/12	Fred Mtz 07/19/12	Fred Mtz 07/26/12	Fred Mtz 08/16/12	Fred Mtz 08/23/12				
	*Please request for pit extention after 26 weeks	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18
	PIT STATUS	☑ Drilled ☑ Completed ☐ Clean-Up	✓ Drilled ✓ Completed ☐ Clean-Up	✓ Drilled ✓ Completed ☐ Clean-Up	✓ Drilled ✓ Completed ☐ Clean-Up	✓ Drilled ✓ Completed ☐ Clean-Up	Drilled Completed Clean-Up	Drilled Completed Clean-Up	☐ Drilled☐ Completed☐ Clean-Up	Drilled Completed Clean-Up
TION	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	✓ Yes 🗌 No	✓ Yes ☐ No	✓ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	Yes No	☐ Yes ☐ No	Yes No	Yes No
LOCA	Is the temporary well sign on location and visible from access road?	Yes 🗸 No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	Yes No	Yes No	Yes No	☐ Yes ☐ No
	ls the access road in good driving condition? (deep ruts, bladed)	☑ Yes ☐ No	☑ Yes ☐ No	✓ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	Yes No	Yes No	Yes No	☐ Yes ☐ No
	Are the culverts free from debris or any object preventing flow?	✓ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	✓ Yes ☐ No	☑ Yes ☐ No	Yes No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
	Is the top of the location bladed and in good operating condition?	✓ Yes 🗌 No	☑ Yes ☐ No	☑ Yes ☐ No	✓ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
NG.	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?	✓ Yes 🗌 No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes 🗌 No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
OMPLIA	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	✓ Yes 🗌 No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	✓ Yes □ No	Yes No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Ö	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	✓ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No
ENVIRONMENTA	Does the pit contain two feet of free board? (check the water levels)	✓ Yes ☐ No	✓ Yes □ No	✓ Yes 🗌 No	☑ Yes ☐ No	☑ Yes ☐ No	Yes No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No
RON	Is there any standing water on the blow pit?	✓ Yes ☐ No	☑ Yes ☐ No	✓ Yes □ No	✓ Yes 🗌 No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	. Yes No
EN	Are the pits free of trash and oil?	☐ Yes ☑ No	☑ Yes ☐ No	✓ Yes □ No	✓ Yes 🗌 No	✓ Yes ☐ No	Yes No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No
	Are there diversion ditches around the pits for natural drainage?	☐ Yes ☑ No	☐ Yes ☑ No	☑ Yes ☐ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No
	Is there a Manifold on location?	✓ Yes 🗌 No	☑ Yes ☐ No	☐ Yes ☑ No	✓ Yes 🗌 No	✓ Yes 🗌 No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No
	Is the Manifold free of leaks? Are the hoses in good condition?	✓ Yes 🗌 No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	✓ Yes □ No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No
ა ე	Was the OCD contacted?	☐ Yes ☑ No	☐ Yes ☑ No	Yes 🗸 No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No
	PICTURE TAKEN	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	Yes No	☐ Yes ☐ No	Yes No	☐ Yes ☐ No
	COMMENTS	Sign on force no water in pit debri in pit.	Sign on fence debri in pit.	Sign on fence debri in pit.	Sign on fence debri in pit Facility's on location.	Debri in pit sign on fence.				