District 1
1625 N French Dr. Hobbs, NM 88240
District II
1301 W Grand Avenue Artesia NM 88210
District III
1000 Rio Brazos Road Aztec NM 87410
District IV
1220 S St. Francis Dr. Santa Fe. NM 87505

State of New Mexico
Fnergy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr
Santa Fe, NM 87505

For temporary pits, closed-loop systems, 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.

Ptt, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Proposed Alternative Method I	Permit of Closule Flan Application						
I ype of action Permit of a pit closed-loop system below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method							
Instructions Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request							
Please be advised that approval of this request does not refreve the operator of ha environment. Nor does approval relieve the operator of its responsibility to comp	bility should operations result in pollution of surface water, ground water or the sly with any other applicable governmental authority's rules, regulations or ordinances						
Operator Burlington Resources Oil & Gas Company, LP	OGRID # 14538						
Address PO Box 4289, Farmington NM 87499							
Facility or well name San Juan 27-4 Unit 52N							
API Number 30-039-30488 OCD Permit Number	r						
U/L or Qtr/Qtr C (NENW) Section 29 Iownship 27N	Range 4W County Rio Arriba						
Center of Proposed Design Latitude 36 54863333N Longitude 107 2	7 8116667 W NAD □1927 図 1983						
Surface Owner Federal State Private Tribal Trust or Indian A							
☑ Pit Subsection For G of 19 15 17 11 NMAC	Closed-loop System Subsection H of 19 15 17 11 NMAC						
	☐ Drying Pad ☐ Ianks ☐ Haul-off Bins ☐ Other						
Temporary ☑ Drilling ☐ Workover	Lined Unlined						
Permanent Emergency Cavitation	Liner type Thicknessmil LLDPE HDPE PVC						
☐ Unlined ☐ Unlined	Other						
Uner type Thickness 20_mil □ LLDPE □ HDPE □ PVC							
Other String-Reinforced	Seams Welded Factory Other						
Seams Welded M Factory Other	Volumebblyd ³						
VolumebblDimensions L120' x W55' x D12'	Dimensions Lengthx Width						
Below-grade tank Subsection 1 of 19 15 17 11 NMAC	Fencing Subsection D of 19 15 17 11 NMAC						
Volume	Chain link, six feet in height two strands of barbed wire at top						
Type of fluid	Four foot height four strands of barbed wire evenly spaced between one and						
Tank Construction material	four lect						
Secondary containment with leak detection	Netting Subsection E of 19 15 17 11 NMAC						
☐ Visible sidewalls. liner, 6-inch lift and automatic overflow shut-off	Screen Netting Other						
☐ Visible sidewalls and liner	Monthly inspections						
☐ Visible sidewalls only	Signs Subsection C of 19 15 17 11 NMAC						
Other	12 x24° 2' lettering providing Operator's name site location, and						
Liner type Thickness	emergency telephone numbers						
	☑ Signed in compliance with 19 15 3 103 NMAC						
Alternative Method	Administrative Approvals and Exceptions.						
Submittal of an exception request is required. Exceptions must be	Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.						
submitted to the Santa Fe Environmental Bureau office for consideration of approval	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 Frivironmental 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						

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 (Applies to temporary, emergency or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	☐ Yes ⊠ No ☐ NA					
Within 1000 feet from a permanent residence school hospital, institution or church in existence at the time of initial application (Applies to permanent pits)	☐ Yes ☐ No ☑ NA					
 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 fiesh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database search. Visual inspection (certification) of the proposed site. 	☐ Yes 🛭 No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978. Section 3-27-3 as amended - Written confirmation or verification from the municipality. Written approval obtained from the municipality.	☐ Yes ⊠ No					
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map Topographic map, Visual inspection (certification) of the proposed site						
Within the area overlying a subsurface mine - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division						
Within an unstable area - Engineering measures incorporated into the design NM Bureau of Geology & Mineral Resources, USGS NM Geological Society Topographic map	☐ Yes ☑ No					
Within a 100-year floodplain - FEMA map	☐ Yes 🖾 No					
Temporary Pits, Emergency Pits, and Below-grade Lanks Permit Application Attachment Checklist Instructions Each of the following items must be attached to the application Please indicate, by a check mark in the box, that the distanched Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19 15 17 9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19 15 17 9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15 17 10 NMAC Design Plan - based upon the appropriate requirements of 19 15 17 12 NMAC Operating and Maintenance 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 Previously Approved Design (attach copy of design) API Number or Permit Number	9 NMAC					
Closed-loop Systems Permit Application Attachment Checklist Subsection B of 19 15 17 9 NMAC	la nationale des					
Instructions Lach of the following items must be attached to the application Please indicate, by a check mark in the box, that the attached Geologic and Hydrogeologic Data (required for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of Siting Criteria Compliance Demonstrations (required for on-site closure) - based upon the appropriate requirements of 19 15 17 11 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 - 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 design) API Number	f 19 15 17 9					
	-11					

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 Thydrogeology, Report, based upon the requirements at Parent ph (1) at Subsection B at 19.15.17.9 NMAC									
Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19 I5 I7 9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 I5 I7 10 NMAC									
Climatological Factors Assessment									
Critified 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									
Proposed Closure: 19 15 17 13 NMAC									
1ype ☑ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ Permanent Pit ☐ Below-grade Tank ☐ Closed-loop System ☐	Alternative								
7) po G 21 ming C wookers C 2 ming group of the C	,								
Proposed Closure Method									
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 con	isideration)								
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 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 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	☐ Yes ☐ No								
- NM Office of the State Engineer - (WATERS database search USGS, Data obtained from nearby wells	⊠ NA ¯								
									
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	⊠ NA								
Ground water is more than 100 feet below the bottom of the buried waste	🖾 Yes 🗌 No								
- NM Office of the State Engineer - (WATERS database search USGS) Data obtained from nearby wells	□ NA □								
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse. Takebed, sinkhole or playa lake	☐ Yes 🖾 No								
(measured from the ordinary high-water mark) Topography, man. Visual prepaying (actification) of the proposed site.									
- 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.									
Well = 500 becomes 16 and a second of the se									
Within 500 horizontal feet of a private domestic fresh water well or spring that less than five households use for domestic or stock	☐ Yes ☑ No								
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.									
- 14th Office of the State Engineer - 14th LECS database 11state inspection (confictions) 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									
f f G i m selv manneten f mannete									
Within the area overlying a subsurface mine	☐ Yes ☒ No								
- 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	☐ Yes ☑ No								
Society Topographic map									
	-								
Within a 100-year floodplain	☐ Yes ☒ No								

Waste Excavation and Removal Closure Plan Checklist: (19 15 17 13 NMAC) Instructions Lach of the following items must be attached to the								
Clovure 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 1 of 19 15 17 13 NMAC								
☐ Site Reclamation Plan - based upon the appropriate requiremen	is of Subsection G of 19 15 17 13 NMA	AC						
Waste Removal Closure For Closed-loop Systems That Utilize Haul-off Bins Only (19 15 17 13 D NMAC) Instructions Please indentify the facility								
or facilities for the disposal of liquids, drilling fluids and drill cuttings								
Disposal Facility Name	Disposal Facility Permit I							
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								
Protocols and Procedures - hased upon the appropriate requiren	nents of 19 15 17 13 NMAC							
Confirmation Sampling Plan (if applicable) - based upon the applicable - based upon th								
☐ Waste Material Sampling Plan - based upon the appropriate req☐ Disposal Facility Name and Permit Number (for liquids drilling								
Soil Cover Design - based upon the appropriate requirements of		the closure standards entitled by democray						
Re-vegetation Plan - based upon the appropriate requirements of	of Subsection Lot 19 15 17 13 NMAC							
Site Reclamation Plan - based upon the appropriate requirement	ts of Subsection G of 19 15 17 13 NMA	AC						
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 behet						
V (D)	T. J.	D - 1 to - Trade consu						
Name (Print) Crystal Tafoya	Title	Regulatory Technician						
Signatura	Date	07/01/2008						
Signature Tara Jaya	Date	07/01/2008						
e-mail address crystal tafoya@conocophilips com	Telephone	(505) 326-9837						
		(0.07) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
OCD Approval Permit Application (including closure plan)	-	1 1						
	-	Approval Date: 7/2/08						
OCD Representative Signature Beauthon &	-	Approval Date: 7/2/08						
	-							
OCD Representative Signature: Branchon &	OCD Permit Number:_							
OCD Representative Signature Beauthon &	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC	<u>. </u>						
OCD Representative Signature: Beauthon Dr. Title. Enviro. Spec Closure Report (required within 60 days of closure completion).	OCD Permit Number:_	<u>. </u>						
OCD Representative Signature: Beautishon Dr. Title. ENVIO. Spec Closure Report (required within 60 days of closure completion). Closure Method:	OCD Permit Number: Subsection K of 19 15 17 13 NMAC Closure Completion	<u>. </u>						
OCD Representative Signature: Beauthon Dr. Title. Enviro. Spec Closure Report (required within 60 days of closure completion).	OCD Permit Number: Subsection K of 19 15 17 13 NMAC Closure Completion	<u>. </u>						
OCD Representative Signature: Securities Spec. Title. Enviro. Spec. Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
OCD Representative Signature: Branchon D. Title. ENVIOL Spec Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
OCD Representative Signature: Securities Securities Spec Spec Spec Source Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the mark in the box, that the documents are attached Proof of Closure Notice	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
OCD Representative Signature: Securities Securities Spec Spec Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the mark in the box, that the documents are attached Proof of Closure Notice Proof of Deed Notice (if applicable)	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
OCD Representative Signature: Securities Securities Spec Spec Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the mark in the box, that the documents are attached Proof of Closure Notice Proof of Deed Notice (if applicable) Plot Plan	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
OCD Representative Signature: Securities Securities Spec Spec Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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 Re-vegetation Application Rates and Seeding Technique	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method	n Date						
Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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 Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	OCD Permit Number:	e closure report Please indicate, by a check						
OCD Representative Signature: Securities Spec Title. Eyvin Spec Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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 Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location Latitude	OCD Permit Number:	e closure report Please indicate, by a check						
OCD Representative Signature: Securities Spec Title. Epyle Spec Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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) On-site Closure Location Latitude Operator Closure Certification:	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method following items must be attached to the	n Date						
Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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 Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location Latitude Operator Closure Certification: I hereby certify that the information and attachments submitted with the	OCD Permit Number:_ Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method following items must be attached to the Longitude Longitude	n Date						
Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Lach of the Jark 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 Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location Latitude Operator Closure Certification: I hereby certify that the information and attachments submitted with the belief. I also certify that the closure complies with all applicable closure.	OCD Permit Number: Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method following items must be attached to the Longitude Longitude are requirements and conditions specific	NAD 1927 1983 Tomplete to the best of my knowledge and ed in the approved closure plan						
Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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 Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location Latitude Operator Closure Certification: I hereby certify that the information and attachments submitted with the	OCD Permit Number: Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method following items must be attached to the Longitude Longitude are requirements and conditions specific	NAD 1927 1983 Tomplete to the best of my knowledge and ed in the approved closure plan						
Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Each of the 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 Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location Latitude Operator Closure Certification: I hereby certify that the information and attachments submitted with the belief I also certify that the closure complies with all applicable closure (Print)	OCD Permit Number: Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method following items must be attached to the Longitude Longitude Title Title	NAD 1927 1983 romplete to the best of my knowledge and ed in the approved closure plan						
Closure Report (required within 60 days of closure completion). Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan please explain Closure Report Attachment Checklist Instructions Lach of the Jark 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 Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location Latitude Operator Closure Certification: I hereby certify that the information and attachments submitted with the belief. I also certify that the closure complies with all applicable closure.	OCD Permit Number: Subsection K of 19 15 17 13 NMAC Closure Completion Alternative Closure Method following items must be attached to the Longitude Longitude Title Title	NAD 1927 1983 Tomplete to the best of my knowledge and ed in the approved closure plan						

Page 4 of 4

District I 1625 N Presch Dr., Hobbs, NM 88240 District D 1305 W. Grand Avenue, Attests, NOS 88210 Digital D 1000 Rio Rrenos Rd., Azies, NM 87410 Dattics IV 1220 H St. Practic Dr., Sente Pe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

Submit to Appropriate District Office
1220 South St. Francis D. C. W. Revised June 10, 2003
Santa Fe, NM 37505

FEB 1 4 2008

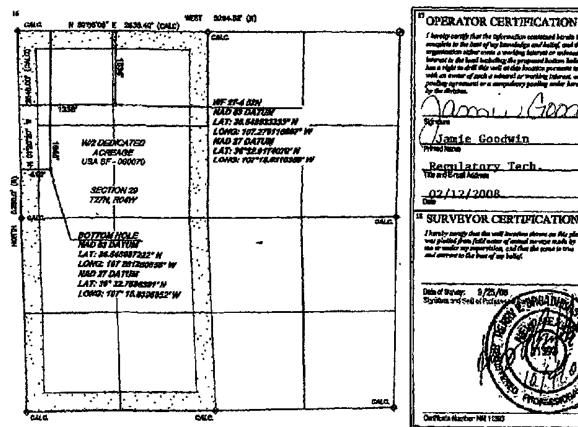
AMMENDED REPORT

Foo Lease - 3 Copies

Bureau of Land Management B DHDIGATION INSTANTICS THE R. P. CO. P. LEWIS LANDS A. CO. P. L. CO. P. L. CO. P.

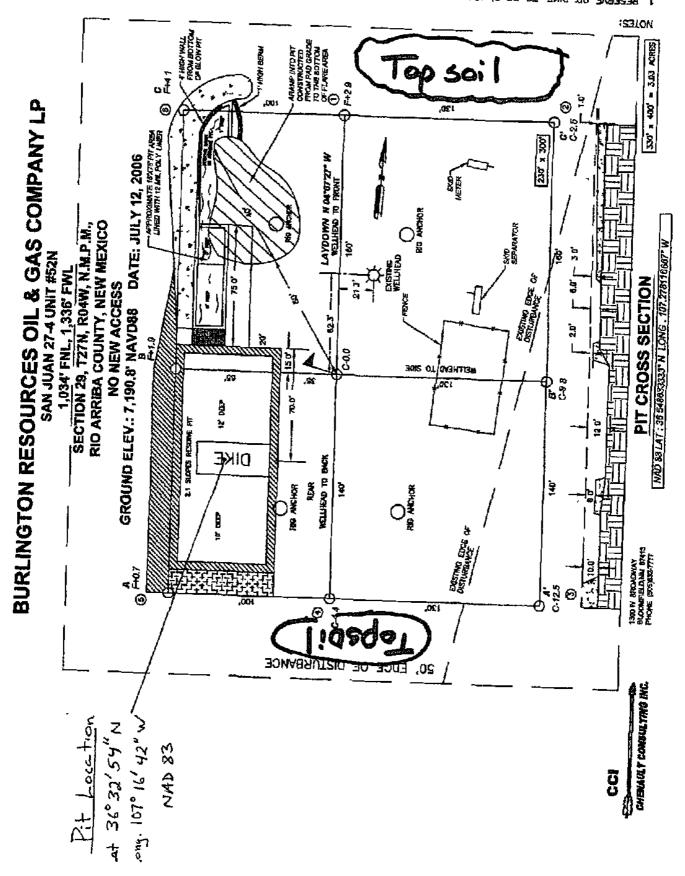
	Pl Number		7	Pord Code	Page Hause				·			
30-039-	<i>3048</i>	8	J 7359	9/7231	DAKOTA /MESA VERDE							
¹ Property Co.	So					Wall Number 52N						
7 OORIDN 14538	g.			BURLIN		Bloveriou 7,190.4"						
					10 SURFACE	LOCATION						
C C	Santion 28	Township 27-N	Range Lot Use Fort from the Martisfactch line Feat from the Best/West thre 04-W 1034 NORTH 1338 WEST						Councy RIO ARRIBA			
			it E	lottum H	ole Location	lf Different Pro	m Surface					
Corletes. E	Sortes 26	Township 27-N	Rietge G4-W		1945	NORIH	Post from the 410	Enst/West the WEST	Coosely RIO ARRIBA			
Ordiosted Acres 320.0 W/		e section	Consolidados	Code 15	Order No.			······································				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS HEEN APPROVED BY THE DIVISION



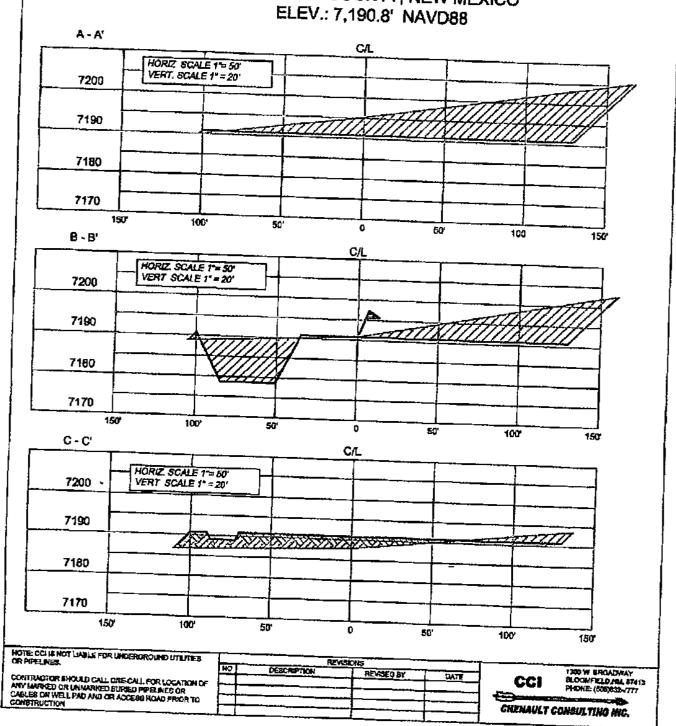
* SURVEYOR CERTIFICATION

1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERPLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).



BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 27-4 UNIT #52N 1,034' FNL, 1,336' FWL SECTION 29, T27N, R04W, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO ELEV.: 7.190.8' NAVD88



Hydrogeological report for San Juan 27-4 #52N

Regional Hydrogeological context:

The San Jose Formation of Eocene age occurs in New Mexico and Colorado, and its outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico State line and overlies the Animas Formation in the area generally north of the State line.

The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and variegated shale. Thickness of the San Jose Formation generally increases from west to east (200 feet in the west and south to almost 2,700 feet in the center of the structural basin). Ground water is associated with alluvial and fluvial sandstone aquifers. Thus, the occurrence of ground water is mainly controlled by the distribution of sandstone in the formation. The distribution of such sandstone is the result of original depositional extent plus any post-depositional modifications, namely crosion and structural deformation. Transmissivity data for San Jose Formation are minimal. Values of 40 and 120 feet squared per day were determined from two aquifer tests (Stone et al., 1983, table 5). The reported or measured discharge from 46 water wells completed in San Jose Formation ranges from 0.15 to 61 gallons per minute and the median is 5 gallons per minute. Most of the wells provide water for livestock and domestic use.

The San Jose Formation is a very suitable unit for recharge from precipitation because soils that form on the unit are sandy and highly permeable and therefore readily adsorb precipitation. However, low annual precipitation, relatively high transpiration and evaporation rates, and deep dissection of the San Jose Formation by the San Juan River and its tributaries all tend to reduce the effective recharge to the unit

Stone et al., 1983; Hydrogeology and Water Resources of the San Juan Basin, New Mexico Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p

Site specific information:

Surface hydrology: The site is located on top of Cereza Mesa drained

by a number of small intermittent drainages

1st water-bearing formation: San Jose, tertiary

Formation thickness: 700 feet

Underlying formation: Nacimiento, tertiary

Depth to groundwater: A number of nearby water wells in the valley

bottom draw water from about 30-200-foot depth

New Mexico Office of the State Engineer POD Reports and Downloads

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WATER COLUMN REPORT 07/01/2008

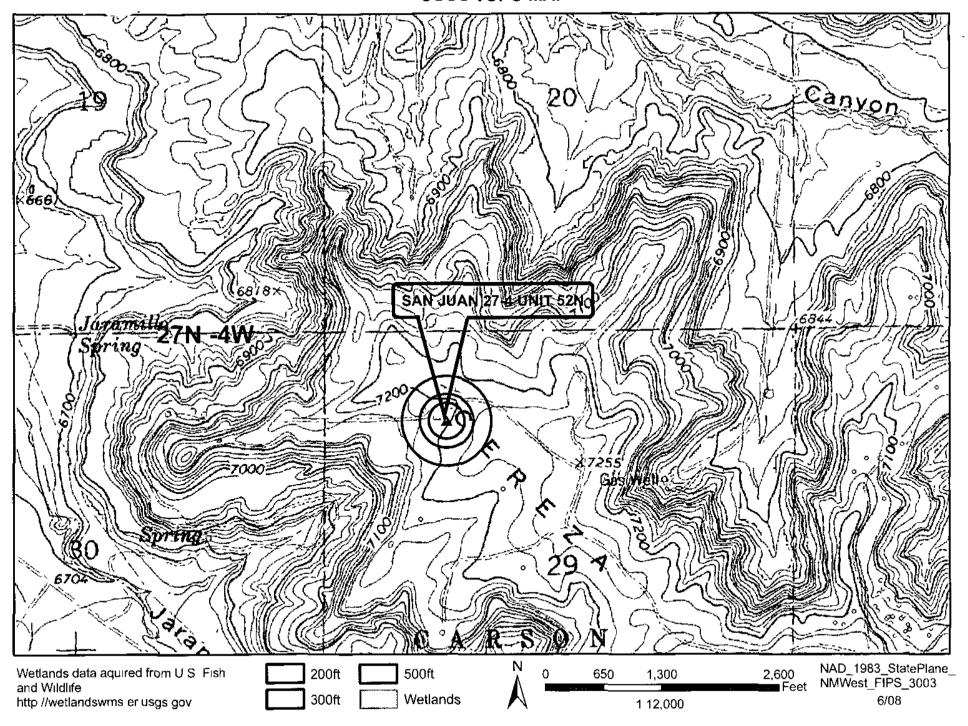
(quarters	are	1=NW	2=NE	3=\$W	4=SE)
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SJ 01049	27N	04W	18	4	2	2				15		
SJ 01205	27N	04W	34	4	4	4				3054	750	230

Record Count 3

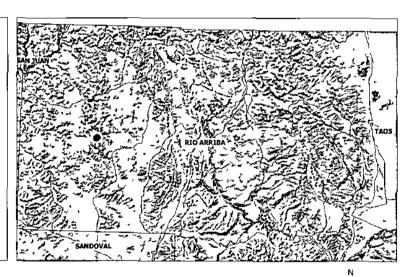
AERIAL MAP

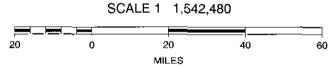
USGS TOPO MAP



SJ 27-4 Unit 52N Mines, Mills and Quarries Web Map

Mines, Mill	s & Quarries Commodity Groups
Δ	Aggregate & Stone Mines
•	Coal Mines
*	Industrial Minerals Mines
•	Industrial Minerals Mills
2	Metal Mines and Mill Concentrate
	Potash Mines & Refineries
۵	Smelters & Refinery Ops.
*	Uranium Mines
•	Uranium Mills







FEMA Map - 100 year floodplain

The FEMA Map for the San Juan 27-4 Unit 52N is unavailable due to its location being in the forest. FEMA does not provide floodplain information for Forest Service land. This well is not located near a wash or watercourse and is not in 100 year floodplain as visible on the topographic map.

Siting Criteria Compliance Demonstrations

The San Juan 27-4 Unit 52N is not located in an unstable area. The location is not over a mine and is not on the side of a hill. The location of the excavated pit material will not be located within 300' of any continuously flowing watercourse or 200' from any other watercourse.

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Burlington Resources Oil & Gas Company, LP San Juan Basin Pit Design and Construction Plan

In accordance with Rule 19 15 17 the following information describes the design and construction of temporary pits on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

General Plan

- 1 BR will design and construct a temporary pit to contain liquids and solids and prevent contamination of fresh water and protect public health and environment
- 2 Prior to constructing the pit, topsoil will be stockpiled in the construction zone for later use in restoration
- 3 BR will post a well sign, not less than 12" by 24", on the well site prior to construction of the temporary pit. The sign will list the operator on record as the operator, the location of the well site by unit letter, section, township range, and emergency telephone numbers.
- BR shall construct all new fences utilizing 48" steel mesh field-fence (hogwire) on the bottom with a single strand of barbed wire on top. T-posts shall be installed every 12 feet and corners shall be anchored utilizing a secondary T-post. Temporary pits will be fenced at all times excluding drilling or workover operations, when the front side of the fence will be temporarily removed for operational purposes.
- 5 BR shall construct the temporary pit so that the foundation and interior slopes are firm and free of rocks, debris, sharp edges or irregularities to prevent liner failure
- 6 BR shall construct the pit so that the slopes are no steeper than two horizontal feet to 1 vertical foot
- 7 Pit walls will be walked down by a crawler type tractor following construction
- 8 All temporary pits will be lined with a 20-mil, string reinforced, LLDPE liner, complying with EPA SW-846 method 9090A requirements
- 9 Geotextile will be installed beneath the liner when rocks, debris, sharp edges or irregularities cannot be avoided
- 10 All liners will be anchored in the bottom of a compacted earth-filled trench at least 18 inches deep
- 11 BR will minimize liner seams and orient them up and down, not across a slope. Factory seams will be used whenever possible. BR will ensure all field seams are welded by qualified personnel. Field seams will be overlapped four to six inches and will be oriented parallel to the line of maximum slope. BR will minimize the number of field seams in corners and irregularly shaped areas.
- 12 The liner shall be protected from any fluid force or mechanical damage through the use of mud pit slides, or a manifold system
- 13 The pit shall be protected from run-off by constructing and maintaining diversion ditches around the location or around the perimeter of the pit in some cases
- 14 The volume of the pit shall not exceed 10 acre-feet, including freeboard
- 15 Temporary blow pits will be constructed to allow gravity flow to discharge into lined drill pit
- 16 The lower half of the blow pit (nearest lined pit) will be lined with the same 20 mil liner. The upper half of the blow pit will remain unlined as allowed in Rule 19 15 17 11 F 11.
- 17 BR will not allow freestanding liquids to remain on the unlined portion of a temporary blow pit

Burlington Resources Oil & Gas Company, LP San Juan Basın Maintenance and Operating Plan

In accordance with Rule 19 15 17 the following information describes the operation and maintenance of temporary pits on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

General Plan

- 1 BR will operate and maintain a temporary pit to contain liquids and solids and prevent contamination of fresh water and protect public health and environment
- 2 BR will conserve drilling fluids by transferring liquids to pits ahead of the rigs whenever possible. All other drilling fluids will be disposed at Basin Disposal Inc., permit # NM-01-005.
- 3 BR will not discharge or store any hazardous waste in any temporary pit
- 4 If any pit liner's integrity is compromised, or if any penetration of the liner occurs above the liquid's surface, then BR shall notify the Aztec Division office by phone or email within 48 hours of the discovery and repair the damage or replace the liner
- If a leak develops below the liquid's level, BR shall remove all liquids above the damaged liner within 48 hours and repair the damage or replace the liner. BR shall notify the Aztec Division office by phone or email within 48 hours of the discovery for leaks less than 25 barrels BR shall notify the Aztec Division office as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.
- 6 The liner shall be protected from any fluid force or mechanical damage through the use of mud pit slides, or a manifold system
- 7 The pit shall be protected from run-off by constructing and maintaining diversion ditches around the location or around the perimeter of the pit in some cases
- 8 BR shall immediately remove any visible layer of oil from the surface of the temporary pit after cessation of a drilling or workover operation. Oil absorbent booms will be utilized to contain and remove oil from the pit's surface. An oil absorbent boom will stored on-site until closure of pit.
- 9 Only fluids generated during the drilling or workover process may be discharged into a temporary pit
- 10 BR will maintain the temporary pit free of miscellaneous solid waste or debris
- During drilling or workover operations, BR will inspect the temporary pit at least once daily to ensure compliance with this plan. Inspections will be logged in the IADC reports. BR will file this log with the Aztec Division office upon closure of the pit.
- 12 After drilling or workover operations, BR will inspect the temporary pit weekly so long as liquids remain in the temporary pit. A log of the inspections will be stored at BR's office electronically and will be filed with the Aztec Division office upon closure of the pit.
- 13 BR shall maintain at least two feet of freeboard for a temporary pit
- 14 BR shall remove all free liquids from a temporary pit within 30 days from the date the operator releases the drilling or workover rig
- 15 BR shall remove all free liquids from a cavitation pit within 48 hours after completing cavitation. BR may request additional time to remove liquids from the Aztec Division office if it is not feasible to remove liquids within 48 hours.

Burlington Resources Oil & Gas Company, LP San Juan Basin Closure Plan

In accordance with Rule 19.15.17.12 NMAC the following information describes the closure requirements of temporary pits on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of pit closure. Closure report will be filed on C-144 and incorporate the following:

- Details on Capping and Covering, where applicable.
- Plot Plan (Pit Diagram)
- Inspection Reports
- Sampling Results
- C-105
- Copy of Deed Notice will be filed with County Clerk

General Plan:

- 1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division—approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves.
- 2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.
- 3. The surface owner shall be notified of BR proposed closure plan using a means that provides proof of notice i.e., certified mail, return receipt requested.
- 4. Within 6 months of the Rig Off status occurring BR will ensure that temporary pits are closed, re-contoured, and reseeded.
- 5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.
- 6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.
- 7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.
- 8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

Tests Method	Limit (mg/Kg)
EPA SW-846 8021B or 8260B	0.2
EPA SW-846 8021B or 8260B	50
EPA SW-846 418.1	2500
EPA SW-846 8015M	500
EPA 300.1 (1000)/5	
	EPA SW-846 8021B or 8260B EPA SW-846 8021B or 8260B EPA SW-846 418.1 EPA SW-846 8015M

- 9 Upon completion of solidification and testing, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
- 10 Re-contouring of location will match fit, shape, line, form and texture of the surrounding Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11 Notification will be sent to OCD when the reclaimed area is seeded
- 12 BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.
- 13 The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

Tafoya, Crystal

From

Tafoya, Crystal

Sent

Tuesday, July 01, 2008 7 33 AM

To

'jreidinger@fs fed us'

Cc:

'brandon powell@state nm us'

Subject.

San Juan 27-4 Unit 52N

Good Morning John,

The requirements of the new OCD pit rule 17 requires notification to the surface owner that we are planning to close the temporary pit on-site at the subject location. Please let me know if you have any questions

Thank you,

Crystal L Tafoya Regulatory Technician ConocoPhillips Company San Juan Business Unit Phone (505) 326-9837 Email Crystal Tafoya@conocophillips.com