*, <u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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 July 21, 2003 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.
	Pit, Closed-Loop System, Below-Grad	e Tank, or
Propo	sed Alternative Method Permit or Closur	
Type of action:	X Permit of a pit, closed-loop system, below-grade t	
Type of action.	Closure of a pit, closed-loop system, below-grade	
	Modification to an existing permit	tank, of proposed atternative method
	Closure plan only submitted for an existing permit	tted or non-permitted nit closed-loop system
	below-grade tank, or proposed alternative method	
Instructions: Please submit one	application (Form C-144) per individual pit, closed-loo	op system, below-grade tank or alternative request
	of this request does not relieve the operator of liability should operations r elieve the operator of its responsibility to comply with any other applicable	
1 Operator: Buylington Deserves C	Nil & Cos Company, I.P.	OGRID#: 14538
Operator: Burlington Resources C		OGRID#: 14538
Address: PO Box 4289, Farming		THE REPORT OF A DESIGN OF
Facility or well name: SANCHEZ	There are a service of the service o	
	3004530406 OCD Permit Numbe	r:
U/L or Qtr/Qtr: I Sect		0W County: San Juan
Center of Proposed Design: Latitud		-107.86528°W NAD: X 1927 1983
Surface Owner: X Federal	State Private Tribal Trust or Indian	n Allotment
Permanent Emergency Lined Unlined I String-Reinforced	rkover Cavitation P&A Liner type: Thickness mil LLDPE Factory Other Volume:	HDPE PVC Other _ bbl Dimensions L x W x D
Type of Operation: P&A Drying Pad Above Gro Lined Unlined	notice of intent) und Steel Tanks Haul-off Bins Other	activities which require prior approval of a permit or
4 X Below-grade tank: Subsection Volume: 120 Tank Construction material:	bbl Type of fluid: Produced Water Metal letection X Visible sidewalls, liner, 6-inch lift and auto Visible sidewalls only Other	omatic overflow shut-off
5 Alternative Method: Submittal of an exception request is re	equired. Exceptions must be submitted to the Santa Fe Enviro	nmental Bureau office for consideration of approval.
Form C-144	Oil Conservation Division	Page 1 of 5

B

² , <u>Fencing</u> Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below grade tanks)		
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, ins	stitution or chu	rch)
Four foot height, four strands of barbed wire evenly spaced between one and four feet		
X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.		
	1	
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)		
X Screen Netting Other		
Monthly inspections (If netting or screening is not physically feasible)		
Signs: Subsection C of 19.15.17.11 NMAC 12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers		
X Signed in compliance with 19.15.3.103 NMAC		
		40
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:		
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for con (Fencing/BGT Liner)	sideration of a	pproval.
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		
	1	
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	XNo
 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	XNo
	Yes	X No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.		
	□ NA	
application.		
application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)	NA Yes	No
 application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 		
 application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. 	Yes	
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 application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended	Yes XNA	No
 application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Yes XNA Yes	No XNo
 application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended Written confirmation or verification from the municipality; Written approval obtained from the municipality 	Yes XNA Yes	No XNo
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 application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended Written confirmation or verification from the municipality; Written approval obtained from the municipality 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 	Yes XNA Yes Yes Yes	No No No No No No No
 application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applied to permanent pits) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site. Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended Written confirmation or verification from the municipality; Written approval obtained from the municipality Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	Yes XNA Yes Yes	No XNo XNo XNo

				t: Subsection B of 19.15.17.9 NMAC he box, that the documents are attached.
	ort (Below-grade Tanks) - based u			
	a (Temporary and Emergency Pits)		•••••••••••••••••••••••••••••••••••••••	
	pliance Demonstrations - based up			
				10 MMAC
=	I upon the appropriate requirement			
	ntenance Plan - based upon the app			
	e complete Boxes 14 through 18, i and 19.15.17.13 NMAC	if applicable) - based u	pon the appropriate req	uirements of Subsection C of
Previously Approved D	esign (attach copy of design)	API		or Permit
Instructions: Each of the foll Geologic and Hydre Siting Criteria Com Design Plan - based Operating and Main Closure Plan (Pleas NMAC and 19.15.1 Previously Approved D	ogeologic Data (only for on-site clo ppliance Demonstrations (only for o I upon the appropriate requirement ntenance Plan - based upon the app e complete Boxes 14 through 18, i	application. Please indication. Please indications on site closure) - based upon the on-site closure) - based ts of 19.15.17.11 NMA propriate requirements if applicable) - based u API	ate, by a check mark in the requirements of Parag I upon the appropriate r AC of 19.15.17.12 NMAC	te box, that the documents are attached. raph (3) of Subsection B of 19.15.17.9 equirements of 19.15.17.10 NMAC uirements of Subsection C of 19.15.17.9
_Previously Approved C	perating and Maintenance Plan	API		and the second and the second s
 Hydrogeologic Rep Siting Criteria Com Climatological Fact Certified Engineerin Dike Protection and Leak Detection Des Liner Specifications Quality Control/Qua Operating and Mair Freeboard and Over Nuisance or Hazard Emergency Respons Oil Field Waste Stration Monitoring and Insp Erosion Control Pla 	ort - based upon the requirements of pliance Demonstrations - based up ors Assessment ng Design Plans - based upon the a l Structural Integrity Design: based ign - based upon the appropriate ro and Compatibility Assessment - b ality Assurance Construction and h atenance Plan - based upon the app topping Prevention Plan - based up ous Odors, including H2S, Preven se Plan eam Characterization bection Plan	of Paragraph (I) of Sub pon the appropriate req appropriate requirement d upon the appropriate re equirements of 19.15.1 based upon the appropri Installation Plan propriate requirements of pon the appropriate requirements of tion Plan	osection B of 19.15.17.9 uirements of 19.15.17.1 tts of 19.15.17.11 NMA requirements of 19.15.1 7.11 NMAC riate requirements of 19 of 19.15.17.12 NMAC puirements of 19.15.17.	10 NMAC AC 17.11 NMAC 15.17.11 NMAC 11 NMAC
Proposed Closure: 19.15				
printers printers	e the applicable boxes, Boxes 14 thro			
ype: Drilling Wo	orkover Emergency Cavita	ation P&A P	ermanent Pit X Below	-grade Tank Closed-loop System
Alternative roposed Closure Method:	X Waste Excavation and Remova		de Tank)	
	Waste Removal (Closed-loop s On-site Closure Method (only		closed loop stateman	
			(losed-loop systems)	
	In-place Burial	On-site Trench		
and the second sec	Alternative Closure Method (E	acceptions must be subr	nitted to the Santa Fe Ei	vironmental Bureau for consideration)
			and the second se	
lease indicate, by a check n	nark in the box, that the documents a	are attached.		llowing items must be attached to the closure p
Vaste Excavation and Re lease indicate, by a check n	nark in the box, that the documents and dures - based upon the appropriate	requirements of 19.15	.17.13 NMAC	
Waste Excavation and Release indicate, by a check n Ilease indicate, by a check n X Protocols and Process X Confirmation Sample	nark in the box, that the documents and dures - based upon the appropriate ing Plan (if applicable) - based upon	are attached. requirements of 19.15 on the appropriate requ	.17.13 NMAC irements of Subsection	
Vaste Excavation and Release indicate, by a check m Ilease indicate, by a check m X Protocols and Process X Confirmation Sample X Disposal Facility Na	nark in the box, that the documents and dures - based upon the appropriate ing Plan (if applicable) - based upon me and Permit Number (for liquid	are attached. requirements of 19.15 on the appropriate requils, drilling fluids and dr	.17.13 NMAC irrements of Subsection rill cuttings)	F of 19.15.17.13 NMAC
Vaste Excavation and Re lease indicate, by a check n X Protocols and Procee X Confirmation Sampl X Disposal Facility Na X Soil Backfill and Co	nark in the box, that the documents and dures - based upon the appropriate ing Plan (if applicable) - based upon me and Permit Number (for liquid ver Design Specifications - based up	are attached. requirements of 19.15 on the appropriate requised in the appropriate requised and dr upon the appropriate re	.17.13 NMAC irements of Subsection ill cuttings) equirements of Subsecti	F of 19.15.17.13 NMAC on H of 19.15.17.13 NMAC
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16		
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Stee Instructions: Please identify the facility or facilities for the disposal of liquids, drilling		facilities
are required.		
Disposal Facility Name:		
Disposal Facility Name: Will any of the proposed closed-loop system operations and associated activities	Disposal Facility Permit #: s occur on or in areas that will not be used for future :	
Yes (If yes, please provide the information No		
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specification - based upon the appropria	te requirements of Subsection H of 19 15 17 13 NMA	С
Re-vegetation Plan - based upon the appropriate requirements of Subsec		
Site Reclamation Plan - based upon the appropriate requirements of Sub-	section G of 19.15.17.13 NMAC	
17		11-11-11-11-11-11-11-11-11-11-11-11-11-
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. R certain siting criteria may require administrative approval from the appropriate district office o for consideration of approval. Justifications and/or demonstrations of equivalency are required	or may be considered an exception which must be submitted to the	
Ground water is less than 50 feet below the bottom of the buried waste.	mesters .	Yes No
- NM Office of the State Engineer - iWATERS database search; USGS: Data obtain	ined from nearby wells	□N/A
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 obtain	ned from nearby wells	N/A
Ground water is more than 100 feet below the bottom of the buried waste.		Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtain	ned from nearby wells	N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signification (measured from the ordinary high-water mark).	ant watercourse or lakebed, sinkhole, or playa lake	Yes No
- Topographic map; Visual inspection (certification) of the proposed site		
Within 300 feet from a permanent residence, school, hospital, institution, or church in e	xistence at the time of initial application.	Yes No
- 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 purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existe - NM Office of the State Engineer - iWATERS database; Visual inspection (certifica	nce at the time of the initial application.	UYes No
Within incorporated municipal boundaries or within a defined municipal fresh water we pursuant to NMSA 1978, Section 3-27-3, as amended.		Yes No
 Written confirmation or verification from the municipality; Written approval obtain with a confirmation of verification from the municipality; 	ined from the municipality	
 Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map: Topographic map; Visual inspective 	ction (certification) of the proposed site	Yes No
Within the area overlying a subsurface mine.	the property are	
- Written confiramtion or verification or map from the NM EMNRD-Mining and Mi	ineral Division	
Within an unstable area.	a beaution of the	Yes No
 Engineering measures incorporated into the design; NM Bureau of Geology & Min Topographic map 	eral Resources: USGS; NM Geological Society;	
Within a 100-year floodplain.		Yes No
- FEMA map		Carlour way with
18 <u>On-Site Closure Plan Checklist:</u> (19.15.17.13 NMAC) Instructions: Each of by a check mark in the box, that the documents are attached.	f the following items must bee attached to the closur	e plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropriate r	requirements of 19 15 17 10 NMAC	
Proof of Surface Owner Notice - based upon the appropriate requirements		AND STREET
Construction/Design Plan of Burial Trench (if applicable) based upon the		and the second
Construction/Design Plan of Temporary Pit (for in place burial of a drying		15.17.11 NMAC
Protocols and Procedures - based upon the appropriate requirements of 19		Star In Is
Confirmation Sampling Plan (if applicable) - based upon the appropriate r	equirements of Subsection F of 19.15.17.13 NMAC	
Waste Material Sampling Plan - based upon the appropriate requirements		ALL
Disposal Facility Name and Permit Number (for liquids, drilling fluids and		not be achieved)
Soil Cover Design - based upon the appropriate requirements of Subsection Re-vegetation Plan - based upon the appropriate requirements of Subsection		

Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

۰,

Operator Application (Certification: formation 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:	Carto tala	Date:	12/22/2008
e-mail address:	crystal tatoya@conocophillips.com	Telephone:	505-326-9837
c-mail address.	ary and handlife a card a damining a card		505 726 7051
20			
	Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)
OCD Representative Si	ignature:		Approval Date:
Title:		OCD Perm	nit Number:
21			
	ed within 60 days of closure completion)		
			re activities and submitting the closure report. The closure s. Please do not complete this section of the form until an
approved closure plan has	been obtained and the closure activities have b	een completed.	
		Closure	Completion Date:
22		and the second	
Closure Method:		14 Edgeber	
Waste Excavation a		od Alternative Closure	Method Waste Removal (Closed-loop systems only)
If different from ap	pproved plan, please explain.		
23			
	g Waste Removal Closure For Closed-loop Sy		ound Steel Tanks or Haul-off Bins Only: ngs were disposed. Use attachment if more than two facilities
vere utilized.	ly the factury or factures for where the liquids	s, aruung juuas ana aruu cuun	ngs were alsposed. Use auachment if more than two facilities
Disposal Facility Name:		Disposal Facility	Permit Number:
Disposal Facility Name:		Disposal Facility	Permit Number:
	stem operations and associated activities performed	rmed on or in areas that will no	t be used for future service and opeartions?
Yes (If yes, please of	demonstrate complilane to the items below)	No	
Required for impacted a	areas which will not be used for future service a	and operations:	
	Photo Documentation)		
Soil Backfilling and			
Re-vegetation Appli	lication Rates and Seeding Technique		
Closure Percet Atta	abmont Charliet, Instructions, Each of th		
the box, that the docum		e jouowing uems musi de alla	ched to the closure report. Please indicate, by a check mark in
	Notice (surface owner and division)		
Proof of Closure N			
	tice (required for on-site closure)		
Proof of Deed Not			
Proof of Deed Not Plot Plan (for on-s	tice (required for on-site closure)		
Proof of Deed Not Plot Plan (for on-s Confirmation Same	tice (required for on-site closure) site closures and temporary pits) npling Analytical Results (if applicable)		
Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa	tice (required for on-site closure) site closures and temporary pits) npling Analytical Results (if applicable) ampling Analytical Results (if applicable)		
Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N	tice (required for on-site closure) site closures and temporary pits) npling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number		
Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an	tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation		
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Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Le	tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation plication Rates and Seeding Technique (Photo Documentation)	Longitude:	NAD [] 1927 [] 1983
Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Le	tice (required for on-site closure) site closures and temporary pits) appling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number and Cover Installation plication Rates and Seeding Technique (Photo Documentation) ocation: Latitude:	Longitude:	NAD [] 1927 [] 1983
Proof of Deed Not Plot Plan (for on-s Confirmation Sam Vaste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Le	tice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number nd Cover Installation plication Rates and Seeding Technique (Photo Documentation) ocation: Latitude: fication: prince the submitted with this classical submitted with the subm	losure report is ture, accurate a	nd complete to the best of my knowledge and belief. I also certify that
Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Le S Perator Closure Certifi thereby certify that the info te closure complies with al	tice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number nd Cover Installation plication Rates and Seeding Technique (Photo Documentation) ocation: Latitude: fication:	losure report is ture, accurate a ns specified in the approved clo	nd complete to the best of my knowledge and belief. I also certify that
Proof of Deed Not Plot Plan (for on-s Confirmation Sam Confirmation Sam Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Le	tice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number nd Cover Installation plication Rates and Seeding Technique (Photo Documentation) ocation: Latitude: fication: prince the submitted with this classical submitted with the subm	losure report is ture, accurate a	nd complete to the best of my knowledge and belief. I also certify that
Proof of Deed Not Plot Plan (for on-s Confirmation Sam Waste Material Sa Disposal Facility N Soil Backfilling an Re-vegetation App Site Reclamation (On-site Closure Le S Deperator Closure Certifi thereby certify that the info- the closure complies with al	tice (required for on-site closure) site closures and temporary pits) mpling Analytical Results (if applicable) ampling Analytical Results (if applicable) Name and Permit Number nd Cover Installation plication Rates and Seeding Technique (Photo Documentation) ocation: Latitude: fication: prince the submitted with this classical submitted with the subm	losure report is ture, accurate a ns specified in the approved clo	nd complete to the best of my knowledge and belief. I also certify that

Oil Conservation Division

Page 5 of 5

Form C-144

New Mexico Office of the State Engineer

Township: 30N	Range: 10W	Sections:		
NAD27 X:	Y:	Zone:	Search Radi	us:
County: Basin	n:	•	Number:	Suffix:
Owner Name: (First)	(Last)		O Non-Domesti	c ODomestic @ A
POD / Surface Data Repor	t Avg	Depth to Water	Report Wa	ter Column Report

WATER COLUMN REPORT 08/21/2008

	(quarter	s are	e big	gge	st	t to	smallest)		1	Depth	Depth	Water	(in	feet)
POD Number	Tws	Rng	Sec	q	g	P	Zone	x	3	2 1	Well	Water	Column		
SJ 00050	30N	10W	02	1	3	2					520	306	214		
SJ 03460	30N	100	02	1	3	2					520	500	20		
SJ 03230	30N	10W	03	1	2	1					120	70	50		
SJ 03113	30N	10W	05	4	1	4					42	30	12		
SJ 00589	30N	10W	08	1	1	1					175	150	25		
SJ 00774	30N	10W	08	1	2	1					195	160	35		
SJ 02316	30N	10W	08	1	3						210	98	112		
SJ 02102	30N	10W	08	1	3	4				•	190	90	100		
SJ 01527	30N	10W	08	2	2						120	60	60		1.2.1
SJ 01193	30N	10W	08	2	2						100	70	30		
SJ 02808	30N	10W	08	2	3	4					165	105	60		
SJ 01102	30N	10W	08	2	4						200	159	41		
SJ 02998	30N	10W	08	3	3	1	· · · · · · · · · · · · · · · ·				260	117	143		
SJ 02772	30N	10W	08	4	2	2					200	160	40		
SJ 00523	30N	100	08	4	4						160	120	40		
SJ 01362	30N	100	20	1	3	3					238	190	48		
SJ 03442	30N	10W	20	1	4	1					200				
SJ 02782	30N	100	20	1	4	4					250				
SJ 02797	30N	10W	20	2	4	1					70				
SJ 00024	30N	100	23	2	4	2					305				
SJ 00051	30N	100	23	2	4	2					305				
SJ 00197	30N	100	23	4	2						975	500	475		
SJ 00010	30N	10W	24	2							292				
SJ 01116	30N	10W	33	2	1						105	45	60		
SJ 01059	30N	10W	34	1	2	4					115	75	40		
SJ 01182	30N	10W	34	1	3	3					235	125	110		

Record Count: 26

New Mexico Office of the State Engineer

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New Mexico Office of the State Engineer POD Reports and Downloads

NAD	27 X:	Y: Zon	e: Search Rad	ius:
County:	Basin:	[Number:	Suffix:
Owner Name: ((First)	(Last)	C Non-Domest	ic C Domestic @ All
POD / Su	rface Data Report	Avg Depth t	o Water Report W	ater Column Report

WATER COLUMN REPORT 08/20/2008

							smallest	:)		Depth	Depth	Water	(in	feet)
POD Number	Tws			Q	q	g	Zone	x	Y	Well	Water	Column		
RG 36732 DCL	29N	10W	25	2						500	450	50		
SJ 00785 S	29N	10W	04		4	2				20				
SJ 00680	29N	10W	13	2	2					40	10	30		
SJ 00785 NEW	29N	10W	13	4						60	20	40		
SJ 00785 S-2	29N	10W	13	4						60	20	40		
SJ 03023	29N	100	18	_	3	-				90	65	25		
SJ 03502	29N	10W	18	1	3	1				- 150				
SJ 03081	29N	10W	18	3	1	4				20				~
SJ 02078	29N	10W	19	3	1	1				40	9	31		
SJ 00303	29N	100	19	3	3					20	5	15		
SJ 02860	29N	10W	19	4	4	4				21	2	19		
SJ 02900	29N	10W	20	3	1	2	1 3 4 5			70				
SJ 01140	29N	10W	20	3	2	2				25	6	19		
SJ 01990	29N	10W	20	4	1					40	12	28		
SJ 02548	29N	10W	20	4	4					12	2	10		
SJ 02547	29N	10W	20	4	4					12	2	10		
SJ 03535	29N	10W		3	2	3				15				
SJ 03455	29N	100	21	3	3					20	17	3		
SJ 03456	29N	10W	21	3	3	2				20	17	3		
SJ 03441	29N	100	21	4	3	3				40	30	10		
SJ 03470	29N	10W	21	4	3	4				20	7	13		
SJ 01474	29N	10W	21	4	4					25				
SJ 03180	29N	10W	21	4	4	4				50	15	35		
SJ 03713 POD1	29N	10W	22	2	3					265	20	245		
SJ 02820	29N	10W	23	4	1	1				82	16	:66		
SJ 02896	29N	10W	24	1	4	1				110	34	76		
SJ 02275	29N	10W	24	1	4	2				40	20	20		
SJ 00092	29N	10W	24	2	4	2				33				
SJ 02802	29N	10W		3	1					132	30	102		
SJ 02907	29N	10W		3		3				60				
SJ 02122	29N	100		4						60	12	48		
SJ 01019	29N		26	-	3	3				50	4	46		

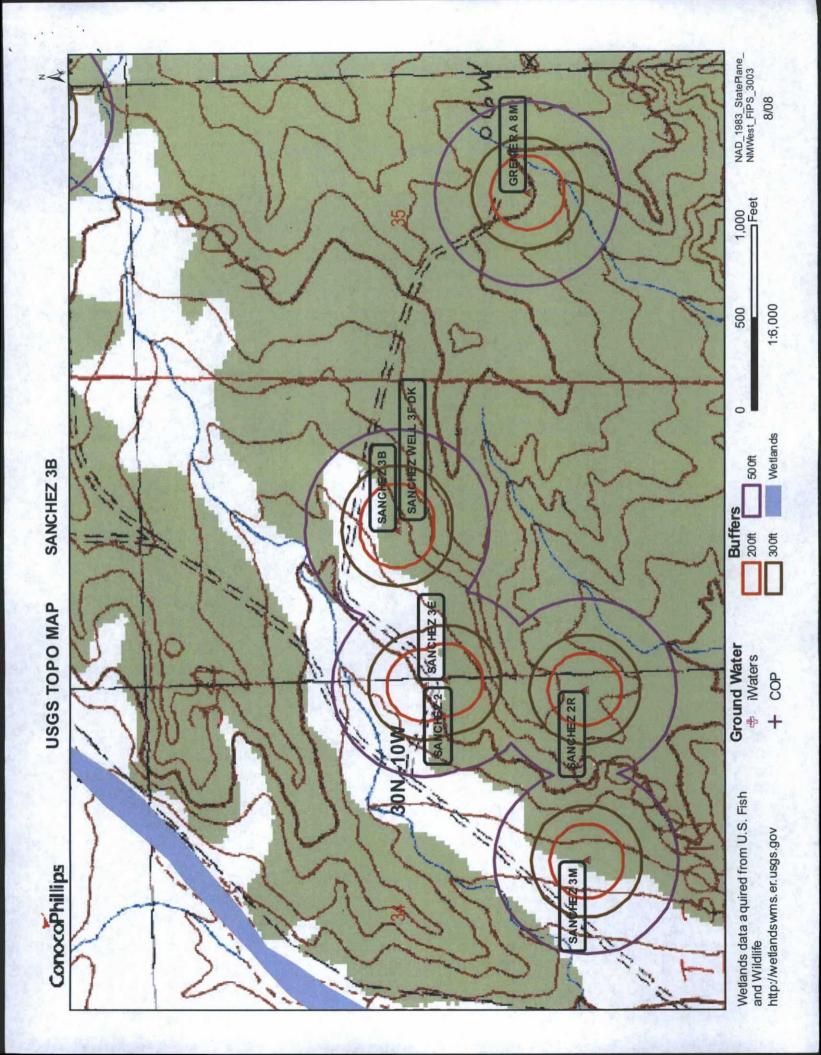
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All the second	29M	1000	28	1	2	
	29N	1000	28	1	3	3
	29N	106	28	2	1	2
	29N	10%	28	2	2	1
	29N	10760	28	2	2	2
r	29N	1040	28	2	3	1
POD2	29N	10%	28	2	3	3
1	29N	100	28	3	4	1
5	29N	100	28	4	3	
2	29N	10W	28	4	4	3
	29N	100	29	3	2	3
POD1	29N	100	29	4	4	2
3	29N	100	30	2	4	
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		30	7	23
		10	4	6
484600	2075600	37	20	17
		34	6	28
		38	22	16
		21	10	11
		28	5	23
		55	32	23
		78	55	23
		93	70	23
		85	35	50
270344	2071311	100	50	50
		58	10	48
		490	140	350
		90	30	60
		85	38	47

Record Count: 49

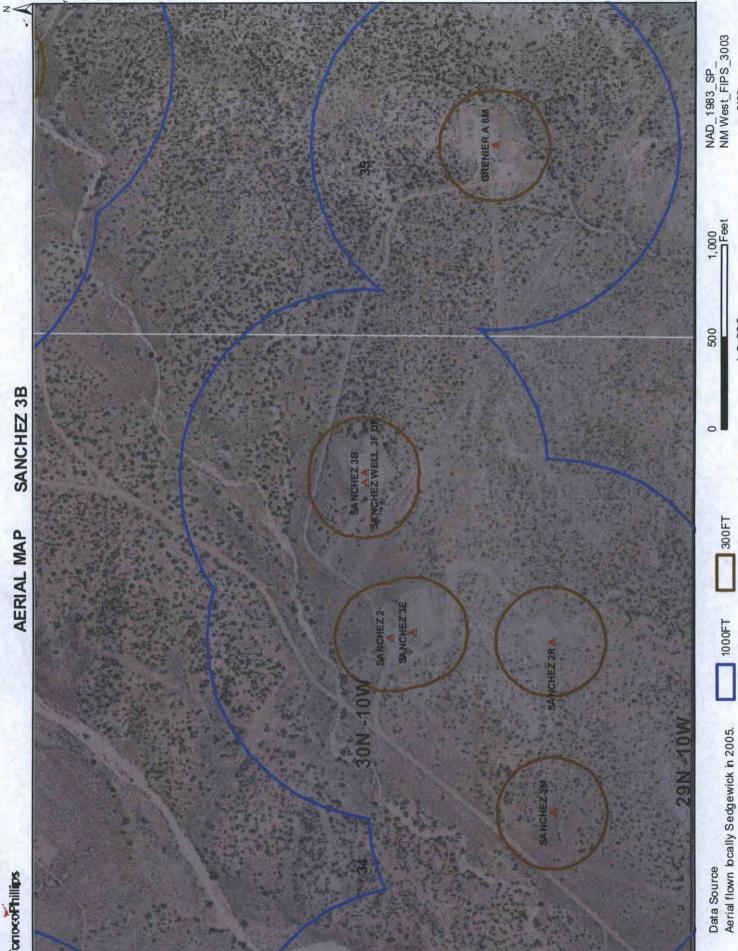
New Mexico Office of the State Engineer







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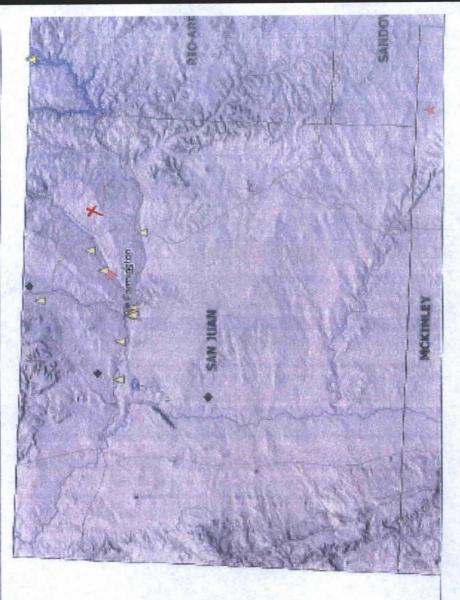


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Mines, Mills and Quarries Web Map SANCHEZ 3B Unit Letter: I, Section: 34, Town: 030N, Range: 010W

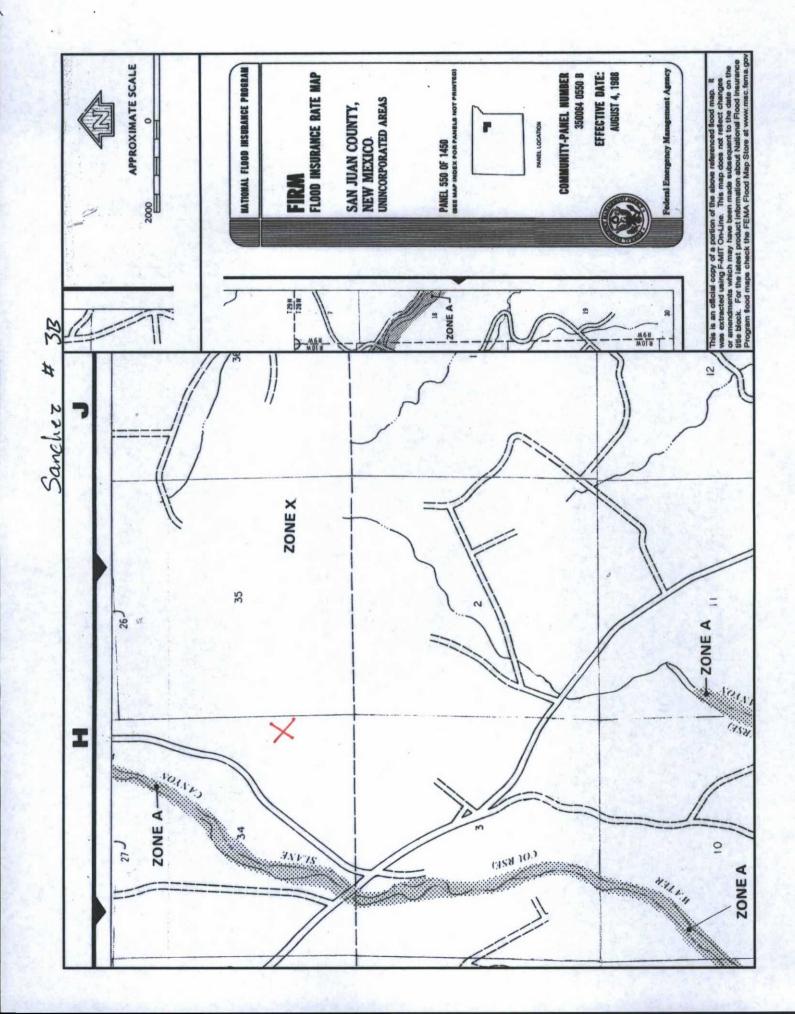
V	
	Aggregate & Stone Mines
	Coal Mines
*	Industrial Minerals Mines
	Industrial Minerals Mills
	Metal Mines and Mill Concentrate
	Potash Mines & Refineries
11	Smelters & Refinery Ops.
*	Uranium Mines
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1	Interstate Highways
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SANCHEZ 3B

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'SANCHEZ 3B', which is located at 36.76628 degree, North latitude and 107.86528 degree, West longitude. This location is located on the Turley 7.5' USGS topographic quadrangle. This location is in section 34 of Township 30 North Range 10 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in San Juan County, New Mexico. The nearest town is Blanco, located 3.6 miles to the southeast. The nearest large town (population greater than 10,000) is Farmington, located 19.0 miles to the west (National Atlas). The nearest highway is State Highway 575, located 0.7 miles to the southwest. The location is on BLM land and is 1,912 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Upper San Juan. Colorado. New Mexico, Sub-basin. This location is located 1854 meters or 6081 feet above sea level and receives 12 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Mixed Bedrock Canyon and Tableland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 223 feet. This estimation is based on the data published on the New Mexico Engineer's iWaters Database website and water depth data from ConocoPhillips' Cathodic wells. Groundwater data available from the NM State Engineer's iWaters Database for wells near the proposed site are attached. The nearest stream is 535 feet to the southeast and is classified by the USGS as an intermittent stream. The nearest perennial stream is 2,194 feet to the northwest. The nearest water body is 4,484 feet to the northwest. It is classified by the USGS as an intermittent lake and is 0.3 acres in size. The nearest spring is 10,620 feet to the east. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 3,399 feet to the northwest. The nearest wetland is a 49.5 acre Ravine located 2,150 feet to the northwest. The slope at this location is 4 degree, to the northwest as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. The surface geology at this location is NACIMIENTO FORMATION--Shale and sandstone with a Shale dominated formations of all ages substrate. The soil at this location is 'Farb-Persayo-Rock outcrop complex, moderately steep' and is excessively drained and not hydric with severe erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 13.7 miles to the north as indicated on the Mines, Mills and Quarries Map of New Mexico provided. es to

Regional Geological context:

and 0.7 miles to the southwest as now ed in the 8EM land status.

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The Nacimiento Formation is of Paleocene age (Baltz, 1967, p. 35). It crops out in a broad band inside the southern and western margins of the central basin and in a narrow band along the west face of the Nacimiento Uplift. The Nacimiento is a nonresistant unit and typically erodes to low, rounded hills or forms badland topography.

The Nacimiento Formation occurs in approximately only the southern two-thirds of the San Juan Basin where it conformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval. Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone e al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones. Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3.500 feet. he nearest underground

Hydraulic Properties:

Reported well yields for 53 wells completed in either the Animas or Nacimiento Formations range from 2 to 90 gallons per minute and the median yield is 7.5 gallons per minute. The primary use of water from Nacimiento and Animas Formations is domestic and livestock supplies. There are no known aquifer tests for the Animas or Nacimiento Formations, but specific capacities reported for six wells range from 0.24 to 2.30 gallons per minute per foot of drawdown (Levings et al., 1990).

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23 Hydrogeology and water vines and lutteral Resources;

material is highly gradiale.

The Animas and Nacimiento Formations are in many ways hydrologically similar to the San Jose Formation because sands in both units produce approximately the same quantities of water. However, the greater percentage of fine materials in the Animas and Nacimiento Formations may restrict downward vertical leakage to the Ojo Alamo Sandstone or Kirtland Shale. The poorly cemented fine material is highly erodible, forms a badland terrain, and supports only spotty vegetation. These conditions are more conductive to runoff than retention of precipitation.

References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, eastcentral San Juan Basin, New Mexico: USGS Professional Paper 552, 101 p.

Brimhall, R.M., 1973, Ground-water hydrology of Tertiary rocks of the San Juan Basin, New Mexico, in Fassett, J.E., ed., Cretaceous and Tertiary rocks of the Southern Colorado Plateau: Four Corners Geological Society Memoir, p. 197-207.

Fassett, J.E., 1974, Cretaceous and Tertiary rocks of the eastern San Juan Basin, New Mexico and Colorado, in Guidebook of Ghost Ranch, central-northern New Mexico: New Mexico Geological Society, 25th Field Conference, p. 225-230.

Fassett, J.E., and Hinds, J.S., 1971, Geology and fuel resources of the Fruitland Formation and Kirtland Shale of the San Juan Basin, New Mexico and Colorado: USGS Professional Paper 676, 76 p. Levings, G.W., Craigg, S.d., Dam, W.L., Kernodle, J.M., and Thorn, C.R., 1990, Hydrogeology of the San Jose, Nacimiento, and Animas Formations in the San Juan structural basin, New Mexico, Colorado, Arizona, and Utah: USGS Hydrologic Investigations Atlas HA-720-A, 2 sheets.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

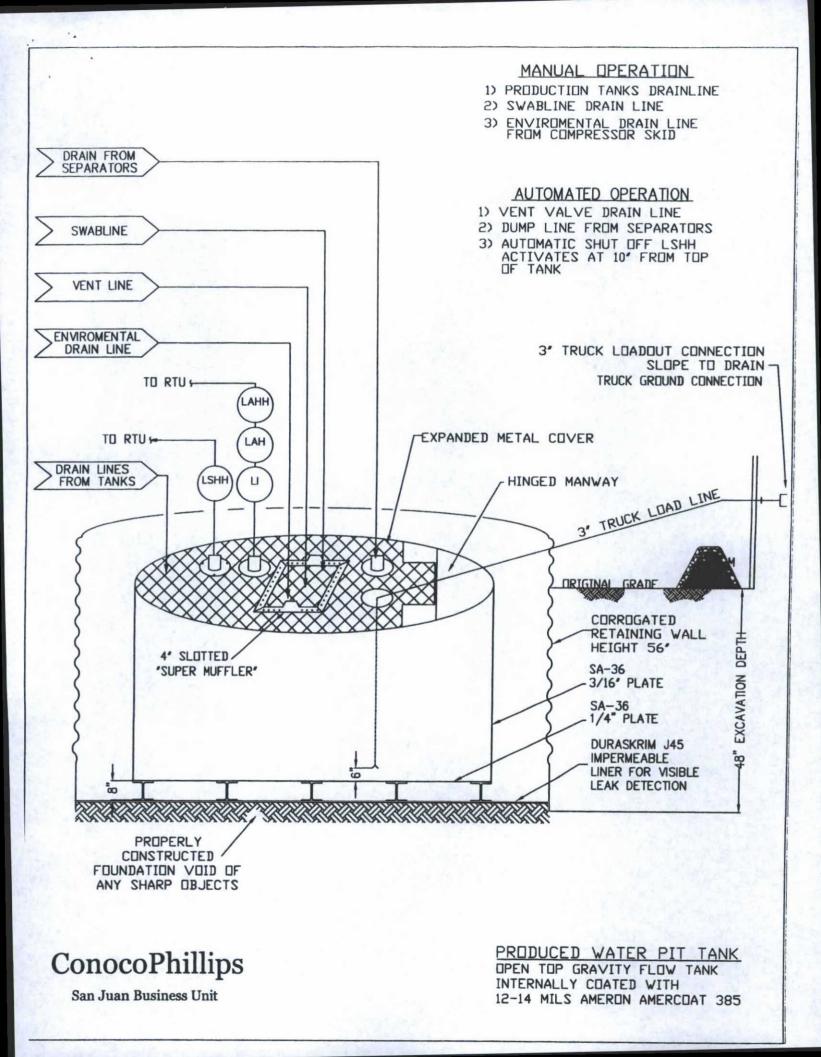
Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Design and Construction

In accordance with NMAC 19.15.17 the following information describes the design and construction of below grade tanks on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- BR will design and construct a properly sized and approved BGT which will contain liquids and should prevent contamination of fresh water to protect the public health and environment.
- BR signage will comply with 19.15.3.103 NMAC when BR is the operator. If BR is not the operator it will comply with 19.15.17.11NMAC. BR includes Emergency Contact information on all signage.
- 3. BR has approval to use alternative fencing that provides better protection. BR constructs fencing around the BGT using 4 foot hog wire fencing topped with two strands of barbed wire, or with a pipe top rail. A six foot chain link fence topped with three strands of barbed wire will be use if the well location is within 1000 feet of permanent residence, school, hospital, institution or church. BR ensures that all gates associated with the fence are closed and locked when responsible personnel are not onsite.
- 4. BR will construct a screened, expanded metal covering, on the top of the BGT.
- 5. BR shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- The BR below-grade tank system shall have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom as shown on design drawing.
- 7. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a belowgrade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. BR will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

- 9. BR has equipped the below-grade tanks with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the BR MSO for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action must be taken to address this alarm. The environmental drain line from BR's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.
- 10. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.
- 11. The general specification for design and construction are attached in the BR document.



DURA-SKRIM®

PROPERTIES	TEST METHOD	J30BB		J36BB		J4588	
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages
Appearance		Black/Black		Black/Black		Black/Black	
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil	40 mil	45 mil
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs (21.74)	168 lbs (24.19)	189 lbs (27.21)	210 lbs (30.24)
Construction		**Extrusion laminated with encapsulated tri-directional scrim reinforcement					
Ply Adhesion	ASTM D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs
1* Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 105 lbf DD
1" Tensile Elongation @ Break. % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD
Grab Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD 191 lbf DD
* Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5	<1	<0.5
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf	83 lbf	80 lbf	99 lbf
Maximum Use Temperature		180° F	180° F	180° F	180° F	180° F	180° F
Minimum Use Temperature		-70° F	-70° F	-70° F	-70° F	-70° F	-70° F

MD = Machine Direction

DD = Diagonal Directions



Note: Minimum Roll Averages are set to take into account product variability in addition to testing variability between laboratories.

*Dimensional Stability Maximum Value

**DURA-SKRIM J30BB, J36BB & J45BB are a four layer reinforced laminate containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. DURA-SKRIM J30BB, J36BB & J45BB are reinforced with a 1300 denier (minimum) tri-directional scrim reinforcement.

Note: RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.



PLANT LOCATION

Sioux Falls, South Dakota

SALES OFFICE

J30, J36 & J45

P.O. Box 5107 Sioux Falls, SD 57117-5107 (605) 335-0174 (605) 331-0333 FAX 800-635-3456

RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

Raven Industries Inc. warrants Dura-Skrim J30BB, J36BB, and J45BB to be free from manufacturing defects and to be able to withstand normal exposure to sunlight for a period of 20 years from the date of sale for normal use in approved applications in the U.S and Canada, excluding Hawaii. This warranty is effective for products sold and shipped from January 1, 2008 to December 31, 2008. These dates will be updated prior to December 31, 2008.

This Limited Warranty does not include damages or defects in the Raven geomembrane resulting from acts of God, casualty or catastrophe including but not limited to: earthquakes, floods, piercing hail, or tornadoes. The term "normal use" as used herein does not include, among other things improper handling during transportation, unloading, storage or installation, the exposure of Raven geomembranes to harmful chemicals, atypical atmospheric conditions, abuse of Raven geomembranes by machinery, equipment or people; improper site preparation or covering materials, excessive pressures or stresses from any source or improper application or installation. Raven geomembrane material warranty is intended for commercial use only and is not in effect for the consumer as defined in the Magnuson Moss Warranty or any similar federal, state, or local statues. The parties expressly agree that the sale hereunder is for commercial or industrial use only.

Should defects or premature loss of use within the scope of the above Limited Warranty occur, Raven Industries Inc. will, at its option, repair or replace the Raven geomembrane on a pro-rata basis at the then current price in such manner as to charge the Purchaser/User only for that portion of the warranted life which has elapsed since purchase of the material. Raven Industries Inc. will have the right to inspect and determine the cause of any alleged defect in the Raven geomembrane and to take appropriate steps to repair or replace the Raven geomembrane if a defect exists which is covered under this warranty. This Limited Warranty extends only to Raven's geomembrane, and does not extend to the installation service of third parties nor does it extend to materials furnished or installed by others in connection with the intended use of the Raven geomembranes.

Any claim for any alleged breach of this warranty must be made in writing, by certified mail, to the General Manager of Engineered Films Division of Raven Industries Inc. within ten (10) days of becoming aware of the alleged defect. Should the required notice not be given, the defect and all warranties are waived by the Purchaser, and Purchaser shall not have any rights under this warranty. Raven Industries Inc. shall not be obligated to perform repairs or replacements under this warranty unless and until the area to be repaired or replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is determined that there is no claim under this Limited Warranty, Purchaser shall reimburse Raven Industries Inc. for its costs associated with the site inspection.

In the event the exclusive remedy provided herein fails in its essential purpose, and in that event only, the Purchaser shall be entitled to a return of the purchase price for so much of the material as Raven Industries Inc. determines to have violated the warranty provided herein. Raven Industries Inc. shall not be liable for direct, indirect, special, consequential or incidental damages resulting from a breach of this warranty including, but not limited to, damages for loss of production, lost profits, personal injury or property damage. Raven Industries Inc. shall not be obligated to reimburse Purchaser for any repairs, replacement, modifications or alterations made by Purchaser unless Raven Industries Inc. specifically authorized, in writing, said repairs, replacements, modifications or alteration in advance of them having been made. Raven Industry's liability under this warranty shall in no event exceed the replacement cost of the material sold to the Purchaser for the particular installation in which it failed.

Raven Industries Inc. neither assumes nor authorizes any person other than the undersigned of Raven Industries Inc. to assume for it any other or additional liability in connection with the Raven geomembrane made on the basis of the Limited Warranty. The Limited Warranty on the Raven geomembrane herein is given in lieu of all other possible material warranties, either expressed or implied, and by accepting delivery of the material; Purchaser waives all other possible warranties, except those specifically given. This Limited Warranty may only be modified by written document mutually executed by Owner and Raven Industries Inc.

Limited Warranty is extended to the purchaser/owner and is non-transferable and non-assignable; i.e., there are no third-party beneficiaries to this warranty.

Purchaser acknowledges by acceptance that the Limited Warranty given herein is accepted in preference to any and other possible materials warranties.

THIS LIMITED WARRANTY SHALL BE GOVERNED BY SOUTH DAKOTA LAW AND VENUE FOR ALL LEGAL PROCEEDINGS IN CONNECTION WITH THIS LIMITED WARRANTY SHALL BE IN MINNEHAHA COUNTY, SOUTH DAKOTA. RAVEN INDUSTRIES INC. MAKES NO WARRANTY OF ANY KIND OTHER THAN THAT GIVEN ABOVE AND HEREBY DISCLAIMS ALL WARRANTIES, BOTH EXPRESSED OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS IS THE ONLY WARRANTY THAT APPLIES TO THE MATERIALS REFERRED TO HEREIN AND RAVEN INDUSTRIES INC. DISCLAIMS ANY LIABILITY FOR ANY WARRANTIES GIVEN BY ANY OTHER PERSON OR ENTITY, EITHER WRITTEN OR ORAL.

RAVEN INDUSTRIES' WARRANTY BECOMES AN OBLIGATION OF RAVEN INDUSTRIES INC. TO PERFORM UNDER THE WARRANTY ONLY UPON RECEIPT OF FINAL PAYMENT AND EXECUTION BY A DULY AUTHORIZED OFFICER OF RAVEN INDUSTRIES INC.

Burlington Resources Oil & Gas Company, LP San Juan Basin Below Grade Tank Maintenance and Operating Plan

In accordance with Rule 19.15.17 the following information describes the operation and maintenance of Below Grade Tank (BGT) on Burlington Resources Oil & Gas Company, LP (BR) locations. This is BR's standard procedure for all BGT. A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- BR will operate and maintain a BGT to contain liquids and solids and maintain the integrity of the liner, liner system and secondary containment system to prevent contamination of fresh water and protect public health and environment. BR will accomplish this by performing an inspection on a monthly basis, installing cathodic protection, and automatic overflow shutoff devices as seen on the design plan.
- 2. BR will not discharge into or store any hazardous waste in the BGT.
- 3. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a belowgrade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 4. As per 19.17.15.12 Subsection D, Paragraph 3, BR will inspect the below-grade tank at least monthly reviewing several items which include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. In addition, BR's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, BR shall remove any visible or measurable layer of oil from the fluid surface of a below-grade tank in an effort to prevent significant accumulation of oil overtime. The written record of the monthly inspections will include the items listed above and will be maintained for five years.
- 5. BR shall require and maintain a 10" adequate freeboard to prevent overtopping of the below-grade tank.
- 6. If the below grade tank develops a leak, or if any penetration of the pit liner or below grade tank, occurs below the liquid's surface, then BR shall remove all liquid above the damage or leak line within 48 hours. BR shall notify the appropriate district office. BR shall repair or replace the pit liner or below grade tank, within 48 hours of discovery. If the below grade tank or pit liner does not demonstrate integrity, BR shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. BR shall notify the appropriate district office of a discovery of leaks less than 25 barrels 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.

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

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of Below Grade Tanks (BGTs) on Burlington Resources Oil & Gas Company, LP locations hereinafter known as BR locations. This is BR's standard procedure for all BGTs. A separate plan will be submitted for any BGT which does not conform to this plan.

General Requirements:

- BR shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) permitted below-grade tanks within 60 days of cessation of the below-grade tank's operation., or c) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file the C144 Closure Report as required.
- 2. BR shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.
- 3. BR will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. Documentation of how the below-grade tank was disposed of or recycled will be provided in the closure report.
- If there is any on-site equipment associated with a below-grade tank, then BR shall remove the equipment, unless the equipment is required for some other purpose.
- 5. BR shall test the soils beneath the below-grade tank to determine whether a release has occurred. BR shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. BR shall notify the division of its results on form C-141.
- If BR or the division determines that a release has occurred, then BR shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then BR shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week 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.
- The surface owner shall be notified of BR's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 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. 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 stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private 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. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. BR will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. 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.
- 13. 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 the below-grade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation
 - Re-vegetation application rates and seeding techniques
 - Photo documentation of the site reclamation
 - Confirmation Sampling Results
 - Proof of closure notice

OCD Aztec District III Conoco Phillips/Burlington Checklist Below Grade Tank Registration

19.15.17.9 Permit application

Signed C-144 (Page 5 of C-144)

Site Specific Hydrogeology

19.15.17.10 Siting requirements

New Mexico Office of State Engineer attachment

USGS TOPO map

🖌 Aerial Map

Mines, Mills and Quarries Web Map

FIRM map (flood insurance rate map from Federal Emergency Management Agency)

19.15.17.11 Design Plan Contents

Below Grade Tank Design and Construction Plan.

19.15.17.12 Operating and Maintenance Plan

Below Grade Tank Operating and Maintenance Plan

19.15.17.13 Closure Plan

Below Grade Tank Closure Plan

Requirements:

Registration Date: 2/15/2016