State of New Mexico Energy Minerals and Natural Resources Form C-144 July 21, 2008

District II

1301 W Grand Ave , Artesia, NM 88210

District III
1000 Rio Brazos Rd , Aztec, NM 87410

District IV

1220 S St Francis Dr , Santa Fe, NM 87505

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

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

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

	Pit, Closed-Loop System	Below-Grade Tank or
5060	Proposed Alternative Method	

Propos	ed 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-grade tank, or proposed alternative method
	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 app	lication (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request
	us request does not relieve the operator of hability should operations result in pollution of surface water, ground water or the the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances

1	
Operator. Burlington Resources Oil & Gas Company, LP	OGRID#· <u>14538</u>
Address. PO Box 4289, Farmington, NM 87499	
Facility or well name. San Juan 28-6 Unit 85	
API Number: 30-039-06900 OCD Permit Num	ber
U/L or Qtr/Qtr: G(SW/NE) Section 25 Township. 27N Range:	6W County Rio Arriba
Center of Proposed Design: Latitude: 36.54752 °N Longitude:	107.41428 °W NAD. X 1927 1983
Surface Owner: X Federal State Private Tribal Trust or Ind	ıan Allotment
Pit: Subsection F or G of 19 15 17 11 NMAC Temporary Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type Thickness mil LLDPE String-Reinforced Liner Seams Welded Factory Other Volume	HDPE PVC Other bbl Dimensions L x W x D
notice of intent) X Drying Pad X Above Ground Steel Tanks Haul-off Bins Other	to activities which require prior approval of a permit or HDPE PVD Other Other
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 at Visible sidewalls and liner Visible sidewalls only Other Liner Type Thickness mil HDPE PVC Other	MAR 2010 MAR 2010 OIL CONS. DIV. DIST. 3
5 Alternative Method: Submittal of an exception request is required Exceptions must be submitted to the Santa Fe Environment of the Santa Fe	onmental 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 hathed wire at ton (Beginned if located within 1000 feet of a permanent revidence, whool, because institution or obvious				
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 puts and permanent open top tanks)				
Screen Netting Other				
Monthly inspections (If netting or screening is not physically feasible)				
8				
Signs: Subsection C of 19 15 17 11 NMAC 12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers				
X Signed in compliance with 19 15 3 103 NMAC				
9				
Administrative Approvals and Exceptions:				
Justifications and/or demonstrations of equivalency are required Please refer to 19 15 17 NMAC for guidance		1		
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 cons	ideration of an	proval		
(Fencing/BGT Liner)	deration of ap	piovai		
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	l			
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	i I			
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. Stting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.	i			
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.	Yes			
- NM Office of the State Engineer - 1WATERS database search, USGS, Data obtained from nearby wells				
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake	Yes	□No		
(measured from the ordinary high-water mark). - 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	□ Ves	Пио		
application.		□''0		
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	□NA	•		
- Visual inspection (certification) of the proposed site, Aerial photo, Satellite image				
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	∐No		
(Applied to permanent pits)	∐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 - 1WATERS 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	∏Yes	□No		
adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality. Written approval obtained from the municipality				
Within 500 feet of a wetland.	Yes	□No		
- US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site				
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.	∏Yes	□No		
- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological				
Society, Topographic map	□ Vaa	□ _{Nic}		
Within a 100-year floodplain - FEMA map	Yes	∐No		

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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		
Previously Approved Design (attach copy of design) API or Permit		
12		
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		
13		
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 Contribut Forward Program Plane has divising the configuration of 10 15 17 11 NIMAC		
Certified Engineering Design Plans - based upon the appropriate requirements of 19 15 17 11 NMAC Dike Protection and Structural Integrity Design based upon the appropriate requirements of 19 15 17 11 NMAC		
Leak Detection Design - based upon the appropriate requirements of 19 15 17 11 NMAC		
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19 15 17 11 NMAC		
Quality Control/Quality Assurance Construction and Installation Plan		
Operating and Maintenance Plan - based upon the appropriate requirements of 19 15 17 12 NMAC		
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19 15 17 11 NMAC		
Nuisance or Hazardous Odors, including H2S, Prevention Plan		
Emergency Response Plan		
Oil Field Waste Stream Characterization Monitoring and Inspection Plan		
Erosion Control Plan		
Closure Plan - based upon the appropriate requirements of Subsection C of 19 15 17 9 NMAC and 19 15 17 13 NMAC		
14		
Proposed Closure: 19 15 17 13 NMAC		
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.		
Type Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System		
Alternative		
Proposed Closure Method Waste Excavation and Removal Waste Removal (Closed-loop systems only)		
On-site Closure Method (only for temporary pits and closed-loop systems)		
In-place Burial On-site Trench		
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)		
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.		
Waste Excavation and Removal Closure Plan Checklist: (1915 1713 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.		
Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC		
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC		
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)		
Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC		
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC		
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC		

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16 Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Fanks or Haul-off Bins Only. (19 15 17 13 D NM	AC)	
Instructions Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more that facilities are required	n two	
·		
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 full Yes (If yes, please provide the information No	iture service and	
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 H of 19 15 17 13 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	NMAC	
17 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 Recommendations of acceptable source material are pro- certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submit office for consideration of approval—Justifications and/or demonstrations of equivalency are required—Please refer to 19 15 17 10 NMAC for guidance	tted to the Santa Fe Environmental Bureau	
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 from nearby wells	Yes No	
Ground water is between 50 and 100 feet below the bottom of the buried waste	Yes No	
- NM Office of the State Engineer - IWATERS database search, USGS, Data obtained from nearby wells		
Ground water is more than 100 feet below the bottom of the buried waste	Yes No	
- NM Office of the State Engineer - 1WATERS 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)	Yes No	
- Topographic map, Visual inspection (certification) of the proposed site		
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application - Visual inspection (certification) of the proposed site, Aerial photo, satellite image	Yes No	
	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 Widths Within 4 Identification man. To a greater man. Visual properties (certification) of the proposed site.	Yes No	
 US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine 	Yes No	
- Written confirantion 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,	Yes No	
Topographic map		
Within a 100-year floodplain - FEMA map	Yes No	
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the following items must bee attached to the by a check mark in the box, that the documents are attached.	closure plan. Please indicate,	
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 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		

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19 Outstand and Continue Continue				
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				
OCD Approval: Permit Application (including closuse plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: OCD Permit Number:				
Closure Report (required within 60 days of closure completion): Subsection K of 1915 1713 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: 2/18/2010				
22 Closure Method:				
Waste Excavation and Removal On-site Closure Method Alternative Closure Method X 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 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				
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				
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) Ethel Tally Title Staff Regulatory Technician				
Signature Zthel Tally Date 311110				
e-mail address ethel tally@conocphillips com Telephone 505/599-4027				