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

State of New Mexico Energy Minerals and Natural Resources

Department

July 21, 2008 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office

Form C-144

Santa Fe, NM 87505 Some and an exceptions submit to the Santa Fe	1301 W. Grand Ave., Artesia, NM 88210 District III	Oil Conservation Division 1220 South St. Francis Dr.	tailes, submit to the appropriate NMOCD District Office.
Environmental Boreau effice and provide a copy to the appropriate Dr. Samp Fe, NM 87305 Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action:			For permanent pits and exceptions submit to the Santa Fe
Pit. Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application Type of action:		,	The state of the s
Proposed Alternative Method Permit or Closure Plan Application Type of action:		it. Closed-Loop System, Below-Gra	ade Tank or
Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be advised that appeared there the operator of lawbility should operation grade tank or alternative request Please be advised that appeared of the requestion for interposition for grade tank or alternative request			
Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please to advice data approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its request does not relieve the operator of its pollution of surface water, ground water or the environment. Nor does approved relieve the operator of its request does not relieve the operator of its pollution of surface water, ground water or the environment. Nor does approved relieve the operator of its pollution and of surface water, ground water or the environment. Nor does approve and relieve the operator of its pollution and its pollution. Not approved to a surface water, ground water or the environment of surface water, ground water or the environment with a surface. Not approved to its pollution. Not approved to its pollution. Not approved to pollution. Not approved to its pollution. Not approved to its pollution. Not approved to a permit or notice of intent) Drying Pad	Type of action:	Permit of a pit, closed-loop system, below-grade	le tank, or proposed alternative method
Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be advised that approval of this request does not relieve the operator of liability aboutd operations result 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 povernmental authority's rules, regulations or ordinances. Operator: Burlington Resources Oil & Gas Company, LP	[2		de tank, or proposed alternative method
below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be advised that approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Toperator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Address: P.O. Box 4289, Farmington, NM 87499 Facility or well name: GRAMBLING C IF API Number: 30-045-34459 U/L or Qtr/Qtr: R(SENW) Section: 14 Township: 30N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.815463 °N Longitude: 107.857322 °W NAD: 1927 1883 Surface Owner: X Federal State Private Tribal Trust or Indian Allotment 2 Y Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: X Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thickness 20 mil X LLDPE HDPE PVC Other String-Reinforced Liner Seams: X Welded X Factory Other Volume: 4400 bbl Dimensions L 65' x W 45' x D 10' 3 Chosed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad	L	-	mitted or non-permitted nit closed-loop system
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of is responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Operators			
anvironment. Nor dees approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances. Operator: Burlington Resources Oil & Gas Company, LP			
Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538 Address: P.O. Box 4289, Farmington, NM 87499 Facility or well name: GRAMBLING C 1F API Number: 30-045-34459 OCD Permit Number: U/L or Qtr/Qtr: F(SE/NW) Section: 14 Township: 30N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.815463 °N Longitude: 107.857322 °W NAD: 1927 \neq 1928 \ne			
Address: P.O. Box 4289, Farmington, NM 87499 Facility or well name: GRAMBLING C 1F API Number: 30-045-34459 OCD Permit Number: U/L or Qtr/Qtr: F6SE/NW) Section: 14 Township: 30N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.815463 °N Longitude: 107.857322 °W NAD: 1927 X 1983 Surface Owner: X Federal State Private Tribal Trust or Indian Allotment 2 X Ptt: Subsection F or G of 19.15.17.11 NMAC Temporary: Morilling Workover Permanent Emergency Cavitation P&A X Lined Unlined Liner type: Thickness 20 mil X LLDPE HDPE PVC Other X String-Reinforced Liner Scams: X Welded X Factory Other Volume: 4400 bbl Dimensions L 65' x W 45' x D 10' 3 Glosed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Liner Scams: Welded Factory Other 4 Below-grade tank: Subsection I of 19.15.17.11 NMAC Tank Construction material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other	1	***	
Facility or well name: GRAMBLING C 1F API Number: 30-045-34459 OCD Permit Number: U/L or Qtr/Qtr: F(SE/NW) Section: 14 Township: 30N Range: 10W County: San Juar Center of Proposed Design: Latitude: 36.815463 °N Longitude: 107.857322 °W NAD: 1927 X 1983 Surface Owner: X Federal State Private Tribal Trust or Indian Allotment 2 X Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: X Drilling Workover Permanent Emergency Cavitation P&A X Lined Unlined Liner type: Thickness 20 mil X LLDPE HDPE PVC Other X String-Reinforced Liner Seams: X Welded X Factory Other Volume: 4400 bbl Dimensions L 65' x W 45' x D 10' 3 Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Liner Seams: Welded Factory Other 4 Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: bbl Type of fluid: Tank Construction material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other			OGINIDπ. 14330
API Number: 30-045-34459			
U/L or Qtr/Qtr: F(SE/NW) Section: 14 Township: 30N Range: 10W County: San Juan Center of Proposed Design: Latitude: 36.815463 °N Longitude: 107.857322 °W NAD: 1927 1838 Surface Owner: X Federal State Private Tribal Trust or Indian Allotment 2 X Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: X Drilling Workover Permanent Emergency Cavitation P&A X Lined Unlined Liner type: Thickness 20 mil X LLDPE HDPE PVC Other X String-Reinforced Liner Seams: X Welded X Factory Other Volume: 4400 bbl Dimensions L 65' x W 45' x D 10' 3 Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other College Thickness mil LLDPE HDPE PVD Other 4 Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: bbl Type of fluid: Tank Construction material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other			nber:
Center of Proposed Design: Latitude: 36.815463 °N Longitude: 107.857322 °W NAD:] 1927 \[\] 1983 Surface Owner: \[\] Federal \[\] State \[\] Private \[\] Tribal Trust or Indian Allotment 2 \[\] Yelt: Subsection F or G of 19.15.17.11 NMAC Temporary: \[\] Drilling \[\] Workover \[\] Permanent \[\] Emergency \[\] Cavitation \[\] P&A \[\] XLined \[\] Unlined \[\] Liner type: Thickness \[\] 20 mil \[\] X LLDPE \[\] HDPE \[\] PVC \[\] Other \[\] String-Reinforced Liner Seams: \[\] Welded \[\] Factory \[\] Other \[\] Volume: \[\] 4400 bbl Dimensions \[\] 65' x W \[\] 45' x D \[\] 10' \[\] Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: \[\] P&A \[\] Drilling a new well \[\] Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) \[\] Drying Pad \[\] Above Ground Steel Tanks \[\] Haul-off Bins \[\] Other \[\] Lined \[\] Unlined \[\] Unlined \[\] Liner type: Thickness \[\] mil \[\] LLDPE \[\] HDPE \[\] PVD \[\] Other \[\] Liner Seams: \[\] Welded \[\] Factory \[\] Other \[\] Liner Seams: \[\] Welded \[\] Factory \[\] Other \[\] Thickness \[\] mil \[\] LLDPE \[\] HDPE \[\] PVD \[\] Other \[\] Liner Seams: \[\] Welded \[\] Factory \[\] Other \[\] Thickness \[\] mil \[\] LLDPE \[\] HDPE \[\] PVD \[\] Other \[\] Liner Seams: \[\] Welded \[\] Factory \[\] Other \[\] Tank Construction material: \[\] Secondary containment with leak detection \[\] Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off \[\] Visible sidewalls and liner \[\] Visible sidewalls only \[\] Other			
Surface Owner: X Federal State Private Tribal Trust or Indian Allotment State			·
X Pit: Subsection F or G of 19.15.17.11 NMAC			
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVD Other Liner Scams: Welded Factory Other Below-grade tank: Subsection I of 19.15.17.11 NMAC	Permanent Emergency Cavi X Lined Unlined Liner X String-Reinforced	itation P&A type: Thickness 20 mil X LLDPE	
4 Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: bbl Type of fluid: Tank Construction material: Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other	Type of Operation: P&A D Drying Pad Above Ground Lined Unlined Liner ty	Orilling a new well Workover or Drilling (Applies notice of intent) Steel Tanks Haul-off Bins Other pe: Thickness mil LLDPE	HDPE PVD Other 203031-12345
Secondary containment with leak detection	4		12 OIL CONG 2010
Secondary containment with leak detection			DIV. DIST. 3
Secondary containment with leak detection	Tank Construction material:		
5	Visible sidewalls and liner	Visible sidewalls only Other	utomatic overflow shut-off
	5		

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

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, instit Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify	ution or church)
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other Monthly inspections (If netting or screening is not physically feasible)	
Signs: Subsection C of 19.15.17.11 NMAC 12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19.15.3.103 NMAC	
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consicting/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	deration of approval.
Siting Criteria (regarding permitting) 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.	
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes No
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes No
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality: Written approval obtained from the municipality	Yes No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes No
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 19.15.17.12 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 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)
Waste Excavation and Removal Closure Plan Checklist (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Form C-144 Oil Conservation Division Page 3 of 5

16 Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Ste	el Tanks or Houloff Rins Only (19 15 17 13 D NMAC)	
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling facilities are required.		
Disposal Facility Name:	Disposal Facility Permit #:	
Disposal Facility Name:		
Will any of the proposed closed-loop system operations and associated activi Yes (If yes, please provide the information No		
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection Site Reclamation Site Reclam	etion I of 19.15.17.13 NMAC	MAC
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recertain siting criteria may require administrative approval from the appropriate district office or office for consideration of approval. Justifications and/or demonstrations of equivalency are required.	commendations of acceptable source material are provided below. may be considered an exception which must be submitted to the So	
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS: Data obtained to the buried waste.	ained from nearby wells	Yes No
Ground water is between 50 and 100 feet below the bottom of the buried was	te	Yes No
- NM Office of the State Engineer - iWATERS database search: USGS; Data obta	tined from nearby wells	□N/A
Ground water is more than 100 feet below the bottom of the buried waste.		Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obta	ined from nearby wells	□N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signifi (measured from the ordinary high-water mark).	cant 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 - Visual inspection (certification) of the proposed site; Aerial photo; satellite image	**	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less tha purposes, or within 1000 horizontal fee of any other fresh water well or spring, in exist - NM Office of the State Engineer - iWATERS database; Visual inspection (certifi Within incorporated municipal boundaries or within a defined municipal fresh water we pursuant to NMSA 1978, Section 3-27-3, as amended.	tence at the time of the initial application. cation) of the proposed site	∐Yes ∐No
Written confirmation or verification from the municipality: Written approval obt Within 500 feet of a wetland	ained from the municipality	∏Yes ∏No
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual insp	pection (certification) of the proposed site	
Within the area overlying a subsurface mine. - Written confirantion or verification or map from the NM EMNRD-Mining and N	Airoral Division	Yes No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & M		Yes No
Topographic map	meral resources, 0303, NW Geological Society.	
Within a 100-year floodplain. - FEMA map		Yes No
18 On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each by a check mark in the box, that the documents are attached.	of the following items must bee attached to the clo	sure plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropria	ate requirements of 19.15.17.10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate requirem	ents of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon	the appropriate requirements of 19.15.17.11 NMAC	
Construction/Design Plan of Temporary Pit (for in place burial of a dr		of 19.15.17.11 NMAC
Protocols and Procedures - based upon the appropriate requirements o		A.C.
Confirmation Sampling Plan (if applicable) - based upon the appropriate Waste Material Sampling Plan - based upon the appropriate requirements		AC
Waste Material Sampling Plan - based upon the appropriate requirement Disposal Facility Name and Permit Number (for liquids, drilling fluids)		s cannot be achieved)
Soil Cover Design - based upon the appropriate requirements of Subsc		o tamot de demorta)
Re-vegetation Plan - based upon the appropriate requirements of Subs		
Site Reclamation Plan - based upon the appropriate requirements of St	ubsection G of 19.15.17.13 NMAC	

Form C-144 Oil Conservation Division Page 4 of 5

19
Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print): Title:
Signature: Date:
e-mail address: Telephone:
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature:
Title:OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. X Closure Completion Date: July 18, 2008
22
Closure Method: Waste Excavation and Removal X On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)
If different from approved plan, please explain.
23 <u>Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:</u> Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.
Disposal Facility Name: Disposal Facility Permit Number:
Disposal Facility Name: Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Yes (If yes, please demonstrate compliance to the items below) No
Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation
Re-vegetation Application Rates and Seeding Technique
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. X Proof of Closure Notice (surface owner and division) X Proof of Deed Notice (required for on-site closure) X Plot Plan (for on-site closures and temporary pits) X Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) X Disposal Facility Name and Permit Number X Soil Backfilling and Cover Installation X Re-vegetation Application Rates and Seeding Technique X Site Reclamation (Photo Documentation) On-site Closure Location: Latitude: 36.815635 °N Longitude: 107.857434 °W NAD 1927 X 1983
25
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
f_{Λ}
Name (Print): Marie E. Jaramillo Title: Staff;Regulatory Technician Signature: Date: U / / / / / / / / / / / / / / / / / /
e-mail address: marie.e.jaramillo@conocophillips.com Telephone: 505-326-9865

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

Lease Name: GRAMBLING C 1F

API No.: 30-045-34459

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

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

General Plan:

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

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

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

The pit was closed using onsite burial.

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

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

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

Provision 4 of the closure plan requirements were not met due to rig move off date as noted on C-105 which was prior to pit rule change. Burlington will ensure compliance with this rule in the future.

- 5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

Notification is attached.

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

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

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

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

8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	ND ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	ND ug/kG
TPH	EPA SW-846 418.1	2500	18.8mg/kg
GRO/DRO	EPA SW-846 8015M	500	ND mg/Kg
Chlorides	EPA 300.1	1000/500	20 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. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

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

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

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

The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, BLM, GRAMBLING C 1F, UL-F, Sec. 14, T 30N, R 10W, API # 30-045-34459

From:

Tafoya, Crystal

Sent:

Wednesday, October 01, 2008 9:53 AM

To:

'mark_kelly@nm.blm.gov'

Subject:

Surface Owner Notification

The temporary pits for the following wells will be closed on-site. Please contact me with any questions.

Cleveland 220S Cleveland 2S Hamner 2M Grambling C 1F

Thank you,

Crystal L. Tafoya Regulatory Technician **ConocoPhillips Company** San Juan Business Unit Phone: (505) 326-9837

Email: Crystal.Tafoya@conocophillips.com

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

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005

DISTRICT II 1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

Submit to Appropriate District Office State Lease — 4 Copies Fee Lease — 3 Copies

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

☐ AMENDED REPORT

	operty Co	Number de Section 14	Township 30-N	BURLII Range 10-W	Lot Idn	BASIN DAKOTA *Property Name GRAMBLING C *Operator Name GTON RESOURCES OIL AND GAS COMPANY LP *Operator Name *Elevation 6442' **IO Surface Location Lot Idn Feet from the North/South line Feet from the East/West line County 1310' NORTH 1600' WEST SAN JUAN					1F Elevation 442' County	
UL or	lot no.	Section	Township	" Botto	m Hole	Location Feet from the	If Different From North/South line		from the	East/West	line	County

1# Dedice	ated Acres	.78		is Joint or I	nfill	¹⁴ Consolidation	Code	15 Or	ier No.			
NO 16	ALLOWA	ABLE					ON UNTIL ALL EEN APPROVED				EN CO	NSOLIDATED
LOT 8, 269, 8 201. 58, 2693.81	1600'	8 05' 38' 2622.34'	LAT: 36*48 LONG: 107 NAD 1927 LAT: 36.81	LOT 6 .9275' N. '51.4022' W.	JEA SIL	LOT 2	LOT		I hereby ce is true and belief, and a working land includ has a right to a contro a working	rify that the it complete to that this orga- that this orga- interest or un- ting the proposit to drill this tot with an extra with the uct with an extra with a lasery pooling	information the best of inization of leased mired bottom well at the order of sured a volunta	IFICATION m contained herein my knowledge and ither owns leval interest in the hole location or is location pursuant th a mineral or rry pooling agreement tofore entered by the
		T 12	L	OT 11	T	LOT 10	LOT		I hereby ce was plotted me or unde cand correct	rifty that the from field no or my supervise to the best of muras and deal of	well locat ites of act sion, and i) 7
	LO	T 13		LOT 14		LOT 15	LOT	10	Certificate	Number	5703) 0F7/5517	15703

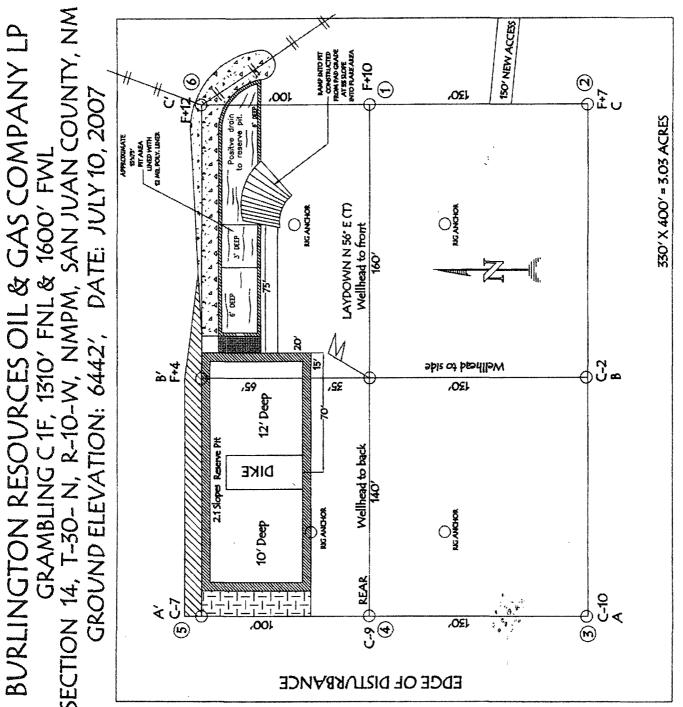
RESERVE PIT DIKE: TO BE 8' ABOVE BOTTOM OF BLOW PIT.

LONG: 107-51.4022' W NAD27

48.9275' N

. %

M



PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED

WOTE. VECTOR SHOULD CALL ONE-CALL FOR UNDERGROUND VILLINES OR PIPELINES.



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Burlington	Project #:	92115-1215
Sample ID:	5pt Comp 8' Deep	Date Reported:	03-23-10
Laboratory Number:	53438	Date Sampled:	03-22-10
Chain of Custody No:	8910	Date Received:	03-22-10
Sample Matrix:	Soil	Date Extracted:	03-22-10
Preservative:	Cool	Date Analyzed:	03-23-10
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:

Grambling C #1F

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:	Burlington	Project #:	92115-1215
Sample ID:	Background	Date Reported:	03-23-10
Laboratory Number:	53439	Date Sampled:	03-22-10
Chain of Custody No:	8910	Date Received:	03-22-10
Sample Matrix:	Soil	Date Extracted:	03-22-10
Preservative:	Cool	Date Analyzed:	03-23-10
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:

Grambling C #1F

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:	03-23-10 QA/C	C	Date Reported:		03-23-10
Laboratory Number:	53395		Date Sampled:		N/A
Sample Matrix:	Methylene Chlori	ide	Date Received:		N/A
Preservative:	N/A		Date Analyzed:		03-23-10
Condition:	N/A		Analysis Reque	sted:	TPH
The state of the s	- PCal Dale :	LCălRE	CCCALRED	% Difference:	Accept Range
Gasoline Range C5 - C10	05-07-07	8.9264E+002	8.9299E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.9471E+002	J. J	0.04%	0 - 15%
_				2.2.2	
Blank Conc (mg/L-mg/kg)		Concentration	2 10 H15 11	Detection	Ŕ
Gasoline Range C5 - C10	and the second s	ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
Duplicate Conce (mg/Kg)	/Sample	alduplicate.	%(Difference	(Accept Range]
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%	4 .
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%	
P				5000 Maria Mar	
Spike/Conc. (mg/Kg)	≟ilisample}	Spike Added≗	-Spike Results.	. WilRecovery	Accept Range
Gasoline Range C5 - C10	ND	250	257	103%	75 - 125%
Diesel Range C10 - C28	ND	250	225	90.0%	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 53395, 53425, 53427, and 53438 - 53440

Christin m Wollers
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington	Project #:	92115-1215
Sample ID:	5pt Comp 8' Deep	Date Reported:	03-23-10
Laboratory Number:	53438	Date Sampled:	03-22-10
Chain of Custody:	8910	Date Received:	03-22-10
Sample Matrix:	Soil	Date Analyzed:	03-23-10
Preservative:	Cool	Date Extracted:	03-22-10
Condition:	Intact	Analysis Requested:	BTEX

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	92.0 %
	1,4-difluorobenzene	99.3 %
	Bromochlorobenzene	95.5 %

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:

Grambling C #1F



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Burlington	Project #:	92115-1215
Sample ID:	Background	Date Reported:	03-23-10
Laboratory Number:	53439	Date Sampled:	03-22-10
Chain of Custody:	8910	Date Received:	03-22-10
Sample Matrix:	Soil	Date Analyzed:	03-23-10
Preservative:	Cool	Date Extracted:	03-22-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Ponzono	AID	0.0	
Benzene Toluene	ND ND	0.9 1.0	
Ethylbenzene	ND	1.0	
p,m-Xylene	ND	1.2	
o-Xylene	ND	0.9	
Total BTEX	ND		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94.0 %
	1,4-difluorobenzene	99.8 %
	Bromochlorobenzene	98.5 %

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:

Grambling C #1F

Analyst

Mistine of Walters Beview



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Pro	oject #:		N/A	
Sample ID:	03-23-BT QA/QC	Da	ite Reported:		03-23-10	
Laboratory Number:	53395	Da	ate Sampled:		N/A	
Sample Matrix:	Soil	Da	ite Received:		N/A	
Preservative:	N/A	Da	te Analyzed:		03-23-10	
Condition:	N/A	Analysis:			BTEX	
Calibration and	TO USE INF.	C:CALRE	2%Diff3	Blank	Delect.	
Detection tilmits (ug/L)		Accept Range	0/=15%	Conc	(Limit)	
Benzene	1.0734E+006	1.0755E+006	0.2%	ND	0.1	
				ND	0.1	
Toluene	9.9907E+005	1.0011E+006	0.2%	ND	υ.,	
	9.9907E+005 9.0120E+005	1.0011E+006 9.0301E+005	0.2% 0.2%	ND ND		
Toluene Ethylbenzene p,m-Xylene					0.1 0.1 0.1	

Duplicate/Cone:/(ug/Kg)	Sample;Du	plicate)	%0jff;==	nAccept(Range;	*Detecta Limita
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

Spike Conc. (ug/kg)	Sample CAmor	ıntişpikedi (Spil	ced(Sejinple)	%Recovery.	Accept Range
Benzene	ND	50.0	41.6	83.2%	39 - 150
Toluene	ND	50.0	47.3	94.6%	46 - 148
Ethylbenzene	ND	50.0	46.1	92.2%	32 - 160
p,m-Xylene	ND	100	94.8	94.8%	46 - 148
o-Xylene	ND	50.0	48.9	97.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References:

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

December 1996.

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

Comments:

QA/QC for Samples 53395, 53425, 53427, and 53438 - 53440

Analyst



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington	Proiect #:	92115-1215
Sample ID:	5pt Comp 8' Deep	Date Reported:	03-23-10
Laboratory Number:	53438	Date Sampled:	03-22-10
Chain of Custody No:	8910	Date Received:	03-22-10
Sample Matrix:	Soil	Date Extracted:	03-23-10
Preservative:	Cool	Date Analyzed:	03-23-10
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

18.8

10.7

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:

Grambling C #1F

Analyst

Mustine Mcles



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Burlington	Project #:	92115-1215
Sample ID:	Background	Date Reported:	03-23-10
Laboratory Number:	53439	Date Sampled:	03-22-10
Chain of Custody No:	8910	Date Received:	03-22-10
Sample Matrix:	Soil	Date Extracted:	03-23-10
Preservative:	Cool	Date Analyzed:	03-23-10
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

18.8

10.7

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:

Grambling C #1F

Wrister n Walters Review



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:

QA/QC

Project #:

N/A

Sample ID:

QA/QC

Date Reported:

03-23-10

Laboratory Number:

03-23-TPH.QA/QC 53438

Date Sampled:

N/A

Sample Matrix:

Freon-113

Date Analyzed:

03-23-10

Preservative: Condition:

N/A N/A

Date Extracted: Analysis Needed: 03-23-10

TPH

"I-Cal Date

C-Cal Date 03-23-10

J'CaliRE 1,680

C Cal RF

Calibration

03-04-10

1.670

% Difference: Accept Range, 0.6%

+/- 10%

Blank Conc. (mg/Kg)

TPH

TPH

Concentration - Detection Limit ND

10.7

Duplicate:Conc. (mg/Kg)

Sample*

Duplicate

% Difference) //Accept Range

TPH

18.8

17.4

7.4%

+/- 30%

Spike Conc. (mg/Kg).

Sample 18.8

Spike/Added Spike/Resúlt 2,000

1,680

83.2%

% Recovery - Accept Range 80 - 120%

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

QA/QC for Samples 53438 - 53440 and 53450.

Mristine of Walters Review



Chloride

Client: Sample ID: Lab ID#: Burlington 5 pt. Comp 8' Deep 53438 Project #:
Date Reported:
Date Sampled:

92115-1215 03-23-10 03-22-10

Sample Matrix: Preservative: Condition: Soil Cool Intact Date Sampled:
Date Received:
Date Analyzed:

Chain of Custody:

03-22-10

8910

Concentration (mg/Kg)

Total Chloride

Parameter

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:

Grambling C #1F

Analyst

/ Wistlin of Weeters Review



Chloride

92115-1215 Client: Project #: Burlington Sample ID: Background Date Reported: 03-23-10 Lab ID#: 53439 Date Sampled: 03-22-10 Sample Matrix: Soil Date Received: 03-22-10 Preservative: Cool Date Analyzed: 03-23-10 Condition: Intact Chain of Custody: 8910

Parameter

Concentration (mg/Kg)

Total Chloride

8

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:

Grambling C #1F

Submit To Appropri Two Copies	ate District C	Office				State of No										rm C-105
District I 1625 N. French Dr.,	Hobbs, NM	88240		Ene	ergy,	Minerals an	ıd Na	itural Re	esource	S	1. WELL	API :	NO			uly 17, 2008
District II 1301 W. Grand Ave	nue, Artesia,	NM 88210			Oi	l Conserva	tion	Divisio	n.		30-045-34		110.			
District III 1000 Rio Brazos Rd	., Aztec, NM	87410				20 South S					2. Type of L			K7	ED //D ID	
District IV 1220 S. St. Francis I						Santa Fe, l			/1.		3. State Oil		FEE Lease No.		ED/IND	IAN
				<u></u>		····					SF-078200)-A				
WELL C 4. Reason for filir		ETION	OR F	RECC	MPL	ETION RE	PO	RT AND	LOG		6 I N	ı	T '4 A	N		
											5. Lease Nam GRAMBLING	GС	Init Agreei	ment Na	me	
COMPLETIC	ON REPO	RT (Fill in	boxes #	#1 throu	gh #31	for State and Fe	e well	s only)			6. Well Num	ber:		•		
#33; attach this an	d the plat to									nd/or					, e.	
7. Type of Compl		WORKOV	ER 🔲	DEEPE	ENING	□PLUGBAC	к 🗆	DIFFERE	NT RESE	RVOIF	R 🗌 OTHER					
8. Name of Operat Burlington Resour	or								-		9. OGRID 14538					
10. Address of Op		is Company	у, LI								11. Pool name	or W	ildcat			
12.Location	Unit Ltr	Section		Towns	hip	Range	Lot		Feet fro	m the	N/S Line	Feet	from the	E/W L	ine	County
Surface:							<u> </u>									
BH:	Tubi	TDD		1.5 5	N. 10.	D.I. I	<u> </u>	1,7			1 (2)		1.0		(DD	1000
13. Date Spudded	14. Date	T.D. Reac	nea	01/10		g Released		16.	Date Co	npletec	d (Ready to Pro	duce)		'. Elevati Γ, GR, et		and RKB,
18. Total Measure	d Depth of	Well		19. P	lug Bac	ck Measured De	pth	20.	Was Dir	ectiona	il Survey Made	?	21. Type	e Electric	c and Ot	her Logs Run
22. Producing Inte	erval(s), of t	this comple	tion - T	Top, Bot	tom, Na	ame				,						
23.						ING REC	OR									
CASING SIZ	E	WEIGH	ΓLB./F	·T.		DEPTH SET		НС	LE SIZE		CEMENTIN	IG RE	CORD	AM	10UNT	PULLED
																· · · · · · · · · · · · · · · · · · ·
								<u></u>						 		,
24.					LIN	ER RECORD			 -	25	<u> </u>	TIRII	NG RECO	ORD		
SIZE	TOP		ВОТ	ТОМ		SACKS CEM	IENT	SCREE	١	SIZ			EPTH SET		PACKE	R SET
			ļ							_						
26. Perforation 1	record (inte	rval, size, a	.l .nd nun	nber)				27. AC	ID, SHO	T, FR	ACTURE, CE	MEN	IT, SOUE	EEZE, E	ETC.	
									INTERV		AMOUNT A					
28.						*****	PRO	ODUC'	ΓΙΟΝ							
Date First Product	ion	P	roducti	on Metl	nod (Flo	owing, gas lift, p	oumpin	g - Size an	d type pui	np)	Well Status	s (Proc	d. or Shut-	in)		
Date of Test	Hours To	ested	Cho	ke Size		Prod'n For Test Period		Oil - Bbl		Ga	s - MCF	w	ater - Bbl.		Gas - O	il Ratio
Flow Tubing	Casing F	Pressure	Calc	culated 2	24-	Oil - Bbl.		Gas	- MCF		Water - Bbl.	l	Oil Grav	vity - AP	l - (Cori	r.)
Press.				ır Rate								1 3 0 0				
29. Disposition of		used for fue ——	el, vent	ed, etc.)								30. 1	est Witnes	ssea By		
31. List Attachmer			n			- C-1										
32. If a temporary	-	- 1		-												
33. If an on-site bu	ırıai was us	ediat the we Latitude	•			eation of the on- ngitude 107.857			71027 N	11002						
I hereby certify	that the	informat	130.81 1011 st	10Wn 0	n both	n sides of this	forn	is true	and com	iplete	to the best o	f my	knowlea	lge and	l belief	•
Signature	aulg	ava	W		Prir	nted ne Marie E.					Regulatory T				4/26/2	
E-mail Address	s marie.	e/jaramil	lo@c	onocoj	<u>oh</u> illip	s.com										

ConocoPhillips

Pit Closure Form:
Date: 7-18-08
Well Name: <u>Grambling</u> C. IF Footages: <u>13/0' FNL, 1600' FWL</u> Unit Letter: <u>F</u>
Footages: 1310' FNL, 1600' FWL Unit Letter: F
Section: <u>/</u> / , T- <u>30</u> -N, R- <u>/0</u> -W, County: <u>S</u> State: <u>N</u> <i>M</i>
Contractor Closing Pit: A.S. Z. Contracting
Construction Inspector: Norm Trover Date: 7-18-08
Inspector Signature:

Jaramillo, Marie E

From:

Busse, Dollie L

Sent:

Monday, July 14, 2008 9:31 AM

To:

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

Cc:

A&Z; 'Faver Norman'; Chavez, Virgil E; GRP:SJBU Production Foreman; GRP:SJBU Production Leads; Kramme, Jeff L; Blair, Maxwell O; Blakley, Maclovia; Clark, Joan E; Farrell,

Juanita R; Finkler, Jane; Maxwell, Mary A (SOS Staffing Services, Inc.); McWilliams, Peggy L;

Seabolt, Elmo F

Subject:

Clean Up Notice - Grambling C 1F

Importance:

High

Attachments:

Grambling C 1F.PDF

A&Z Contracting will move a tractor to the Grambling C 1F on Thursday, July 17 to start the reclamation process. Please contact Norman Faver (320-0670) if you have any questions or need additional information.

Thanks! Dollie

Network #: 10197506 (NANN)

Operator:

Burlington Resources

Legals:

1310' FNL, 1600' FWL Section 14, T30N, R10W Unit Letter 'F' (SENW) San Juan County, NM

Lease Name:

USA SF-078200-A

API#:

30-045-34459

Surface/Minerals:

BLM/BLM



Dollie L. Busse

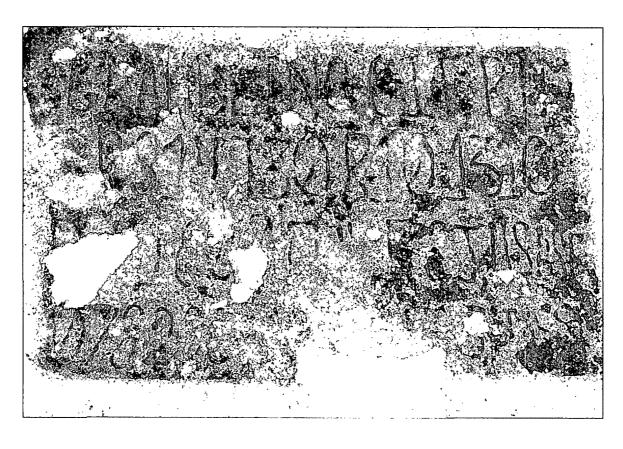
ConocoPhillips Company-SJBU

Construction Technician Project Development 505-324-6104 505-599-4062 (fax)

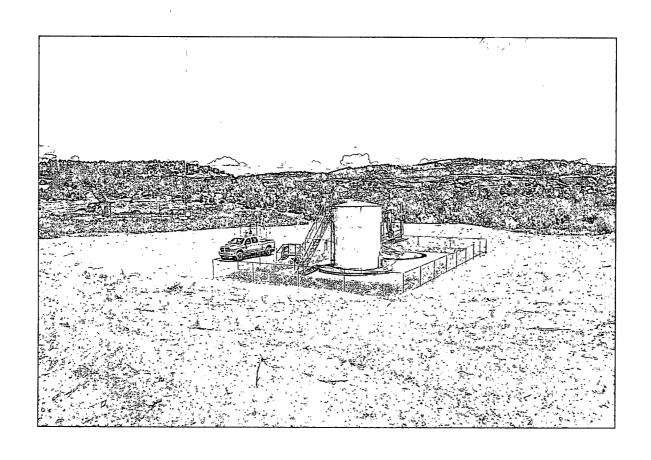
Dollie, L. Busse@conocophillips.com

ConocoPhillips

Reclamation Form:			
Date: 7-21-2668	3		
Well Name: Gramb		_	
Footages: 1310 FNL	1600 FWL	_ Unit Letter:	F
Section: 14, T-30-	N, R- <u>10</u> -W, County: <u>S</u>	State:	NM
Reclamation Contractor:	Afoz		
Reclamation Date:	7-19-2008		
Road Completion Date:	7-19-2008		
Seeding Date:	7-21-2008		
Construction Inspector:	Norman Faver	Date: 7	21.2008
Inspector Signature:	Moman J	>	









WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME:	Grambling C 1F				API 30-045-34459
		SAFETY	LOCATION	PICTURES	
DATE	INSPECTOR	CHECK	СНЕСК	TAKEN	COMMENTS
2/2/2008	2/2/2008 Eric Smith	×	×	×	There is a pile of thread protectors on location. Called MVCI
2/27/2008	2/27/2008 Eric Smith				Unable to access location due to weather
3/17/2008	3/17/2008 Eric Smith	×	×	×	Liner is torn, called MVCI to repair. Notified OCD
4/17/2008	4/17/2008 Johnny McDonald	×	×	×	Called MVCI to fix liner and fence. Called Nobles to pull blow pit. Called OCD
4/28/2008	4/28/2008 Jared Chavez	×	×	×	Barbed wire is down & fence needs tightened. Pit liner has a few holes. Called MVCI
5/14/2008	5/14/2008 Jared Chavez	×	×		Pit & location in good condition
5/30/2008	5/30/2008 Jared Chavez	×	×	×	Holes in liner, small section needs re-keyed. Called MVCI & Brandon/OCD
6/11/2008	6/11/2008 Jared Chavez	×	×	×	Pit & location in good condition
6/18/2008	6/18/2008 Jared Chavez	×	×	×	Pit & location in good condition
6/25/2008	6/25/2008 Jared Chavez	×	×	×	Pit & location in good condition
7/2/2008	7/2/2008 Jared Chavez	×	×	×	Pit & location in good condition
7/9/2008	7/9/2008 Jared Chavez	×	×	×	Pit & location in good condition
7/16/2008	7/16/2008 Jared Chavez	×	×	×	Pit & location in good condition
7/18/2008					Closed Pit