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

1301 W Grand Ave . Artesia. NM 88210

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

District III	1220 South St. Francis Dr.			
1000 Río Brazos Rd , Aztec, NM 87410	Santa Fe, NM 87505	For permanent pits and exceptions submit to the Santa Fe		
District IV	,	Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.		
1220 S St Francis Dr., Santa Fe, NM 87505	, Closed-Loop System, Below-G	rode Tonk or		
1 / \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	- · · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •		
Proposed Alternative Method Permit or Closure Plan Application				
Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method				
X	Closure of a pit, closed-loop system, below-gr	ade tank, or proposed alternative method		
	Modification to an existing permit			
_	Closure plan only submitted for an existing pe below-grade tank, or proposed alternative met	rmitted or non-permitted pit, closed-loop system, hod		
Instructions: Please submit one app	plication (Form C-144) per individual pit, clo	sed-loop system, below-grade tank or alternative		
Please be advised that approval of this re	equest does not relieve the operator of liability should operation	ons 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 applications.	able governmental authority's rules, regulations or ordinances		
Operator: Burlington Resources Oil & O	Cas Company I P	OCDID#. 14539		
Address: PO Box 4289, Farmington, N		OGRID#: 14538		
	VI 0/427			
Facility or well name: Randleman 1M				
	5-34841 OCD Permit Nu			
U/L or Qtr/Qtr: E(SW/NW) Section:	13 Township: 31N Range:	11W County: San Juan		
Center of Proposed Design: Latitude:	36.901039 °N Longitude:	107.947095 °W NAD: 1927 X 1983		
Surface Owner: Federal	State X Private Tribal Trust or Ir	ndian Allotment		
2				
Pit: Subsection F or G of 19.15 17 11 N	NMAC			
Temporary Drilling Workover		į		
Permanent Emergency Cavita	tion P&A			
Lined Unlined Liner ty	pe Thickness mil LLDPE	HDPE PVC Other		
String-Reinforced				
Liner Seams: Welded Factory	Other Volume	bbl Dimensions Lx Wx D		
3				
	of 19 15 17 11 NMAC Iling a new well Workover or Drilling (Appli	as to cotunities which assume and of a committee		
Type of Operation. P&A X Dri	notice of intent)	es to activities which require prior approval of a permit or		
X Drying Pad X Above Ground St	· · · · · · · · · · · · · · · · · · ·	200210		
X Lined Unlined Liner type		HDPE PVD Other 11819202122		
Liner Seams: X Welded X Factory		S TOTAL TO		
		2 TOEWED		
Below-grade tank: Subsection I of 19	9 15 17 11 NMAC	2 ML0		
Volume. bbl	Type of fluid	2 MMM		
Tank Construction material	Type of fluid	HDPE PVD Other PVD Other PVD OLL CONS. DIV. DIST. 3		
	DVIsible sidewalls liner 6 inch lift and	automatic overflow shut-off		
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 Liner Type Thickness mil HDPE PVC Other				
	mil HDPE PVC Other			
1 5		1		

Form C-144

Alternative Method:

Oil Conservation Division

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

Page 1 of 5



Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)				
Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate Please specify				
7				
Netting: Subsection E of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other				
Monthly inspections (If netting or screening is not physically feasible)				
Signs: Subsection C of 19.15.17 11 NMAC				
12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19.15 3 103 NMAC				
9 Administrative Approvals and Exceptions:				
Justifications and/or demonstrations of equivalency are required Please refer to 19 15 17 NMAC for guidance.				
Please check a box if one or more of the following is requested, if not leave blank:				
Administrative approval(s) Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval (Fencing/BGT Liner)				
Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval				
10 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 - 1WATERS 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.	Yes No			
(Applied to permanent pits)	NA NA			
- Visual inspection (certification) of the proposed site, Aerial photo; Satellite image 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	Yes. No			
- Written confirmation or verification from the municipality, Written approval obtained from the municipality				
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 Checklist: Subsection B of 19 15.17 9 NMAC				
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.				
Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19 15 17 9 NMAC				
Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15 17 9				
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17.10 NMAC				
Design Plan - based upon the appropriate requirements of 19 15 17 11 NMAC				
Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC				
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19.15 17 13 NMAC				
<u> </u>				
Previously Approved Design (attach copy of design) API or Permit Number				
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 Assessmen Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17 11 NMAC Dike Protection and Structural Integrity Design based upon the appropriate requirements of 19 15 17 11 NMAC Leak Detection Design - based upon the appropriate requirements of 19 15 17 11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19 15 17 11 NMAC Quality Control/Quality Assurance Construction and Installation Plar 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 Burial				
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)				
15				
Waste Excavation and Removal Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the following items must be attached to the closure plan.				
Please indicate, by a check mark in the box, that the documents are attached.				
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC				
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC				
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings				
Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17 13 NMAC				
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC				
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17 13 NMAC				
I Progression and about the abbustion radional and appropriate				

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Stee	1 Tanks or Haul-off Bins Only: (19.15 17 13.D NMAC)	dos		
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling j are required	iuias ana ariii cuitings – Use attachment ij more than two jac	umes		
Disposal Facility Name	Disposal Facility Permit #			
Disposal Facility Name	Disposal Facility Permit #			
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations? 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 appropriat Re-vegetation Plan - based upon the appropriate requirements of Subsect Site Reclamation Plan - based upon the appropriate requirements of Subsect	ion I of 19 15 17 13 NMAC			
Siting Criteria (Regarding on-site closure methods only: 19 15 17.10 NMAC Instructions: Each string criteria requires a demonstration of compliance in the closure plan Recommendations of acceptable source material are provided below Requests regarding changes to certain string 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 Justifications and/or demonstrations of equivalency are required. Please refer to 19.15 17 10 NMAC for guidance				
Ground water is less than 50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS Data obta	ned from nearby wells	Yes No		
Ground water is between 50 and 100 feet below the bottom of the buried waste	1	☐Yes ☐No		
- NM Office of the State Engineer - IWATERS database search; USGS, Data obtain	ned from nearby wells	□N/A		
Ground water is more than 100 feet below the bettern of the hund weets	·	☐Yes ☐No		
Ground water is more than 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search, USGS, Data obtained from nearby wells		□N/A		
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).		YesNo		
- Topographic map; Visual inspection (certification) of the proposed site Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application		∏Yes ∏No		
- Visual inspection (certification) of the proposed site, Aerial photo, satellite image	• • • • • • • • • • • • • • • • • • • •	☐ 1cs ☐ 140		
		Yes No		
Within 500 horizontal 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 fee 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, 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		Yes No		
 Written confirmation or verification from the municipality; Written approval obtained from the municipality 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	control (continuation) or the proposed sinc	□Yes □No		
- Written confiramtion or verification or map from the NM EMNRD-Mining and M	Ineral Division			
Within an unstable area.		Yes No		
 Engineering measures incorporated into the design, NM Bureau of Geology & Mi Topographic map 	neral Resources, USGS, NM Geological Society;			
Within a 100-year floodplain - FEMA map		Yes No		
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the check mark in the box, that the documents are attached.	f the following items must bee attached to the closure p	olan. Please indicate, by a		
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 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 drying pad) - based upon the appropriate requirements of 19.15 17 11 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 Subsection F of 19.15 17.13 NMAC				
Waste Material Sampling Plan - based upon the appropriate requirements	s of Subsection F 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 I of 19 15 17 13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC				

Form C-144 Oil Conscivation Division Page 4 of 5

Operator Application Cartification				
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 glosufe plan) Closure Plan (only) OCD Conditions (see attachment)				
OCD Representative Signature: Approval Date: Approval Date:				
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 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: 9/22/2009				
22				
Closure Method: Waste Excavation and Removal On-site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain				
23				
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions. Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.				
Disposal Facility Name. Envirotech / JFJ Landfarm % IEI Disposal Facility Permit Number: NM-01-0011 / NM-01-0010B				
Disposal Facility Name Basin Disposal Facility Disposal Facility Permit Number. NM-01-005				
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 compliane to the items below) X No (Original Approved Drying Pad was not utilized for this location)				
Required for impacted areas which will not be used for future service and operations:				
Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation				
Re-vegetation Application Rates and Seeding Technique				
24				
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in				
the box, that the documents are attached.				
Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure)				
Plot Plan (for on-site closures and temporary pits)				
Confirmation Sampling Analytical Results (if applicable)				
Waste Material Sampling Analytical Results (if applicable)				
Disposal Facility Name and Permit Number				
Soil Backfilling and Cover Installation				
Re-vegetation Application Rates and Seeding Technique				
Site Reclamation (Photo Documentation) On-site Closure Location. Latitude. Longitude NAD 1927 1983				
On-site Closure Location. Latitude. Longitude NAD 1927 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.				
Name (Print) Crystal Tafoya Title Regulatory Technician				
Signature Date 1/19/2010				
e-mail address. crystal tafoya@conocphilips com Telephone 505-326-9837				