	and the second se	
<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District 11</u> 811 S. First St., Artesia, NM 88210 <u>District 111</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District 1V</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-144 Revised June 6, 2013 For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office. For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.
· ·	Pit Below-Grade Tank or	
Dropogod Alta	<u>rnetive Method Permit or Closure I</u>	Plan Application
JS <u>Froposed Alle</u>	emanye Method Fermit of Closure I	Tan Application
Type of action: Below Permi Closur Or proposed alternative met	v grade tank registration t of a pit or proposed alternative method re of a pit, below-grade tank, or proposed alternat fication to an existing permit/or registration re plan only submitted for an existing permitted o hod	ive method r non-permitted pit, below-grade tank,
Instructions: Please submit o	ne application (Form C-144) per individual pit, below	-grade tank or alternative request
Please be advised that approval of this request does not	ot relieve the operator of liability should operations result i	in pollution of surface water, ground water or the
environment. Nor does approval relieve the operator	of its responsibility to comply with any other applicable g	byernmental authority's rules, regulations or ordinances.
Operator: Burlington Resources Oil & Gas Comp	Dany LP OGRID#:	14538
Address: PO BOX 4289, Farmington, I	NM 87499	
Facility or well name: Culpepper Mar	tin 112	
API Number: 30-045-34830	OCD Permit Number:	· · · · · · · · · · · · · · · · · · ·
U/L or Otr/Otr G (SWNE) Section 33 T	Township 32N Range 12W County:	San Juan
Center of Proposed Design: Latitude 36.9458	888 •N Longitude 108.09791 •W	NAD: □1927 ⊠ 1983
Surface Owner: \Box Federal \Box State \boxtimes Private [Tribal Trust or Indian Allotment	
$\square \underline{Pit}: Subsection F, G or J of 19.15.17.11 NI$	MAC This Closure was found during our internal	audit, please see attached explanation.
Permanent Emergency Cavitation	P&A Multi-Well Fluid Management	ow Chloride Drilling Fluid 🖾 yes 📋 no
Lined Unlined Liner type: Thickness		Other
String-Reinforced		
Liner Seams: 🛛 Welded 🖾 Factory 🗋 Other	Volume: <u>4400</u> _bb	Dimensions: $L_{65'}$ x W <u>45'</u> x D <u>10'</u>
3.		
Below-grade tank: Subsection 1 of 19.15.1	7.11 NMAC	KCVD DEC 4'13
Volume:bbl Type of	f fluid:	UIL CUNS. DIV.
Tank Construction material:Metal		DIST. 3
Secondary containment with leak detection	Visible sidewalls, liner, 6-inch lift and automatic o	verflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidew	walls only 🔲 Other	
Liner type: Thicknessm	nil 🔲 HDPE 🗌 PVC 🖾 Other	
4.		
Alternative Method:		
Submittal of an exception request is required. E	xceptions must be submitted to the Santa Fe Environme	ental Bureau office for consideration of approval.
5.		
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-g	rade tanks)
Chain link, six feet in height, two strands of b	parbed wire at top (Required if located within 1000 feet	of a permanent residence, school, hospital,
institution or church)	availy around baty and and favor fact	
L Four loot neight, lour strands of barbed wire	eventy 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 INetting Other_

6.

7

8

I 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

Signed in compliance with 19.15.16.8 NMAC

Variances 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:

Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

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. Siting criteria does not apply to drying pads or above-grade tanks.

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☑ Data obtained from nearby wells	□ Yes □ No □ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
 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. (Does not apply to below grade tanks) Written confirmation or verification from the municipality; Written approval obtained from the municipality 	🗌 Yes 🗌 No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	Yes No
 Within an unstable area. (Does not apply to below grade tanks) 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. (Does not apply to below grade tanks) - FEMA map	Yes No
Below Grade Tanks	
 Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site 	🗌 Yes 🗌 No
 Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	🗌 Yes 🗋 No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
 Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) Topographic map; Visual inspection (certification) of the proposed site 	🗋 Yes 🗋 No
 Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	🗋 Yes 🗋 No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search: Visual inspection (certification) of the proposed site	Yes No

 Within 100 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	🗌 Yes 🗌 No					
Temporary Pit Non-low chloride drilling fluid						
 Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any 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. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	Yes No					
 Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	🗋 Yes 🗌 No					
 Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	🗌 Yes 🗌 No					
Permanent Pit or Multi-Well Fluid Management Pit						
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map: Visual inspection (certification) of the proposed site	🗌 Yes 🗌 No					
 Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	🗌 Yes 🗌 No					
 Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	🗋 Yes 🗌 No					
 Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 						
10. Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 N <i>Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the do attached.</i> 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 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.10 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19. and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number: 	IMAC cuments are NMAC 15.17.9 NMAC					
11.						
Multi-Well Fluid Management Pit 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 doc attached. 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 A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	cuments are .15.17.9 NMAC					
rreviously Approved Design (attach copy of design) API Number: or Permit Number:						
¢						

12.		
<u>Permanent Pits Permit Application Che</u> Instructions: Each of the following item.	<u>ccklist</u> : Subsection B of 19.15.17.9 NMAC s must be attached to the application. Please indicate, by a check mark in the box, that the	documents are
attached.		
Siting Criteria Compliance Demons	strations - based upon the appropriate requirements of 19.15.17.9 NMAC	
Climatological Factors Assessment		
Certified Engineering Design Plans	- based upon the appropriate requirements of 19.15.17.11 NMAC	
Dike Protection and Structural Integ	grity Design - based upon the appropriate requirements of 19.15.17.11 NMAC	
Leak Detection Design - based upo	n the appropriate requirements of 19.15.17.11 NMAC	
Liner Specifications and Compatible	lity Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC	
Operating and Maintenance Plan - 1	pased upon the appropriate requirements of 19.15.17.12 NMAC	
Freeboard and Overtopping Prevent	tion Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
Nuisance or Hazardous Odors, incl	uding H ₂ S, Prevention Plan	
Emergency Response Plan		
Monitoring and Inspection Plan	ацоп	
Erosion Control Plan		
Closure Plan - based upon the appro	opriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
13. Proposed Closure: 19151713 NMAC		
Instructions: Please complete the application	able boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
Type: Drilling D Workover D Fm	ergency \Box Cavitation $\Box P \& \Delta \Box$ Permanent Pit \Box Below-grade Tank \Box Multi-well F	luid Management Pit
Alternative		ind Manugement I it
Proposed Closure Method: 🛛 Waste Exe	cavation and Removal	
U Waste Re	moval (Closed-loop systems only)	
U On-site C	losure Method (Only for temporary pils and closed-loop systems)	
	e Closure Method	
14		
Son Backfin and Cover Design Spe Re-vegetation Plan - based upon the Site Reclamation Plan - based upon	e appropriate requirements of Subsection H of 19.15.17.13 NMAC the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
15		
Siting Criteria (regarding on-site closur	e methods only): 19.15.17.10 NMAC	
Instructions: Each siting criteria require provided below. Requests regarding chai 19.15.17.10 NMAC for guidance.	es a demonstration of compliance in the closure plan. Recommendations of acceptable sou. ages to certain siting criteria require justifications and/or demonstrations of equivalency. I	rce material are Please refer to
Ground water is less than 25 feet below th	e bottom of the buried waste	
- NM Office of the State Engineer -	iWATERS database search: USGS: Data obtained from nearby wells	
Ground water is between 25 50 feet below		
- NM Office of the State Engineer -	iWATERS database search: USGS: Data obtained from nearby wells	
	the first of the first state of	
Ground water is more than 100 feet below	the bollom of the burled waste. iWATERS database search: USGS: Data obtained from nearby wells	
- NW Office of the State Engineer -	TWATERS database search, 0505, Data obtained noin nearby wens	
Within 100 feet of a continuously flowing	watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa	Yes 🗋 No
Take (measured from the ordinary high-wa	ter mark). on (certification) of the proposed site	
· · · · · · · · · · · · · · · · · · ·		
Within 300 feet from a permanent residen	ce, school, hospital, institution, or church in existence at the time of initial application.	Yes 🗌 No
- visual inspection (certification) of	the proposed site, Aeriai photo, Saterine image	
Within 300 horizontal feet of a private, do	mestic fresh water well or spring used for domestic or stock watering purposes, in existence	Yes 🗋 No
at the time of initial application.	iWATERS database: Visual inspection (certification) of the proposed site	
- New Office of the state Englicet -	There is the state of the state	
Written confirmation or verification from	the municipality; Written approval obtained from the municipality	Yes 🗌 No
Within 300 feet of a wetland.	·	}
US Fish and Wildlife Wetland Identification	on map; Topographic map; Visual inspection (certification) of the proposed site	Yes T No
Within incorporated municipal boundaries	or within a defined municipal fresh water well field covered under a municipal ordinance	
mann meorporated municipal boundaries	on on which a defined manerpar resh water wen neid covered under a manerpar ordinance	· · · · · · · · · · · · · · · · · · ·
Form C-144	Oil Conservation Division Page 4 o	of 6

. .

- Written confirmation or verification from the municipality; Written approval obtained from the municipality								
	🗌 Yes 🗌 No							
 Within the area overlying a subsurface mine. Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division 								
Within an unstable area.								
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	📋 Yes 🗌 No							
Within a 100-year floodplain. - FEMA map	Yes 🗌 No							
16.								
 16. On-Site 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. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Stie Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC 								
17. Operator Application Cartification:								
Operator Application Certification:	iaf							
i hereby certify that the information submitted with this appreation is true, accurate and complete to the best of thy knowledge and ben	ICI.							
Name (Print): Title:								
Signature: Date:								
e-mail address: Telephone:								
18. OCD Approval: Dermit Application (including closure plan) X, Closure Plan (only) OCD Conditions (see attachment)								
OCD Representative Signature: Covert O-Kelly * Die to audit Approval Date: 12/11/: Title: OCD Permit Number:	2013							
OCD Representative Signature: Kelly * Due to audit Approval Date: 12/11/: Title: OCD Permit Number:	2013							
OCD Representative Signature: Kelly * Due to audit Approval Date: _12/11/: Title: OCD Permit Number: ^{19.} <u>Closure Report (required within 60 days of closure completion)</u> : 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 is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed.	2013 the closure report. complete this							
OCD Representative Signature:	2013 the closure report. complete this							
OCD Representative Signature:	2013 The closure report. Complete this							

. .

Operator Closure Certification:

•

.

22.

I hereby certify that the information and attachments submitted with this closure report is true, 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): Kenny Davis	Title: <u>Staff Regulatory Technician</u>
Signature:	Date: <u>12/3/13</u>
e-mail address: <u>kenny.r.davis@conocophillips.com</u>	Telephone: <u>505-599-4045</u>

The Culpepper Martin 112 Pit Closure was originally filed on 2/1/2010. The closure was denied due to chlorides exceeding the limit allowed under the 2008 Pit Rule. ConocoPhillips respectfully ask that this pit be closed under the 2013 Pit Rule standards. This closure was found during our internal audit of historical pits.

.

,

Depth below bottom of	Constituent	Method*	Limit**
pit to groundwater les than 10,000 mg/l TDS	5		
	Chloride	EPA Method 300.0	20,000 mg/kg
25-50 feet	ТРН	EPA SW-846 Method 418.1	100 mg/kg
	втех	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg
	Chloride	EPA Method 300.0	40,000 mg/kg

ТРН	EPA SW-846 Method 418.1	2,500 mg/kg
GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg
Chloride	EPA Method 300.0	80,000 mg/kg
ТРН	EPA SW-846 Method 418.1	2,500 mg/kg
GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg
	TPH GRO+DRO BTEX Benzene Chloride TPH GRO+DRO BTEX Benzene	TPHEPA SW-846 Method 418.1GRO+DROEPA SW-846 Method 8015MBTEXEPA SW-846 Method 8021B or 8260BBenzeneEPA SW-846 Method 8021B or 8015MChlorideEPA Method 300.0TPHEPA SW-846 Method 418.1GRO+DROEPA SW-846 Method 8015MBTEXEPA SW-846 Method 8021B or 8260BBenzeneEPA SW-846 Method 8015MBTEXEPA SW-846 Method 8021B or 8260BBenzeneEPA SW-846 Method 8021B or 8260B

*Or other test methods approved by the division

**Numerical limits or natural background level, whichever is greater [19.15.17.13 NMAC - Rp, 19.15.17.13 NMAC, 6/28/13]

The Culpepper Martin 112 pit closure did not take place in the 6 month time frame as required as per part 4 of the closure report summary. After reworking our internal processes between departments, we believe the issue has been addressed to reduce the possibility of this reoccurrence in the future. Burlington Resources respectfully requests that this Pit Closure be approved. This discrepancy was found as a part of our internal audit to try to clean up historical permits.

> OIL CONS. DIV DIST. 3 DEC 1 1 2013

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

Lease Name: CULPEPPER MARTIN 112 API No.: 30-045-34830

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

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

General Plan:

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

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

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

The pit was closed using onsite burial.

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

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

- 4. Within 6 months of the Rig Off status occurring BR will ensure that temporary pits are closed, re-contoured, and reseeded.
- 5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

Notification is attached.

6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).

7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

Burlington mixed the Pit contents with non-waste containing, earthen material in order to achieve the solidification process. The solidification process was accomplished by using a combination of natural drying and mechanically mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio consisted of approximately 3 parts clean soil to 1 part pit contents.

 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	ND ug/kg		
BTEX	EPA SW-846 8021B or 8260B	50	36.0 ug/kG		
ТРН	EPA SW-846 418.1	2500	248 mg/kg		
GRO/DRO	EPA SW-846 8015M	500	14.7 mg/Kg		
Chlorides	EPA 300.1	1000/ 500-	1280 mg/L		

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

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

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

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

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

Dig and Haul was not required.

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

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

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

Provision 13 was accomplished on 11/11/2009 with the following seeding regiment:

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

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

Provision 14 was accomplished on 11/11/2009 with the above seeding regiment. Seeing was accomplished via drilling on the contour whenever practical or by other division-approved methods. The OCD will be notified once two successive growing seasons have been accomplished by submitting a C-103.

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

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

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, Fee, CULPEPPER MARTIN 112, UL-G, Sec. 33, T 32N, R 12W, API # 30-045-34830



Mary Kay Cornwall Staff Associate Property Tax, Real Estate, ROW & Claims ConocoPhillips Company PO Box 4289 Farmington, NM 87499-1429 (505) 324-6106 (505) 324-6136

October 14, 2008

VIA CERTIFIED MAIL – RETURN RECEIPT REQUESTED

7192-3496-0010-0027-4210

Montoya Sheep & Cattle Company Attn: Stella Montoya 1592 Highway 170 La Plata, NM 87418

Re: San Juan County, New Mexico

Culpepper Martin 112 Section 33, T32N, R12W

Culpepper Martin 112S Section 33, T32N, R12W

Culpepper Martin 113S Section 28, T32N, R12W

Dear Landowner:

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

If you have any questions, please contact Joni Clark @ (505)326-9701.

Sincerely,

Mary Kay Cornwall

Mary Kay Cornwall Staff Associate, PTRRC

STATE OF NEW MEXICO COUNTY OF SAN JUAN

§ §

§

RECORDATION NOTICE OF PIT BURIAL

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

Well Name:	Culpepper Martin 112
Unit Letter(1/4, 1/4):	G
Section:	33
Township:	32N
Range:	12W
County:	San Juan
State:	New Mexico

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

Burlington Resources Oil & Gas Company

By: BROG GP Inc, its sole General Partner By: Michael L.Mankin Title: Supervisor, PTRRC

STATE OF SAN JUAN

COUNTY OF NEW MEXICO

This instrument was acknowledged before me this $\frac{18^{12}}{18^{12}}$ 2010, by Michael L. day of 🛌 I anuary Mankin of Burlington Resources Oil and Gas Company, By: BROG GP Inc., its sole General Partner, on behalf of said corporation.

§ §

§

Han Notary Public

201000624

1 of 2



NOTARY PUBLIC - STATE OF NEW MEXICO

OFFICIAL SEAL JUANITA FARREL

My commission expires:

DISTRICT 1 1625 N. French Dr., Hobbs, N.M. 68240 DISTRICT II 1301 W. Grand Avenue, Artesis, N.M. 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, N.M. 87505 State of New Mexico Energy, Minerals & Natural Resources Department

> OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, N.M. 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	*Pool Code BASIN FRUITLAND COAL										
*Property C	ode	* Well Number								Well Number		
TOCPID N		CULPEPPER MARTIN II2										
OUND IN	0.	BUR		ON RES		S O		MPA	NY LP.			6014
L	¹⁰ Surface Location											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t	lhe	North/South line	Feet	from the	East/We	st line	County
G	33	32 N	12 W		1413		NORTH	18	326	EAS	T_	SAN JUAN
			" Botto	m Hole	Locatio	n l	f Different Fro	om S	urface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from t	the	North/South line	Feet	from the	East/We	st line	County
Dedicated Acre	s ["]	oint or Infill	¹⁴ Consolid	ation Code	¹⁸ Order No.							
320.00 (E	-/2)											
NO ALLOW.	ABLE W	ILL BE AS	SSIGNED ON-STA	TO THE	S COMPLI INIT HAS	ETI(BF	ON UNTIL ALL	INTE BY	RESTS H THE DIV	IAVE B. ISION	EEN	CONSOLIDATED
16 N 89°47'	'34" W	2627.	.08'	N 89	~48 11" W		2627.81		17 OP	ERATO	R CE	RTIFICATION
									hereby certify	that the in	formatio	a contained hervin us
- Q					5			97	us and comple rd that this w	rte to the b ganization	est of my either ou	y knowledge and bellof. one a working interest
671					141			444	varieased with opased bottom	nais interes hais locati	nt in the on or has	land including the a right to drill this
Ň								2 2 3	ell at this loos uner of such a	stion pursus s mineral o	ent to a' r working	contract with an g triterest, or to a
i				1				100 Ac	iuntary poolin relafore enter	g agreemen ed by the d	t or a c tuicion	ompulsory pooling order
				NAD 83			1826'					
μ U		L LON	AT: 36.9 NG: 108 (45888° N 97910° W	, <u>, , , , , , , , , , , , , , , , , , </u>			3				
25				NAD 27	,			6	Signature			Dale
70			T: 36°5	6.7532' N i 8369' W	1			8	Printed Nam	e		
0		2011						° 7	•			
			SEC	TION 33								
								Ĩ	18 SUR	VEYOR	CER	TIFICATION
78									hereby certify is plotted from	that the w is field note	ell locatio s of actu	on shown on this plat at surveys made by me
12					C.C. (LPEPPER		under my my rect to the be	pervision, a st of may b	nd that i eKof.	the same is true and
50								267		. /	UALL	W. 14.
								-	Date of Surve			EX
						-f			Signature and	stal of fr	ALL DE	
<u>ш</u>							l	3		13F	【祝	078 8 8
27.								5		NAS.	, Nor	10181
70							SF-078146	27		NOG A	<u>u</u>	19st
o z								°	1707		UFES	SIONAL
N 88º59'r)3" F	2640	79'	SAC	990'45' E) I 2668-03'	4	Certificate Nu	mber		
		2040.			, 17 40 L	1999						

•

Ŋ,

,

. . .





EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Culpepper Martin #112	Date Reported:	08-12-09
Laboratory Number:	51158	Date Sampled:	08-05-09
Chain of Custody No:	7674	Date Received:	08-07-09
Sample Matrix:	Soil	Date Extracted:	08-10-09
Preservative:	Cool	Date Analyzed:	08-11-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	9.4	0.2
Diesel Range (C10 - C28)	5.3	0.1
Total Petroleum Hydrocarbons	14.7	. 0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Culpepper Martin #112

Analyst

Muethi mucete Review

5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client	ConocoPhillips	Project #:	96052-0026
Sample ID:	Background	Date Reported:	08-12-09
Laboratory Number:	51159	Date Sampled:	08-05-09
Chain of Custody No:	7674	Date Received:	08-07-09
Sample Matrix:	Soil	Date Extracted:	08-10-09
Preservative:	Cool	Date Analyzed:	08-11-09
Condition:	Intact	Analysis Requested:	8015 TPH

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

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Culpepper Martin #112

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client	QA/QC		Project #:		N/A
Sample ID:	08-11-09 QA/Q	C	Date Reported:		08-12-09
Laboratory Number:	51139		Date Sampled:		N/A
Sample Matrix:	Methylene Chlori	de	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		08-11-09
Condition:	N/A		Analysis Remues	ted [.]	трн
	1471		/ doily 313 Freques		
	Collical Data	Cal Re	CGAIRE	%Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1.0285E+003	1.0289E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0946E+003	1.0950E+003	0.04%	0 - 15%
U U					
Blank Conc= (mg/L=-mg/Kg)		Goncentration		Detection Limi	
Gasoline Range C5 - C10		ND		0.2	-
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
-					
Diplicate Conc (mg/Kg)	Sample -	Duplicate	% Difference	Accept Range	
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%	
Diesel Range C10 - C28	17.7	18.8	6.2%	0 - 30%	
-					
Spike Conc. (mg/Kg)	Semple	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	ND	250	248	99.2%	75 - 125%
Diesel Range C10 - C28	17.7	250	279	104%	75 - 125%
-					

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments:

QA/QC for Samples 51139 - 51141 and 51153 - 51159.

Analyst

Musturn Walters Review

envirotech Analytical Laboratory

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Culpepper Martin #112	Date Reported:	08-12-09
Laboratory Number:	51158	Date Sampled:	08-05-09
Chain of Custody:	7674	Date Received:	08-07-09
Sample Matrix	Soil	Date Analyzed:	08-11-09
Preservative:	Cool	Date Extracted:	08-10-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Renzono	ND	0.9
Toluene	7.5	1.0
Ethylbenzene	3.2	1.0
p,m-Xylene	15.5	1.2
o-Xylene	9.8	0.9
Total BTEX	36.0	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96. 0 %
	Bromochlorobenzene	96.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Culpepper Martin #112

Analyst

Jaeter Mistin MI Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	ConocoPhillips	Project #:	96052-0026
Sample ID:	Background	Date Reported:	08-12-09
Laboratory Number:	51159	Date Sampled:	08-05-09
Chain of Custody:	7674	Date Received:	08-07-09
Sample Matrix:	Soil	Date Analyzed:	08-11-09
Preservative:	Cool	Date Extracted:	08-10-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	,,
Benzene	ND	0.9	

Toluene	3.2	1.0	
Ethylbenzene	1.9	1.0	
p,m-Xylene	8.6	1.2	
o-Xylene	4.5	0.9	
Total BTEX	18.2		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Culpepper Martin #112

Analyst

Beview

envirotech Analytical Laboratory

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

	N/A	F	rojeci #		N/A
Sample ID.	08-11-BT QA/QC	C	Date Reported		08-12-09
Laboratory Number:	51139	C	Date Sampled		NA
Sample Matrix:	Soil	C	Date Received		N/A
Preservative:	N/A	C	Date Analyzed		08-11-09
Cendition:	N/A	P	nalysis		BIEX
Calibration and	Gai RF	C-CalRE-	RADK	Blank. 3	Defect
Election Limits (ug/L)		Accept Rang	0 15%	Conc	Emit.
Benzene	4.9421E+006	4.9520E+005	0.2%	ND	0.1
Toluene	4.5512E+006	4.5603E+006	0.2%	ND	0.1
Ethyloenzene	3.9553E+006	3.9632E+006	0.2%	ND	0.1
p.m-Xylenə	1.0157E+007	1.0177E+007	0.2%	ND	0.1
o-Xylene	3.7742E+006	3.7817E+005	0.2%	ND	0.1
Highlightestest one suintknig					
Duplicate:Conca(Ug/Kg) Benzene Foluene Ethylbenzene o,m-Xylene p:Xylene	10.1 16.1 21.6 44.7 25.2	10.2 16.6 22.2 45.5 25.4	1.0% 3.1% 2.8% 1.8% 0.8%	0 - 30% 0 - 30% 0 - 35% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2 0.9
Duplicate:Conca(Ug/Kg) Benzene Toluene Ethylbenzene p,m-Xylene p:Xylene 5:Silke:Conca(Ug/Kg)	10.1 16.1 21.6 44.7 25.2 Samp	10.2 16.6 22.2 45.5 25.4	1.0% 3.1% 2.8% 1.9% 0.8%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2 0.9
Bungliczte:Conc2(Ug/Kg) Benzene Toluene Ethylbenzene p,m-Xylene o:Xylene o:Xylene Stilke:Conc3(Ug/Kg)	10.1 16.1 21.6 44.7 25.2 Sample	10.2 16.6 22.2 45.5 25.4 Amount Spiker	1.0% 3.1% 2.8% 1.9% 0.8%	0 - 30% 0 - 30% 0 - 35% 0 - 30% 0 - 30% MRecuvers	0.9 1.0 1.0 1.2 0.9 Accept Range 39 - 150
Duplicate Conca (Ug/Kg) Benzene Toluene Ethylbenzene p.m-Xylene o:Xylene Stake Conca (Ug/Kg) Benzene Tolueno	10.1 16.1 21.6 44.7 25.2 Sample 10.1 16.1	10.2 16.6 22.2 45.5 25.4 Amount Spiked 50.0 50.0	1.0% 3.1% 2.8% 1.8% 0.8% 58Ket 59.0 63.9	0 - 30% 0 - 30% 0 - 35% 0 - 30% 0 - 30% % Recovers 98.2% 98.2% 96.7%	0.9 1.0 1.0 1.2 0.9
Banzene Toluene Ethylbenzene p.m-Xylene o-Xylene Spike Conc. (ug/Kg) Benzene Tolueno Ethylbenzene	10.1 16.1 21.6 44.7 25.2 (Sample 10.1 16.1 21.6	10.2 16.6 22.2 45.5 25.4 Amount Spiked 50.0 50.0 50.0	1.0% 3.1% 2.8% 1.9% 0.8% Spiked Summiss 59.0 63.9 53.4	0 - 30% 0 - 30% 0 - 35% 0 - 30% 0 - 30% % Recuvers 98.2% 98.2% 95.5%	0.9 1.0 1.0 1.2 0.9 Accept Range 39 - 150 46 - 148 32 - 160
Banzene Toluene Ethylbenzene p.m-Xylene o-Xylene Spike Conc. (ug/Kg) Benzene Tolueno Ethylbenzene p.m-Xylene	10.1 16.1 21.6 44.7 25.2 Sample 10.1 16.1 21.6 44.7	10.2 16.6 22.2 45.5 25.4 Amount Spiral 50.0 50.0 50.0 50.0 100	1.0% 3.1% 2.8% 1.9% 0.8% Spiked Sumitist 59.0 63.9 58.4 150	0 - 30% 0 - 30% 0 - 35% 0 - 30% 0 - 30% % Recuvers 98.2% 98.2% 98.7% 95.5% 103%	0.9 1.0 1.0 1.2 0.9 Accept Range 39 - 150 46 - 148 32 - 160 46 - 148

References.

Method 5030B, Purge-and-Trap. Test Methods for Evaluating Solid Waster SW-846, USEPA, December 1996.

Method 80218, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-848, USEPA December 1998

Comments: ____ QA/QC for Samples 51139 - 51141 and 51153 - 51159. __

Analyst

Beview Watter

Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech Analytical Laboratory

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Culpepper Martin #112	Date Reported:	08-13-09
Laboratory Number:	51158	Date Sampled:	08-05-09
Chain of Custody No:	7674	Date Received:	08-07-09
Sample Matrix:	Soil	Date Extracted:	08-10-09
Preservative:	Cool	Date Analyzed:	08-10-09
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons	248	•	16.5
		•	

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:

Culpepper Martin #112.

Analyst

Review



.

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	ConocoPhillips	Project #:	96052-0026
Sample ID:	Background	Date Reported:	08-13-09
Laboratory Number:	51159	Date Sampled:	08-05-09
Chain of Custody No:	7674	Date Received:	08-07-09
Sample Matrix:	Soil	Date Extracted:	08-10-09
Preservative:	Cool	Date Analyzed:	08-10-09
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

ND

16.5

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:

Culpepper Martin #112.

Analyst

) ce tes hr Review



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client		QA/QC		Project #:		N/A
Sample ID:		QAVQC		Date Reported	:	08-11-09
Laboratory Number:		08-10-TPH.QA/C	C 51135	Date Sampled:		N/A
Sample Matrix:		Freon-113		Date Analyzed	:	08-10-09
Preservative:		N/A		Date Extracted	:	08-10-09
Condition:		N/A		Analysis Need	ed:	трн
Calibration	I-Cal Date 08-03-09	C-Cal Date 08-10-09	I-Cal RF: 1.380	C-Cal RF: 1 270	% Difference 8 0%	Accept. Range
Blank Conc. (mg TPH	/Kg)	같은 같은 것이다. 	Concentration ND		Detection Lin 16.5	通 家的社会。
Duplicate Conc. TPH	(mg/Kg)		Sample 386	Duplicate 386	% Difference 0.0%	Accept. Range +/- 30%
Spike Conc. (mg	iKg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
18H		386	2,000	2,320	97.2%	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 51135 - 51136, 51153 - 51159.

Analyst

ninbeles_ Minte Review



Chloride

Parameter		Concentration (mg	/Kg)
Condition:	Intact	Chain of Custody:	
^			7074
Preservative:	Cool	Date Analyzed:	08-11-09
Sample Matrix:	Soil	Date Received:	08-07-09
Lab ID#:	51158	Date Sampled:	08-05-09
Sample ID:	Culpepper Martin #112	Date Reported:	08-12-09
Client:	ConocoPhillips	Project #:	96052-0026

Total Chloride

1,280

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:

í

Culpepper Martin #112.

Analyst

Mistly Miceters Review



Total Chloride

Chloride

Parameter		Concentration (mg	/Kg)
			•
Condition:	Intact	Chain of Custody:	7674
Preservative:	Cool	Date Analyzed:	08-11-09
Sample Matrix:	Soil	Date Received:	08-07-09
_ab ID#:	51159	Date Sampled:	08-05-09
Sample ID:	Background	Date Reported:	08-12-09
Client:	ConocoPhillips	Project #:	96052-0026

20

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:

Culpepper Martin #112.

Analysi

Beview Beview

Submit To Appropriate District Office Two Copies District 1	Energy	State of New Minerals and N	Mexico	sources			Fo	orm C-105 July 17, 2008
I625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210					1. WELL 30-045-341	API NO. 830		
District III	Oil Conservation Division			Vilesia, NM 66210 Oil Conservation Division 1220 South St. Example Dr.				
District IV	12	20 South St. B	Francis L	Dr.	3 State Oil	TE FEE	FED/IND	DIAN
1220 S. St. Francis Dr., Santa Fe, NM 87505		Santa Fe, Niv	1 87303		5. State Off	x Clas Lease NU.		
WELL COMPLETION OF	RECOMPL	ETION REPO	ORT AND	DLOG	the state	disc. At	and the start	Section in
4. Reason for filing:		6 6			5. Lease Nam CULPEPPER	ne or Unit Agree MARTIN	ment Name	
L] COMPLETION REPORT (Fill in box	es #1 through #31	for State and Fee we	ells only)		6. Well Num 112	ber:		
C-144 CLOSURE ATTACHMENT (#33; attach this and the plat to the C-144 clc	Fill in boxes #1 th sure report in acco	rough #9, #15 Date I ordance with 19.15.1	Rig Released 7.13.K NMA	and #32 and/or C)		8.4 X		
7. Type of Completion:		EPLUGBACK		NT RESERVO				
8. Name of Operator					9. OGRID			
Burlington Resources Oil Gas Company, L	P	·			14538	e or Wildcat	······································	
					11.100 144	e or madat		
12 Location Unit Ltr Section	Township	Range	ot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:								
BII:					+			
13. Date Spudded 14. Date T.D. Reached	15. Date Ri	g Released	16	Date Complete	ed (Ready to Pro-	duce) 1	7. Elevations (D	F and RKB,
	04/25/2009					R	T, GR, etc.)	
18. Total Measured Depth of Well	19. Plug Ba	ck Measured Depth	. 20	Was Direction	nal Survey Made	? 21. Typ	e Electric and C	Other Logs Run
22. Producing Interval(s), of this completion	1 - Top, Bottom, N	ame			T	<u>I</u>	<u> </u>	
22	CAS	ING RECO	PD (Ren	ort all stri	ngs set in w	(II)		
CASING SIZE WEIGHT L	B./FT.	DEPTH SET		OLE SIZE	CEMENTIN	NG RECORD	AMOUN	F PULLED
				_				
24.	I	IER RECORD		2	5.	TUBING REC	ORD	
SIZE TOP I	BOTTOM	SACKS CEMEN	IT SCREE	NS	SIZE	DEPTH SE	Г РАСН	KER SET
26. Perforation record (interval, size, and	number)	1	27 AC	ID SHOT F	RACTURE CI	EMENT SOU	EEZE ETC	
	,		DEPTH	INTERVAL	AMOUNT /	AND KIND MA	TERIAL USED)
		PI						
28. Date First Production Prod	luction Method (F)	Pl lowing, gas lift, pump	ping - Size ar	d type pump)	Well Statu	s (Prod. or Shut	-in)	
28. Date First Production Prod	luction Method (F)	Pl lowing, gas lift, pump	ping - Size ar	nd type pump)	Well Statu	s (Prod. or Shut	-in)	
28. Date First Production Proc Date of Test Hours Tested	luction Method (Fi	Pl lowing, gas lift, pump Prod'n For Test Period	Dil - Bt	ITON nd type pump)	Well Statu Jas - MCF	s (Prod. or Shul Water - Bbl	-in) . Gas -	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested	luction Method <i>(Fi</i>	Pl lowing, gas lift, pump Prod'n For Test Period	ping - Size an Oil - Bt	ITON id type pump)	Well Statu Jas - MCF	s (Prod. or Shut Water - Bbl	-in) 	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested Flow Tubing Casing Pressure Press.	luction Method <i>(Fi</i> Choke Size Calculated 24- Hour Rate	PI lowing, gas lift, pump Prod'n For Test Period Oil - Bbl.	Oil - Bt	nd type pump)	Well Statu Jas - MCF Water - Bbl.	s (Prod. or Shul Water - Bbl Oil Gra	-in) Gas - wity - API - (Cc	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested Flow Tubing Casing Pressure Press.	luction Method (Fi Choke Size Calculated 24- Hour Rate	Pl lowing, gas lift, pump Prod'n For Test Period Oil - Bbl.	Oil - Bt	ITION id type pump) I C - MCF	Well Statu Gas - MCF Water - Bbl.	S (Prod. or Shut Water - Bbl Oil Gra	-in) Gas - ivity - API - (Co	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested Flow Tubing Casing Pressure Press. 29. Disposition of Gas (Sold, used for fuel, 19)	luction Method (F) Choke Size Calculated 24- Hour Rate wented, etc.)	PI lowing, gas lift, pump Prod'n For Test Period Oil - Bbl.	Oil - Bt	ITION ad type pump) I C - MCF	Well Statu jas - MCF Water - Bbl.	s (Prod. or Shut Water - Bbl Oil Gra 30. Test Witne	-in) Gas - wity - API - (Co essed By	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested Flow Tubing Casing Pressure Press. 29. Disposition of Gas (Sold, used for fuel, 31. List Attachments	luction Method (Fi Choke Size Calculated 24- Hour Rate wented, etc.)	PI lowing, gas lift, pump Prod'n For Test Period Oil - Bbl.	Oil - Bt	ITION ad type pump) I C - MCF	Well Statu Gas - MCF Water - Bbl.	s (Prod. or Shut Water - Bbl Oil Gra 30. Test Witne	-in) Gas - wity - API - (Co essed By	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested Flow Tubing Casing Pressure Press. 29. Disposition of Gas (Sold, used for fuel, 31. List Attachments 32. If a temporary pit was used at the well, 4.	luction Method (Fi Choke Size Calculated 24- Hour Rate <i>vented, etc.)</i>	PI lowing, gas lift, pump Prod'n For Test Period Oil - Bbl. Dil - bbl.	Oil - Bt	I (type pump)	Well Statu Gas - MCF Water - Bbl.	Water - Bbl Oil Gra 30. Test Witne	-in) Gas - ivity - API - (Co essed By	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested Flow Tubing Casing Pressure Press. 29. Disposition of Gas (Sold, used for fuel, 1931). List Attachments 31. List Attachments 33. If an on-site burial was used at the well, 133. If an on-site burial was used at the well, 133.	Iuction Method (F) Choke Size Calculated 24- Hour Rate wented, etc.) attach a plat with the report the exact le	PI lowing, gas lift, pump Prod'n For Test Period Oil - Bbl. Dil - Bbl. he location of the tem reation of the on-site	Oil - Bt	I (type pump)	Well Statu jas - MCF Water - Bbl.	s (Prod. or Shul Water - Bbl Oil Gra 30. Test Witne	-in) Gas - wity - API - (Co essed By	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested Flow Tubing Casing Pressure Press. Casing Pressure 29. Disposition of Gas (Sold, used for fuel, 1) 31. List Attachments 32. If a temporary pit was used at the well, 4 33. If an on-site burial was used at the well, 4 Latitude 31 Latitude 31	Iuction Method (Fi Choke Size Calculated 24- Hour Rate wented, etc.) attach a plat with the report the exact le 6.94576389°N	PI lowing, gas lift, pump Prod'n For Test Period Oil - Bbl. Oil - Bbl. he location of the ten scation of the on-site Longitude 108.098	Oil - Bt	110N nd type pump) 1 C - MCF - MCF - D□1927 ⊠ and counts	Well Statu jas - MCF Water - Bbl.	Water - Bbl Oil Gra 30. Test Witne	-in) Gas - wity - API - (Co essed By	Oil Ratio
28. Date First Production Proc Date of Test Hours Tested Flow Tubing Casing Pressure Press. Casing Pressure 29. Disposition of Gas (Sold, used for fuel, 31. List Attachments 32. If a temporary pit was used at the well, 33. If an on-site burial was used at the well, Latitude 30 I hereby certify that the information Signature Latitude	Iuction Method (Fi Choke Size Calculated 24- Hour Rate wented, etc.) attach a plat with the report the exact le 5.94576389°N m shown on bon Pri Man Na:	PI lowing, gas lift, pump Prod'n For Test Period Oil - Bbl. Oil - Bbl. he location of the ten cation of the on-site Longitude 108.098 th sides of this fo inted me Crystal Tafe	Oil - Bt Oil - Bt Gas nporary pit. burial: 1306°W NA orm is true oya Titl	AD [1927 X and complete e: Regulato	Well Statu Jas - MCF Water - Bbl. 1983 te to the best of ry Tech	s (Prod. or Shul Water - Bbl Oil Gra 30. Test Witne of my knowler Date: 2	-in) Gas - ivity - API - (Co essed By dge and belia	Oil Ratio

.

.

ConocoPhillips

Par Ciosura	e Porm:			
Date: <u>101</u>	8/2009			
Well Name:	Culpepper	Martin 112		
Footages:	1413 FNL	1826 FEL	Unit Letter:	G
Section: <u>3</u>	<u>3</u> , T. <u>32</u> -N	R- <u>12</u> -W, County:	<u>S</u> State:	NM
Contractor (Closing Pit:	Ace		

ť.

Construction Inspector: Norman Fare Date: 1018/2009. Inspector Signature:

Revised 7/10/03

;

Tafoya, Crystal

From: Sent:	Bonilla, Amanda Tuesday, October 06, 2009 9:17 AM
To:	Brandon Powell@state.nm.us: Mark Kelly: Robert Switzer: Sherrie Landon
Cc:	'acedragline@yahoo.com'; 'bko@digii.net'; Elmer Perry; Faver Norman (faverconsulting@yahoo.com); Jared Chavez; Bassing, Kendal R.; Scott Smith; Silverman, Jason M; Smith Eric (sconsulting.eric@gmail.com); 'Steve McGlasson'; Terry Lowe; Becker, Joey W; Bonilla, Amanda; Bowker, Terry D; Gordon Chenault; GRP:SJBU Production Leads; Hockett, Christy R; Johnson, Kirk L; Kennedy, Jim R; Lopez, Richard A; Nelson, Terry J; O'Nan, Mike J.; Peace, James T; Pierce, Richard M; Poulson, Mark E; PTRRC; Richards, Brian; Smith, Randall O; Spearman, Bobby E; Stamets, Steve A; Thacker, LARRY; Work, Jim A
Subject:	Reclamation Notice - Cilpepper Martin 112
Attachments:	Culpepper Martin 112.pdf; Picture (Metafile)

ACE Services will move a tractor to the <u>Culpepper Martin 112</u> on Thursday, October 8th, 2009 to start the reclamation process.

Please contact Norm Faver (320.0670) if you have any questions or need further assistance.



Burlington Resources Well- Network # WAN.RFE.PD08.F3

in San Juan County, NM:

Culpepper Martin Unit 112- FEE surface/minerals

1413' FNL, 1826' FEL Sec. 33, T32N, R12W Unit Letter 'G' Lease #: FEE Latitude: 36° 56 min 45.19680 sec N (NAD 83) Longitude: 108° 05 min 52.47600 sec W (NAD83) Elevation: 6014' API #: 30-045-34830

Amanda L. Bonilla

ConocoPhillips Construction Technician San Juan Basin Unit Project Development Ph: 505.326.9765 Fax: 505.324.4062

Not all those who wander are lost

.

• •

. .

.

.

--JRR Tolkien

.

.

.

...

and the second second

CannocoPhillips

Reclamation Form:
Dava: 11/11/2009
Well Mama: CulPetter Martin 112
Footages: 1413 FNL 1826 FEL Unit Letter: C
Section: 33, T-32-N, R-12-W, County: 57 State: NM
Reclamation Contractor: <u>Ace</u>
Reclamation Dats: 10/09/2009
Rued Completion Date: 10/19/2009
Seeding Date: 11/11/2009

Construction Inspector: Inspector Signature:

Norman	Fave	Dato:	11/11/2009
Horman	F	2	
		· ·	

 \mathcal{O}

ANGS THUSS





WEI	WELL NAME: Culpepper Martin 112				API#: 30-045-34830
DATE	INSPECTOR	SAFETY	LOCATION	PICTURES	COMMENTS
•		CHECK	CHECK	TAKEN	
1/6/09	Jared Chavez	, X	X		FENCE NEEDS TIGHTENED - CONTACTED CROSSFIRE FOR REPAIRS
1/19/09	Jared Chavez	X	Х		PIT AND LOCATION IN GOOD CONDITION
1/27/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
2/4/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
2/11/09	Jared Chavez	X	Х		PIT AND LOCATION IN GOOD CONDITION
2/18/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
2/24/09	Jared Chavez	X	Х		PIT AND LOCATION IN GOOD CONDITION
3/4/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
3/11/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
3/17/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
3/25/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
4/8/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
4/22/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
4/27/09	Jared Chavez	Х	Х		FENCE NEEDS TIGHTENED, HOLES IN THE BLOWPIT - CONTACTED CROSSFIRE FOR REPAIRS
5/6/09	Jared Chavez	Х	Х		OIL ON LINER - NEEDS POWER WASHED - CONTACTED CROSSFIRE
5/20/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
6/5/09	Jared Chavez	X	X		PIT AND LOCATION IN GOOD CONDITION
6/16/09	Jared Chavez	X	Х		PIT AND LOCATION IN GOOD CONDITION
6/29/09	Jared Chavez	Х	Х		PIT AND LOCATION IN GOOD CONDITION
7/15/09	Jared Chavez				KEY #15 IS ON LOCAITON
7/22/09	Jared Chavez				KEY #15 IS ON LOCAITON
7/29/09	Jared Chavez	х	X		PIT AND LOCATION IN GOOD CONDITION

WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

3/5/09	Jared Chavez	Х	X	PIT AND LOCATION IN GOOD CONDITION
3/12/09	Jared Chavez	X	X	PIT AND LOCATION IN GOOD CONDITION
3/19/09	Jared Chavez	X	X	PIT AND LOCATION IN GOOD CONDITION
3/26/09	Jared Chavez	X	X	PIT AND LOCATION IN GOOD CONDITION
9/17/09	Jared Chavez	Х	X	PIT AND LOCATION IN GOOD CONDITION - L AND R
				SWABBING IS ON LOCATION
10/7/09	Jared Chavez	Х	Х	PIT AND LOCATION IN GOOD CONDITION
10/14/09	Jared Chavez			LOCATION HAS BEEN RECLAIMED
			l han han	