State of New Mexico Energy Minerals and Natural Resources

Department

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

Form C-144 July 21, 2008

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

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

1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Ave., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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d od op system,
1

Instructions: Please submit one application (Form C-144) per individual pit, closed.  Please be advised that approval of this request does not relieve the operator of liability should operation environment. Nor does approval relieve the operator of its responsibility to comply with any other application.	-loop system, below-grade tank or alternative request
Operator: ConocoPhillips Company	OGRID#: 217817
Address: P.O. Box 4289, Farmington, NM 87499	
Facility or well name: FEDERAL 11M	
API Number: 30-039-30673 OCD Permit Nu	imber:
U/L or Qtr/Qtr: 1(NE/SE) Section: 23 Township: 26N Range:	6W County: Rio Arriba
Center of Proposed Design: Latitude: 36.47184 °N Longitude:	107.43087 °W NAD: 1927 X 1983
Surface Owner: X Federal State Private Tribal Trust or In	dian Allotment
	RCVD FEB 8 '13  OIL CONS. DIV.  DIST. 3  HDPE PVC Other  700' bbl Dimensions L 120' x W 55' x D 12'
Closed-loop System: Subsection H of 19.15.17.11 NMAC  Type of Operation: P&A Drilling a new well Workover or Drilling (Applie notice of intent)  Drying Pad Above Ground Steel Tanks Haul-off Bins Other  Lined Unlined Liner type: Thickness mil LLDPE Liner Seams: Welded Factory Other	es to activities which require prior approval of a permit or  HDPE PVD Other
Below-grade tank: Subsection I of 19.15.17.11 NMAC  Volume:bbl	automatic overflow shut-off
Alternative Method:  Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Env	rironmental 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, institution foot height, four strands of barbed wire evenly spaced between one and four feet  Alternate. Please specify	tion or church	)
7			<del></del>
	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.		i
	Please check a box if one or more of the following is requested, if not leave blank:		
	Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration (Fencing/BGT Liner)	eration of appr	roval.
	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)	NA	
	- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	_	
	Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  (Applied to permanent pits)	☐Yes ☐NA	No
	- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<u> </u>	
	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.	ı	
	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 approved obtained from the municipality.	Yes	No
	<ul> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	Yes	No
	Within the area overlying a subsurface mine.  - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	No
	Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	Yes	No
	Society; Topographic map  Within a 100-year floodplain  - FEMA map	Yes	No

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)  APIor Permit
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.  Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9  NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design)  API
Previously Approved Operating and Maintenance Plan API
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
Climatological Factors Assessment
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
Quality Control/Quality Assurance Construction and Installation Plan
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Nuisance or Hazardous Odors, including H2S, Prevention Plan
Emergency Response Plan
Oil Field Waste Stream Characterization
Monitoring and Inspection Plan
Erosion Control Plan
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
14
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
Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
Rc-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16		
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		
facilities are required.		
Disposal Facility Name:		
Disposal Facility Name:		
Will any of the proposed closed-loop system operations and associated acti Yes (If yes, please provide the information No	vities occur on or in areas that will nbe used for future	service and
Required for impacted areas which will not be used for future service and operation		MAC
Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subs	•	MAC
Site Reclamation Plan - based upon the appropriate requirements of S		
17 Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NM.	AC	
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan.	Recommendations of acceptable source material are provided below	
certain siting criteria may require administrative approval from the appropriate district office office for consideration of approval. Justifications and/or demonstrations of equivalency are r	· · · · · · · · · · · · · · · · · · ·	inta Fe Environmental Bureau
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	btained from nearby wells	□N/A
Ground water is between 50 and 100 feet below the bottom of the buried w	acta	☐Yes ☐No
- NM Office of the State Engineer - iWATERS database search; USGS; Data of		N/A
Ground water is more than 100 feet below the bottom of the buried waste.  - NM Office of the State Engineer - iWATERS database search; USGS; Data of	atoined from positive wells	∐Yes ∐No
-	·	∐N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other sign (measured from the ordinary high-water mark).	ificant watercourse or lakebed, sinkhole, or playa lake	∐Yes ∐No
- Topographic map; Visual inspection (certification) of the proposed site		
Within 300 feet from a permanent residence, school, hospital, institution, or church	in existence at the time of initial application.	Yes No
- Visual inspection (certification) of the proposed site; Aerial photo; satellite image	age	
		Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less t purposes, or within 1000 horizontal fee of any other fresh water well or spring, in ex	· ·	
- NM Office of the State Engineer - iWATERS database; Visual inspection (cert	**	
Within incorporated municipal boundaries or within a defined municipal fresh water wate	well field covered under a municipal ordinance adopted	Yes No
pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approval of	obtained from the municipality	
Within 500 feet of a wetland		Yes No
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual in	spection (certification) of the proposed site	
Within the area overlying a subsurface mine.	100	Yes No
<ul> <li>Written confirantion or verification or map from the NM EMNRD-Mining and Within an unstable area.</li> </ul>	Mineral Division	
- Engineering measures incorporated into the design; NM Bureau of Geology &	Mineral Resources; USGS; NM Geological Society;	∐Yes ∐No
Topographic map	<b>9</b> ,	
Within a 100-year floodplain FEMA map		∐Yes ∐No
- геми шар		
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Ea	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.	en of the fourthing nems must bee unuened to the civ	sure plan. I lease mateure,
Siting Criteria Compliance Demonstrations - based upon the approp	riate requirements of 19.15.17.10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate require	ements of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upo	on the appropriate requirements of 19.15.17.11 NMAC	
Construction/Design Plan of Temporary Pit (for in place burial of a		of 19.15.17.11 NMAC
Protocols and Procedures - based upon the appropriate requirements		
Confirmation Sampling Plan (if applicable) - based upon the approp	-	AC
Waste Material Sampling Plan - based upon the appropriate requirer		la annual ha calla a
Disposal Facility Name and Permit Number (for liquids, drilling flu Soil Cover Design - based upon the appropriate requirements of Sub		is cannot be achieved)
Re-vegetation Plan - based upon the appropriate requirements of Su		
Site Reclamation Plan - based upon the appropriate requirements of		

19
Operator Application Certification:
1 hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print): Title:
Signature: Date:
e-mail address: Telephone:
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: 2/1/20(3
Title: Compliance Office Och 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: September 18, 2012
Closure Method:  Waste Excavation and Removal X On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)  If different from approved plan, please explain.
23
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 complilane to the items below)
Required for impacted areas which will not be used for future service and operations:
Site Reclamation (Photo Documentation)
Soil Backfilling and Cover Installation
Re-vegetation Application Rates and Seeding Technique
24 <u>Closure Report Attachment Checklist:</u> 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)
Year   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: 36.472041 °N Longitude: 107.430859 °W NAD 1927 X 1983
Total Colonia Boundary Colonia
25
Operator Closure Certification:
I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
Name (Print): Jamie Goodwin Title: , Regulatory Tech.
Signature: Date: 2713
′ 1

# ConocoPhillips Company San Juan Basin Closure Report

Lease Name: FEDERAL 11M API No.: 30-039-30673

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

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

#### **General Plan:**

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

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

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

The pit was closed using onsite burial.

3. The surface owner shall be notified of COPC'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.)

 Within 6 months of the Rig Off status occurring COPC 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:
  - 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.

ConocoPhillips 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	0.12 ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	96.8 ug/kG
TPH	EPA SW-846 418.1	2500	240mg/kg
GRO/DRO	EPA SW-846 8015M	500	134 mg/Kg
Chlorides	EPA 300.1	1000/500	49 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. Re-shaping 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. COPC 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: COP, BLM, FEDERAL 11M, UL-I, Sec. 23, T 26N, R 6W, API # 30-039-30673

## Sessions, Tamra D

From:

Sessions, Tamra D

Sent:

Thursday, May 07, 2009 4:34 PM

To:

'mark\_kelly@nm.blm.gov'

Subject:

Surface Owner Notification

The following wells will have a temporary pit that will be closed on-site. Please let me know if you have any questions.

Federal 11M

Federal 12P

San Juan 30-5 Unit 94M

Thank you,

Tamra Sessions
Staff Regulatory Technician
CONOCOPHILLIPS COMPANY / SJBU
505-326-9834
Tamra.D.Sessions@conocophillips.com

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

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

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

E/2 - 320 ACRES

DISTRICT IV

1220 South 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 October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

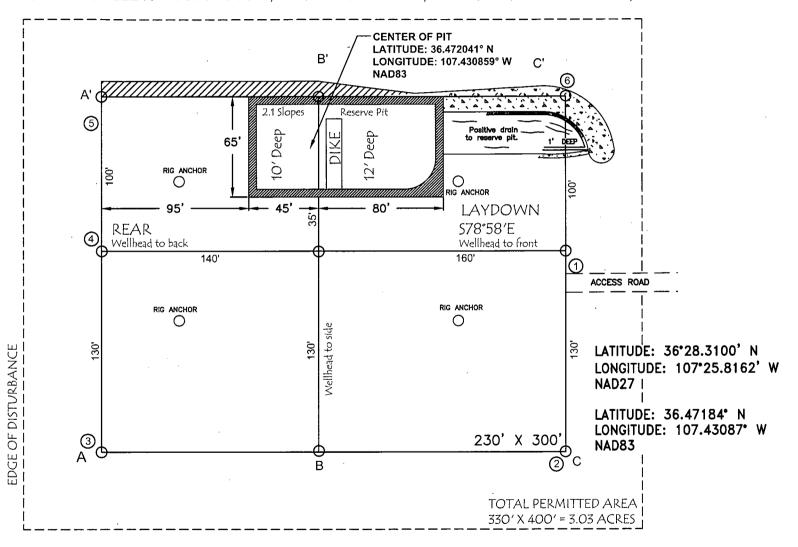
' API	Number			<sup>2</sup> Pool Code		BASIN DA	Pool Nam	e CO MESAVERDE			
*Property Co A705134 A70637	4					<sup>6</sup> Well Number					
OGRID. No			··· · · · · · · · · · · · · · · · · ·	Operator Name CONOCOPHILLIP'S COMPANY					Elevation 6405		
			······································		<sup>10</sup> Surface	Location	•				
UL or lot no.	Section	Township					Feet from the	East/West line	County		
1	1 23 26-N 6-W				2445	SOUTH 785 EAS			RIO ARRIBA		
	"Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
12 Dedicated Acres	3	  13 J <sub>i</sub>	oint or Infill	<u> </u>	14 Consolidation Co	ode ·	15 Order: No.				

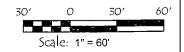
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION  I hereby certify that the information contained herein
FO. 3 1/4* 9C.   1957 B.L.M.	is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hate location or has a right to drift this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a woluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
USA SF-079295	
N 00'14'12" E 5337.21' (M)	Signature Date
1.2.2.2.2.2.1	Printed Name
0 2	
23 === = = = = = = = = = = = = = = = = =	18 SURVEYOR CERTIFICATION
785'	I hereby certify that the well location shown on this pla
LAT: 36.47184° N (NAD 83) LONG: 107.43087° W (NAD 83)	was plotted from field notes of actual surveys made by m or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
LAT: 36'28.3100' N (NAD 27)	
LONG: 107'25.8162' W (NAD 27)	APRIL 25 2008
55442	Signature and Seak of Professional Supremore
USA SF-079296	Signature and Scott of Professional Surveyor:
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CALC'D CORNER N89'51'E., 46.78'	0 ( 800 A M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FROM WITNESS CORNER   S 89:50/47" W	log ino
WITNESS CORNER FD. 3 1/4* BC. 2648.01 (C) FD. 3 1/4* BC. 1956 B.L.M.	Certificate Number
00	Carcineote Mullipa

## CONOCOPHILLIPS COMPANY

FEDERAL #11M, 2445' FSL & 785' FEL SECTION 23, T-26-N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6405', DATE: APRIL 25, 2008/RVSD: FEBUARY 6, 2013





### **Analytical Report**

#### Lab Order 1205205

Date Reported: 5/11/2012

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Conoco Phillips Farmington

Project: Federal #11M

Lab ID: 1205205-001

Client Sample ID: Background

Collection Date: 5/2/2012 12:00:00 PM

Received Date: 5/3/2012 10:00:00 AM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS				Analyst: <b>JMP</b>
Diesel Range Organics (DRO)	· ND	9.9	mg/Kg	1	5/7/2012 9:48:21 AM
Surr: DNOP	89.0	77.4-131	%REC	1	5/7/2012 9:48:21 AM
EPA METHOD 8015B: GASOLINE RA	NGE			•	Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	. 1	5/7/2012 11:43:43 AM
Surr: BFB	103	69.7-121	%REC	1	5/7/2012 11:43:43 AM
EPA METHOD 8021B: VOLATILES	•	•			Analyst: <b>NSB</b>
Benzene	ND	0.049	mg/Kg	1	5/7/2012 11:43:43 AM
Toluene	ND	0.049	mg/Kg	1	5/7/2012 11:43:43 AM
Ethylbenzene	ND	0.049	mg/Kg	1	5/7/2012 11:43:43 AM
Xylenes, Total	ND	0.098	ˈmg/Kg	1	5/7/2012 11:43:43 AM
Surr: 4-Bromofluorobenzene	94.1	80-120	%REC	. 1	5/7/2012 11:43:43 AM
EPA METHOD 300.0: ANIONS					Analyst: <b>BRM</b>
Chloride	9.4	7.5	mg/Kg	5	5/7/2012 2:33:14 PM
EPA METHOD 418.1: TPH					Analyst: <b>JMP</b>
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	5/7/2012

Matrix: SOIL

#### Qualifiers:

- \*/X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

#### **Analytical Report**

Lab Order 1205205

Date Reported: 5/11/2012

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Conoco Phillips Farmington

Project: Federal #11M

**Lab ID:** 1205205-002

Client Sample ID: Reserve Pit

Collection Date: 5/2/2012 12:30:00 PM

Received Date: 5/3/2012 10:00:00 AM

Analyses	Result	RL (	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE (	DRGANICS ,					Analyst: <b>JMP</b>
Diesel Range Organics (DRO)	120,/	· 10		mg/Kg	1	5/8/2012 9:55:51 AM
Surr: DNOP	110	77.4-131		%REC	1	5/8/2012 9:55:51 AM
EPA METHOD 8015B: GASOLINE RANG	SE .					Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	14 ′	4.9		mg/Kg	1	5/7/2012 3:33:52 PM
Surr: BFB	139	69.7-121	S	%REC	1	5/7/2012 3:33:52 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	0.12 /	0.049		mg/Kg	1	5/7/2012 3:33:52 PM
Toluene	0.45	0.049		mg/Kg .	1	5/7/2012 3:33:52 PM
Ethylbenzene	0.11	0.049		mg/Kg	1	5/7/2012 3:33:52 PM
Xylenes, Total	0.65	0.098		mg/Kg	1	5/7/2012 3:33:52 PM
Surr: 4-Bromofluorobenzene	96.8/-	80-120		%REC	1	5/7/2012 3:33:52 PM
EPA METHOD 300.0: ANIONS						Analyst: <b>BRM</b>
Chloride	49 /	1.5		mg/Kg	1	5/7/2012 4:00:05 PM
EPA METHOD 418.1: TPH	•		•			Analyst: <b>JMP</b>
Petroleum Hydrocarbons, TR	240 ~	20		mg/Kg	1	5/7/2012

Matrix: SOIL

Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 2 of 7

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1205205

11-May-12

Client:

Conoco Phillips Farmington

Project:

Federal #11M

Sample ID MB-1823

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 1823

RunNo: 2619

Prep Date: 5/7/2012 Analysis Date: 5/7/2012

SeqNo: 72772

Units: mg/Kg

Analyte

Result

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLimit** 

Qual

Chloride

ND 1.5

SampType: LCS

TestCode: EPA Method 300.0: Anions

Prep Date: 5/7/2012

Sample ID LCS-1823

LCSS

Batch ID: 1823

RunNo: 2619

SeqNo: 72773

Units: mg/Kg

Analyte

Client ID:

Result

Analysis Date: 5/7/2012

%RPD

PQL SPK value SPK Ref Val

15.00

%REC 94.7

LowLimit HighLimit 90 110 **RPDLimit** 

Qual

Chloride

Client ID:

14

SampType: MS

Batch ID: 1823

TestCode: EPA Method 300.0: Anions

RunNo: 2619

SeqNo: 72790

Units: mg/Kg

Analyte Chloride

Prep Date: .5/7/2012

Background

Sample ID 1205205-001AMS

Analysis Date: 5/7/2012

23

Result

Result

Result

20

22

**PQL** 

7.5

1.5

SPK value SPK Ref Val

9.382

%REC LowLimit 88.3

HighLimit 74.6 118 %RPD **RPDLimit** 

Qual

Client ID;

Prep Date:

Sample ID 1205205-001AMSD Background

SampType: MSD

Batch ID: 1823

PQL

7.5

TestCode: EPA Method 300.0: Anions RunNo: 2619

118

Analysis Date: 5/7/2012

SPK value SPK Ref Val

SPK value SPK Ref Val

86 1

HighLimit

Analyte Chloride

9.382

6.820

SeqNo: 72791 %REC

Units: mg/Kg

%RPD

1.50

**RPDLimit** 20

Sample ID 1205225-001AMS

SampType: MS

Analysis Date: 5/7/2012

**PQL** 

7.5

7.5

TestCode: EPA Method 300.0: Anions

74.6

Client ID:

Prep Date:

Analyte

Analyte

Chloride

Chloride

**BatchQC** 5/7/2012

5/7/2012

Batch ID: 1823

15.00

15.00

15.00

RunNo: 2619 SeqNo: 72798

%REC

86.3

LowLimit

LowLimit

118

HighLimit

Units: mg/Kg %RPD

**RPDLimit** 

Qual

Qual

Qual

Sample ID 1205225-001AMSD

SampType: MSD

TestCode: EPA Method 300.0: Anions

74.6

Client ID:

**BatchQC** 

Batch ID: 1823

RunNo: 2619

SeqNo: 72799

Units: mg/Kg

Prep Date: 5/7/2012 Analysis Date: 5/7/2012 Result

**PQL** 

20

SPK value SPK Ref Val 15.00

6.820

%REC 85.8

LowLimit 74.6 **HighLimit** %RPD 118 0.369 **RPDLimit** 

20

#### Qualifiers:

R

Value exceeds Maximum Contaminant Level.

Ε Value above quantitation range

J Analyte detected below quantitation limits RPD outside accepted recovery limits

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit Reporting Detection Limit

Page 3 of 7

#### Hall Environmental Analysis Laboratory, Inc.

WO#:

1205205

11-May-12

Client:

Conoco Phillips Farmington

Project:

Federal #11M

Sample ID MB-1813

SampType: MBLK

TestCode: EPA Method 418.1: TPH

Client ID: PBS

Batch ID: 1813

PQL

20

RunNo: 2592

Prep Date: 5/4/2012

**LCSS** 

Result

ND

SeqNo: 72138

Units: mg/Kg

Analyte

Analysis Date: 5/7/2012

HighLimit

%RPD **RPDLimit** 

Qual

Petroleum Hydrocarbons, TR

SampType: LCS

TestCode: EPA Method 418.1: TPH

Qual

Sample ID LCS-1813

Batch ID: 1813

RunNo: 2592

Prep Date: 5/4/2012

Client ID:

Analysis Date: 5/7/2012

SeqNo: 72139

Units: mg/Kg

Analyte Petroleum Hydrocarbons, TR Result

SPK value SPK Ref Val **PQL** 20 100.0

%REC 99.6

SPK value SPK Ref Val %REC LowLimit

LowLimit HighLimit 87.8

%RPD

**RPDLimit** Qual

100

SampType: LCSD

TestCode: EPA Method 418.1: TPH RunNo: 2592

115

LowLimit

Prep Date:

Analyte

Client ID: 5/4/2012

LCSS02 Batch ID: 1813

Analysis Date: 5/7/2012

SeqNo: 72140

Units: mg/Kg

**RPDLimit** 

Petroleum Hydrocarbons, TR

Sample ID LCSD-1813

96

**PQL** 20

SPK value SPK Ref Val 100.0 0

%REC 95.6

87.8

HighLimit 115 %RPD 4.06

8.04

Qualifiers:

R

\*/X Value exceeds Maximum Contaminant Level.

Value above quantitation range Ė

Analyte detected below quantitation limits RPD outside accepted recovery limits

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit RL Reporting Detection Limit

Page 4 of 7

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1205205

11-May-12

Client:

Conoco Phillips Farmington

Project:

Federal #11M

Project:	Federal #	11M									
Sample ID	MB-1811	SampTy	pe: M	BLK	Tes	tCode: El	PA Method	8015B: Diese	el Range (	Organics	
Client ID:	PBS	Batch	ID: <b>18</b>	11	RunNo: <b>2597</b>						
Prep Date:	5/4/2012	Analysis Da	ite: 5/	7/2012	5	SeqNo: 7	2244	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
L	Organics (DRO)	ND	10						737		
-	e Organics (MRO)	ND	50								
Surr: DNOP		9.6		10.00		95.8	77.4	131			•
Sample ID	LCS-1811	SampTy	pe: LC	:S	Tes	tCode: El	PA Method	8015B: Diese	el Range (	Organics	
Client ID:	LCSS	Batch	ID: <b>18</b>	11	F	RunNo: 2	597				
Prep Date:	5/4/2012	Analysis Da	te: 5/	7/2012	5	SeqNo: 7	2245	Units: mg/K	g	٠	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	38	10	50.00	0	75.5	62.7	139			
Surr: DNOP	- -	4.6		5.000		91.7	77.4	131			
Sample ID	1205205-001AMS	SampTy	ре: М\$	6	Tes	tCode: El	PA Method	8015B: Diese	el Range C	Organics	
Client ID:	Background	Batch	ID: <b>18</b>	11	RunNo: <b>2597</b>						
Prep Date:	5/4/2012	Analysis Da	te: 5/	7/2012	. 8	SeqNo: 72487 Units: mg/Kg			g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	37	9.9	49.60	0	73.9	57.2	146			
Surr: DNOP		4.3		4.960		85.9	77.4	131			
Sample ID	1205205-001AMS	) SampTy	pe: <b>M</b> \$	SD	Tes	tCode: El	PA Method	8015B: Diese	l Range C	Organics	
Client ID:	Background	Batch	ID: <b>18</b>	11	F	RunNo: 2	597				
Prep Date:	5/4/2012	Analysis Da	te: <b>5/</b>	7/2012	\$	SeqNo: 72502 Units: mg/Kg				•	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (	Organics (DRO)	41	10	50.35	0	81.1	57.2	146	10.7	26.7	
Surr: DNOP		4.4		5.035		86.8	77.4	131	0	0	

#### Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 5 of 7

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1205205 11-May-12

Client:

Conoco Phillips Farmington

Project: Federal	#11M	·							
Sample ID MB-1810	SampType: N	//BLK	Tes	tCode: EF	PA Method	8015B: Gaso	oline Rang	je	
Client ID: PB\$	Batch ID: 1	810	F	RunNo: <b>26</b>	625			,	
Prep Date: 5/4/2012	Analysis Date:	5/7/2012	5	SeqNo: 73	3040	Units: mg/k	<b>(</b> g		
Analyte	Result PQL	. SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND 5.0	0							
Surr: BFB	1,000	1,000		103	69.7	121		v	
Sample ID LCS-1810	SampType: <b>L</b>	.cs	Tes	tCode: <b>EF</b>	PA Method	8015B: Gaso	oline Rang	je	
Client ID: LCSS	Batch ID: 1	810	F	RunNo: 26	625				
Prep Date: 5/4/2012	Analysis Date:	5/7/2012	5	SeqNo: 7	3041	Units: mg/h	<b>(</b> g	•	
Analyte	Result PQL	. SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26 5.0	0 25.00	0	103	98.5	133			
Surr: BFB	1,100	1,000		111	69.7	121			<u> </u>
Sample ID 1205205-001AMS	SampType: N	/IS	Tes	tCode: EF	PA Method	8015B: Gaso	oline Rang	je	
Client ID: Background	Batch ID: 1	810	F	RunNo: <b>2</b> 6	325	•			
Prep Date: 5/4/2012	Analysis Date:	5/7/2012	5	SeqNo: <b>7</b> :	3043	Units: mg/h	<b>(</b> g		
Analyte	Result PQL	. SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25 4.9	9 24.63	0	100	85.4	147			
Surr: BFB	1,100	985.2		110	69.7	121			
Sample ID 1205205-001AMS	SD SampType: N	/ISD	Tes	tCode: EF	PA Method	8015B: Gaso	oline Rang	je	
Client ID: Background	F	RunNo: 26	325						
Prep Date: <b>5/4/2012</b>	Analysis Date:	5/7/2012		SeqNo: <b>7</b> :	3044	Units: mg/k	<b>(</b> g		
Analyte	Result PQL	. SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24 4.9		0	97.0	85.4	147	4.63	19.2	
Surr: BFB	1,100	970.9		111	69.7	121	0	0	

#### Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 6 of 7

## Hall Environmental Analysis Laboratory, Inc.

WO#:

1205205

11-May-12

Client:

Conoco Phillips Farmington

Project:

Federal #11M

Sample ID MB-1810	SampType: MBLK  Batch ID: 1810  Analysis Date: 5/7/2012			Tes						
Client ID: PBS				F	RunNo: 2	625	• '			
Prep Date: 5/4/2012				SeqNo: <b>73104</b>			Units: mg/F	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.0	80	120			

Sample ID LCS-1810	SampType: LCS			Tes	•					
Client ID: LCSS	Batcl	Batch ID: 1810			tunNo: 2	625				
Prep Date: 5/4/2012	Analysis Date: 5/7/2012			SeqNo: <b>73105</b>			Units: mg/Kg	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.050	1.000	0	93.7	83.3	107			
Toluene	0.98	0.050	1.000	0	97.7	74.3	115			
Ethylbenzene	0.96	0.050	1.000	0	96.0	80.9	122			
Xylenes, Total	2.9	0.10	3.000	0	97.0	85.2	123			
Surr: 4-Bromofluorobenzene	0.97		1.000		96.9	. 80	120			

Sample ID 1205222-001AM	SampT	SampType: <b>MS</b>			TestCode: EPA Method 8021B: Volatiles							
Client ID: BatchQC	Batcl	1D: 18	10	F	RunNo: 2							
Prep Date: 5/4/2012	Analysis Date: 5/7/2012			SeqNo: <b>73113</b>			Units: mg/F	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.76	0.099	0.9901	. 0	77.1	67.2	113					
Toluene	0.79	0.099	0.9901	0	79.9	62.1	116					
Ethylbenzene	∙0.78	0.099	0.9901	0	78.5	. 67.9	127					
Xylenes, Total	2.3	0.20	2.970	0	78.6	60.6	134		•			
Surr: 4-Bromofluorobenzene	1.9		1.980		95.0	80	120					

Sample ID 1205222-001AM	SampT	SD SampType: MSD  Batch ID: 1810  Analysis Date: 5/7/2012			TestCode: EPA Method 8021B: Volatiles							
Client ID: BatchQC	Batch				RunNo: <b>2625</b>							
Prep Date: 5/4/2012	Analysis D				SeqNo: <b>73114</b>			ίg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.75	0.097	0.9709	0	76.9	67.2	113	2.27	14.3			
Toluene	0.77	0.097	0.9709	0	79.5	62.1	116	2.53	15.9			
Ethylbenzene	0.77	0.097	0.9709	0	79.0	67.9	127	1.33	14.4			
Xylenes, Total	2.3	0.19	2.913	0	78.6	60.6	134	1.94	12.6			
Surr: 4-Bromofluorobenzene	1.8		1.942		94.2	80	120	0	0			

#### Qualifiers:

\*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

Page 7 of 7

Submit To Appropr Two Copies	riate District Of	fice	-	State of Ne					Form C-105 July 17, 2008							
District I 1625 N. French Dr District II	., Hobbs, NM 8	8240	Energy,	Minerals and	i Natura	пке	sources	l l	1. WELL API NO.							
1301 W. Grand Av District III	enue, Artesia, 1	NM 88210		l Conservat					30-039-30673 2. Type of Lease							
1000 Rio Brazos R District IV	d., Aztec, NM	87410	12		ith St. Francis Dr. ☐ STATE ☐ FEE ☐ FED/IND							INDIA	N			
1220 S. St. Francis	Dr., Santa Fe, I	NM 87505		Santa Fe, N	NIVI 8/5	SF-079296							_			
WELL (		TION OF	RECOMPL	ETION REF	PORT /	RT AND LOG  5. Lease Name or Unit Agreement Name								e : "		
	· ·	SID (IPM)	#1.d 1.#21	C 0:	,, ,	`		L	<b>FEDERAL</b>		int Agreei	nent manie	_			
			es #1 through #31	•					6. Well Number:							
#33; attach this a	ind the plat to		Fill in boxes #1 th sure report in acco					or			•••	.=				
	WELL 🔲 V	VORKOVER	☐ DEEPENING	□PLUGBACK	C ☐ DIFF	ERE	NT RESERV		OTHER							
8. Name of Oper ConocoPhilli		nv							9. OGRID <b>217817</b>							
10. Address of O PO Box 4298, Fa	perator	_ <del>*</del>							11. Pool name	or Wi	ldcat					
		,	Im to						N1/0 1 :	-	0 1					
12.Location Surface:	Unit Ltr	Section	Township	Range	Lot		Feet from th	16	N/S Line	reet	from the	E/W Line		County		
BH:													_			
13. Date Spudde	d 14. Date	T.D. Reached	15. Date Ri 4/29/2012	g Released		16.	Date Comple	eted (				17. Elevations (DF and RKB, RT, GR, etc.)				
18. Total Measur	red Depth of \	Well		ck Measured Dep	oth .	20.	Was Directi	onal	Survey Made?	1		21. Type Electric and Other Logs Run				
22. Producing In	terval(s), of th	nis completion	- Top, Bottom, N	ame		J										
			CAS	UNC DEC	ODD /I	Dane	ant all atm	:	g got in vy	-117			_			
CASING SI	IZE	WEIGHT LI		SING RECO			LE SIZE	mg	CEMENTIN		CORD	AMO	JNT PU	ULLED		
24.			LIN	ER RECORD				25.		UBIN	IG RECO	ORD				
SIZE	TOP	. E	воттом	SACKS CEMI	ENT SC	SCREEN SI					PTH SET	ET PACKER SET				
										+						
26. Perforation	record (inter	val, size, and	number)						CTURE, CE							
					DE	PIH	INTERVAL		AMOUNT A	ND K	IND MA	ERIAL US	ED_			
28.					PROD	TIC'	TION						_			
Date First Produc	ction	Prod	uction Method (Fi						Well Status	(Proa	l. or Shut-	in)				
Date of Test	Han T	-4-4	Ohala Ciaa	I p., a. r	0:1	l DLI		Cre	- MCF	11/.	.t Dk1	- Ic	0:1	Davis		
Date of Test	Hours Te	ested	Choke Size	Prod'n For Test Period		l - Bbl		Gas	- MCF	"	ater - Bbl.	0:	as - Oil	кано		
Flow Tubing Press.	Casing P		Calculated 24- Hour Rate	Oil - Bbl.		Gas	- MCF	V	Vater - Bbl.	<u></u>	Oil Gra	vity - API -	(Corr.)	)		
29. Disposition of	of Cas (Sold)	ì								20 T	est Witne	ecad Rv				
31. List Attachm										30. 1	est withe	sseu by				
		d at the well, a	ittach a plat with t	ne location of the	temporary	pit.										
33. If an on-site	burial was use	ed at the well,	report the exact lo	ocation of the on-s	ite burial:							<u>-</u>				
I haraby carti	ify that the	Latitude 30	5.472041°N Lo a shown on boa	ongitude 107.430	859°W N	AD [	1927 🛛 19	83	to the hest o	fmy	knowled	lae and h	oliof			
Signature	mile	Gras	, Pri	nted me Jamie Go								7/13	errej			
E-mail Addre	ess jamie.l.	goodwin@	conocophillips								•			**		

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## ConocoPhillips

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Pit Closure Form:
Date: 9/18/12
Well Name: Federal 11 M
Footages: 2445FSL 785FEL Unit Letter: I
Section: 23, T-26-N, R-6-W, County: Rie Arche State: My
Contractor Closing Pit: Aztcc  Pit Closure Start Date: 9/14//2  Pit Closure Complete Date: 9/19//2
Construction Inspector: 5. McGlasson Date: 9/18//2 Inspector Signature: 5. McGlasson Date: 9/18//2

Revised 11/4/10

Office Use Only: Subtask \_\_\_\_\_\_\_ DSM \_\_\_\_\_\_ Folder \_\_\_\_\_

#### Goodwin, Jamie L

From:

Payne, Wendy F

Sent:

Monday, August 27, 2012 9:44 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: Federal 11M

Importance:

High

Attachments:

Federal 11M.pdf

Aztec Excavation will move a tractor to the **Federal 11M** to start the reclamation process on <u>Thursday, September 6</u>, **2012**. Please contact Steve McGlasson(716-3285) if you have any questions or need further assistance.



Federal 11M.pdf (25 KB)

ConocoPhillips Company Well - Network # 10333585 - Activity Code D250 (reclamation) & D260 (pit closure) - PO:

KGARCIA

Rio Arriba County, NM

#### Federal 11M - BLM surface/BLM minerals

Onsite: Mike Flaniken 6-24-08

Twin: n/a

2445' FSL & 785' FEL Sec.23, T26N, R6W

Unit Letter !! | ".

Lease # SF-079296

CA # NM-73929 & NM-76139 Latitude: 36° 28' 19" N (NAD 83) Longitude: 107° 25' 51" W (NAD 83)

Elevation: 6405'

Total Acres Disturbed: 3.04 acres

Access Road: 155.30 feet API # 30-039-30673 Within City Limits: No

Pit Lined: YES

NOTE: Arch Monitoring is NOT required on this location.

Wendy Payne ConocoPhillips-SJBU 505-326-9533

Wendy.F.Payne@conocophillips.com

## ConocoPhillips

Reclamation Form:
Date: 10/3///2
Well Name: Federal II M
Footages: 2445 FSL 785 FEL Unit Letter: I
Section: <u>73</u> , T- <u>26</u> -N, R- <u>6</u> -W, County: <u>T</u> State: <u>Mn</u>
Reclamation Contractor: Az +cc
Reclamation Start Date: Elliptic 9/6/12
Reclamation Complete Date: 9//3//2
Road Completion Date: 9/17//2
Seeding Date: 9/18//2
**PIT MARKER STATUS (When Required): Picture of Marker set needed
MARKER PLACED: $\frac{10/12}{12}$ (DATE)
LATATUDE: 36.47199
LONGITUDE: 107.43089
Pit Manifold removed $\frac{9/6/12}{}$ (DATE)
Construction Inspector: 5. M=G lasson Date: 19/31/12
Inspector Signature:
Office Use Only: SubtaskPictures

Revised 6/14/2012

FEDERAL #11M

2445' FSL 785' FEL

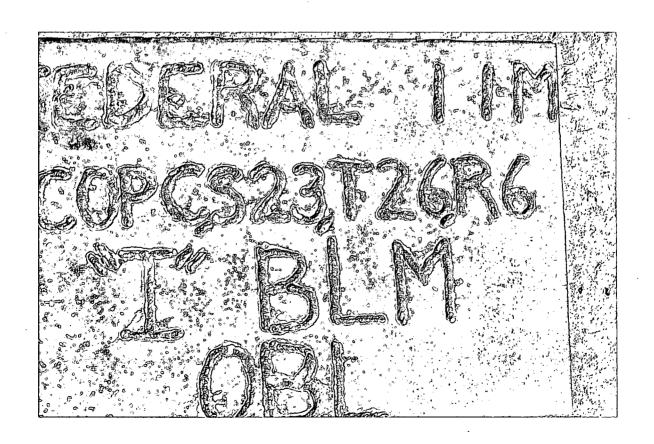
UNIT I SEC 23 T26N R6W

EASE #SF-079296 ELEV. 6405

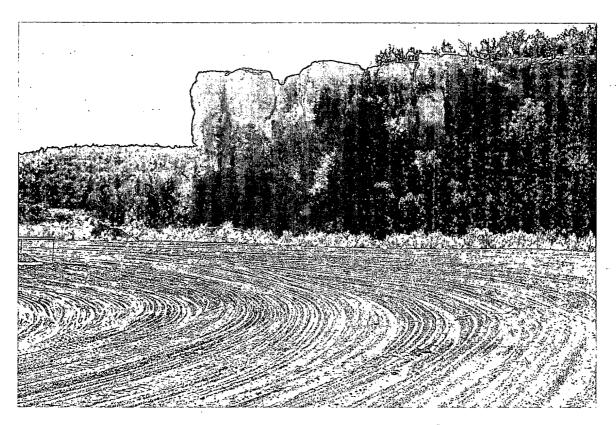
API #30-039-30673

CA # NM-73929 & NM-76139

TUDE 36° 28 MIN. 19 SEC. N (NAD & NGITUDE 107° 25 MIN. 51 SEC. W (NAD & NAD & N







	WELL NAME:									
	Federal 11M									
-	INSPECTOR DATE	Fred Mtz 08/16/12	Fred Mtz 08/23/12	. Fred Mtz 09/06/12	Fred Mtz 09/13/12	<del> </del>			<del> </del>	
	*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
		☑ Drilled	☑ Drilled	☑ Drilled	☑ Drilled	Drilled	Drilled	☐ Drilled	Drilled	☐ Drilled
	PIT STATUS	✓ Completed ☐ Clean-Up	Completed Clean-Up.	☐ Completed ☐ Clean-Up	✓ Completed ☐ Clean-Up	Completed Clean-Up	Completed Ciean-Up	Completed Clean-Up	☐ Completed☐ Clean-Up	☐ Completed☐ Clean-Up
2.01	and the second state of the second state of the second second second second second second second second second	Clean-op	Clean-op.	Clean-op	Clean-op	Clean-ob	Clean-op	Clean-Op	L clean-op	Clear-op
ATION	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
10C	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
NCE	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
OMPLIAN	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
AL CO	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
	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
ENVIRONMENT	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 V 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
ې د	Was the OCD contacted?	☐ Yes ☑ No	Yes No	Yes V 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	Debri in pit sign on fence facility's	set Flint tighten on		Debri in pit hole in liner contact Flint to repair pit liner, roads rutted.					

	WELL NAME: Federal 11M	OPEN P	IT INSPE	ECTION	ConocoPhillips					
	INSPECTOR		Fred Mtz	Fred Mtz	Fred Mtz	Fred Mtz	Fred Mtz	fred Mtz	Fred Mtz	Fred Mtz
<u> </u>	*Please request for pit extention after 26 weeks	04/18/12 Week 1	04/25/12 Week 2	05/02/12 Week 3	05/09/12 Week 4	05/31/12 Week 5	06/07/12 Week 6	06/14/12 Week 7	Week 8	08/02/12 Week 9
	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
NOIT	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
1000	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
ANCE	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	Yes 🗸 No
OMPLIAN	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 V No	✓ Yes  No	☑ Yes ☐ No	☐ Yes ☐ No	☑ Yes ☐ No	✓ Yes □ No	☑ Yes ☐ No
MENT/	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
ENVIRONMENTAL	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
ENV	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
1,	Was the OCD contacted?	☐ Yes ☐ No	Yes No	Yes 🗸 No	Yes V No	☐ Yes ☑ No	☐ Yes ☑ No ː	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No
44.49.4	PICTURE TAKEN	Yes No	Yes No	Yes No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No
,	COMMENTS	rig on location	rig on location	Sample pit debri in pit oil stains on location.		1	Debri in pit more oil stains cause of		debri in pit	Fence loose debri in pit sign on fence.