District I

1625 N. French Dr., Hobbs, NM 88240

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

State of New Mexico **Energy Minerals and Natural Resources**

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

Form C-144 June 16, 2008

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

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

RCVD JUL 17'08 Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application OIL CONS. DIV.

Type of action:	X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method) IST. 3
	Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
Please submit one	application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative r

Instructions: Please submit one application (Form C-144) per individual Please be advised that approval of this request does not relieve the operator of habit environment. Not does approval relieve the operator of its responsibility to comply with the complex of the complex o	ility should operations result in pollution of surface water, ground water or the
Operator: Burlington Resources Oil & Gas Company, LP Address: PO Box 4289, Farmington, NM 87499 Facility or well name: Thompson #1 API Number: 30-045-10063 OC U/L or Qtr/Qtr: N(SESW) Section: 33 Township: 31N Center of Proposed Design: Latitude: 36.851090' N L Surface Owner: X Federal State Private Trib.	OGRID#: 14538 CD Permit Number: Range: 12W County: San Juan Longitude: 108.106750' W NAD: X 1927 1983 al Trust or Indian Allotment X Closed-loop Systems: Subsection H of 19.15.17.11 NMAC
Temporary: Drilling Workover Permanent Emergency Cavitation Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Seams: Welded Factory Other Volume: bbl Dimensions: L xW xD	Drying Pad X Tanks
Below-grade tank: 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: Other: Other: Other:	Fencing: Subsection D of 19.15 17.11 NMAC Chain link, six feet in height, two strangs of barbed wire at top Four foot height, four strands of barbed wire evenly spaced between one and four feet Netting: Subsection E of 19.15.17.11 Screen Netting Other Monthly inspections Signs: Subsection C of 19.15 17.11 NMAC 12"x 24", 2" lettering, provided Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19.15.3.103 NMAC
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Form C-144 Oil Conservation	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 or the Santa Fe Environmental Bureau office for consideration of approval. (Fencing in Design Plan) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.		
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	□Yes	□No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes	□No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	□No
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - 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) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	∐NA	
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 - (WATERS 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.	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	\square_{N_0}
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division		
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	∐Yes	∐No
Within a 100-year floodplain	Yes	□No
- FEMA map		_
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 de	ocuments ar	e 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 Images Sitting 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 Maintence Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	NMAC	
Previously Approved Design (attach copy of API Number: or 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 attached.		re
Geologic and Hydrogeologic Data (required for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19 Siting Criteria Compliance Demonstrations (required for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NI 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		
X Closure Plan - 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 API Number:		

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 atta	
Instructions: Each of the following nems must be attached to the apparent in the use that the box, that the accuments are and	ached.
Hydrogeologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC	
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
Climatological Factors Assessment	
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC	
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC	
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC	
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC	
Quality Control/Quality Assurance Construction and Installation Plan	
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC	
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
Nuisance or Hazardous Odors, including H2S, Prevention Plan	
Emergency Response Plan	1
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	
Proposed Closure: 19.15.17.13 NMAC	
Type: Drilling Workover Emergency Cavitation Permanent Pit Below-grade Tank X Closed-loop System Alteri	native
December Cleans WWest Form toward December	
Proposed Closure X Waste Excavation and Removal	
On-site Closure Method (only for temporary pits and closed-loop	
In-place On-site Trench	
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau fo	or
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. Recommentations 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. Justification 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.	☐ Yes ☐ No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	□NA □
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste	□NA □Yes □No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 	□NA □ No □NA
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells Ground water is more than 100 feet below the bottom of the buried waste. 	∏NA ☐Yes ☐No ☐NA ☐Yes ☐No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 	□NA □ No □NA
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells Ground water is more than 100 feet below the bottom of the buried waste. 	∏NA ☐Yes ☐No ☐NA ☐Yes ☐No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (measured from the ordinary high-water mark). 	NA Yes No NA Yes No NA
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (measured from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site 	NA Yes No NA Yes No NA Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 	NA Yes No NA Yes No NA
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	NA Yes No NA Yes No NA Yes No Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic 	NA Yes No NA Yes No NA Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time 	NA Yes No NA Yes No NA Yes No Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of initial application. 	NA Yes No NA Yes No NA Yes No Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site 	NA Yes No NA Yes No NA Yes No Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of 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	NA Yes No NA Yes No NA Yes No Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of 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	NA Yes No NA Yes No NA Yes No Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of initial application.	NA Yes No NA Yes No NA Yes No Yes No Yes No Yes No Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (measured from the ordinary high-water mark).	NA Yes No NA Yes No NA Yes No Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of initial application.	NA Yes No NA Yes No NA Yes No Yes No Yes No Yes No Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of 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 - Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. proposed site Within the area overlying a subsurface mine.	NA Yes No NA Yes No NA Yes No Yes No Yes No Yes No Yes No
 NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of 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 Written confirmation or verification from the municipality; Written approval obtained from the municipality 	NA Yes No NA Yes No NA Yes No Yes No Yes No Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of 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 - Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. proposed site Within the area overlying a subsurface mine.	NA Yes No NA Yes No NA Yes No Yes No Yes No Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of 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 - Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. proposed site Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	NA Yes No NA Yes No NA Yes No Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of 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 - Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. proposed site Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division Within an unstable area.	NA Yes No NA Yes No NA Yes No Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database serach; USGS; Data obtained from nearby wells 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 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lal (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 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 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 feet of any other fresh water well or spring, in existence at the time of 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 - Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. proposed site Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM	NA Yes No NA Yes No NA Yes No Yes No

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 indicfate, by a check mark in the box, that the documents are attached.
X Protocols and Procedures - based upon the appropriate requirements of 19.15 17 13 NMAC
Confiramtion 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
X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC
Waste Removal Closure for Closed-loop Systems That Utilize Haul-off Bins Only: (19 15 17.13 D NMAC) Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings.
Disposal Facility Name. Envirotech, Basin Disposal Disposal Facility Permit Number. MM-01-001 & NM-01-005
On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15.17.10 NMAC
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
Construction and Design of Burial Trench (if applicable) 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
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
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). Crystal Tafoya Title. Regulatory Technician
Signature Date 7/16/2008
e-mail address <u>chystal tafoya@conocophilips.com</u> Telephone: <u>505-326-9837</u>
OCD Approval: Permit Application (including closure plan) Closure Plan (only)
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Representative Signature: Approval Date: 7-(8-08)
OCD Representative Signature: Brash Odd Approval Date: 7-18-08
OCD Representative Signature: Brade Odd Approval Date: 7-18-08 Title: ENVICES PEC. OCD Permit Number
OCD Representative Signature: Brade Odd Approval Date: 7-(8-08 Title: Environ Spec OCD Permit Number Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Completion Date:
OCD Representative Signature: Brack Old Approval Date: 7-18-08 Title: Environ Spec. OCD Permit Number Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC
OCD Representative Signature: Strack Odd Approval Date: 7-18-08 Title: Environ Spec. OCD Permit Number Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Completion Date: Closure Method:
OCD Representative Signature: Strate
Approval Date: 7-18-08 Title: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Method: Waste Excavation and Removal On-Site Closure Alternative Closure If different from approved plan, please explain Closure Report Attactment 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.
Approval Date: 7-18-08 Title: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Method: Waste Excavation and Removal On-Site Closure Alternative Closure If different from approved plan, please explain Closure Report Attactment 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
Approval Date: 7-18-08 Title: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Method: Waste Excavation and Removal On-Site Closure Alternative Closure If different from approved plan, please explain Closure Report Attactment 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.
Approval Date: 7-18-08 Title: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Method: Waste Excavation and Removal On-Site Closure Alternative Closure If different from approved plan, please explain Closure Report Attactment 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 Proof of Deed Notice (if applicable)
Approval Date: 7-18-08 Title:
Approval Date: 7-(8-08 Title: Enviro Spec. OCD Permit Number: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Method: Waste Excavation and Removal On-Site Closure Alternative Closure If different from approved plan, please explain Closure Report Attactment 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 Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number
Approval Date: 7-(8-08 Title: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Method: Closure Completion Date: Waste Excavation and Removal On-Site Closure Alternative Closure If different from approved plan, please explain Closure Report Attactment 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 Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation
Approval Date: 7-(8-08 Title: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Completion Date: Closure Method: Closure Completion Date: If different from approved plan, please explain Closure Report Attactment 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 Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Waste Material Sampling Analytical Results Waste Material Sampling Analytical Results Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique
Approval Date: 7-(8-08 Title: Enviro Spec OCD Permit Number Closure Report (required within 60 days of closure completion): Subsection K of 1915 17 13 NMAC Closure Completion Date: Closure Method: Waste Excavation and Removal On-Site Closure Alternative Closure If different from approved plan, please explain Closure Report Attactment 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 Proof of Deed Notice (if applicable) Plot Plan Confirmation Sampling Analytical Results Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)
Approval Date: 7-(8-08 Title:
OCD Representative Signature:
OCD Representative Signature: Brack British Strategy OCD Permit Number: 7-(8-08) Title: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Method:
Approval Date: 7-(8-08 Title:
OCD Representative Signature: Brack British Strategy OCD Permit Number: 7-(8-08) Title: Closure Report (required within 60 days of closure completion): Subsection K of 19 15 17 13 NMAC Closure Method:

Form C-144

NEW MEXICO

Gas Well Plat

OIL CONSERVATION COMMISSION

	Ch	Date	March 8, 1954	
oc 011 & Gas Co. Operator	Thompson Lease		ell No.	
e of Producing Formation	Mesaverde	Pool	200 -	
cres Dedicated to the We		domal Acronro		
A 4	OWNSHIP 31		NGE 12-W	
Astec III 01614				
		,		
o				
reby certify that the info	rmation given ab	ove is true an Criginal Signer A. M. WIEDER	l By	
	Position <u>n</u> Representir	ngineer ¹⁸ Astec C43 4	0 0-	
	Address	Part Bldg.	DETTO.	

Burlington Resources Oil & Gas Company, LP Closed-loop Plans

Closed-loop Design Plan

BR's closed loop system will not entail a drying pad, temporary pit, below grade tank or sump. It will include an above ground tank suitable for holding the cuttings and fluids for rig operations. The tank will be sufficient volume to maintain a safe free board between disposal of the liquids and solids from rig operations.

- 1. Fencing is not required for an above ground closed-loop system
- 2. It will be signed in compliance with 19.15.3.103 NMAC
- 3. A frac tank will be on location to store fresh water

Closed-loop Operating and Maintenance Plan

BR's closed-loop tank will be operated and maintained to contain liquids and solids in order to prevent contamination of fresh water sources, in order to protect public health and the environment. To ensure the operation is maintained the following steps will be followed:

- 1. The liquids will be vacuumed out and disposed of at the Basin Disposal facility (Permit # NM-01-005). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit # NM-01-0011) on a periodic basis to prevent over topping.
- 2. No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank. Only fluids or cutting used or generated by rig operations will be placed or stored in the tank.
- 3. The division district office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop tank. Upon the discovery of the compromised tank, repairs will be enacted immediately
- 4. All of the above operations will be inspected and a log will be signed and dated. During rig operations the inspection will be daily.

Closed-loop Closure Plan

The closed-loop tank will be closed in accordance with 19.15.17.13. This will be done by transporting cuttings and all remaining sludges to Envirotech (Permit # NM-01-0011) immediately following rig operations. All remaining liquids will be transported and disposed of in the Basin Disposal facility (Permit # NM-01-005). The tanks will be removed from the location as part of the rig move. At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible.