1301 W. Grand Ave., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 G. St. Facci, Dr. Cart, Fac NM 87406	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, 2008 For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office. For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.
1220 S. St. Francis Dr., Santa Fe, NM 87505	Pit, Closed-Loop System, Below-Grad	
Propo	sed Alternative Method Permit or Closur	
Type of action:	X Permit of a pit, closed-loop system, below-grade t	
	Closure of a pit, closed-loop system, below-grade	tank, or proposed alternative method
	Modification to an existing permit	and some some inside it should have support
	Closure plan only submitted for an existing permit below-grade tank, or proposed alternative method	
Instructions: Please submit one	application (Form C-144) per individual pit, closed-loo	
Please be advised that approval	of this request does not relieve the operator of liability should operations re- lieve the operator of its responsibility to comply with any other applicable	esult in pollution of surface water, ground water or the
	ноте не орегают от на гезроваютну ю сопруу жил алу одек артискоте	
Operator: ConocoPhillips Compar		OGRID#: 217817
Address: PO Box 4289, Farmingt		
Facility or well name: STATE CO	M S 15	
API Number:	3004560084 OCD Permit Number	r
U/L or Qtr/Qtr: H Sect	ion: 36 Township: 32N Range: 1	2W County: San Juan
Center of Proposed Design: Latitud	de: <u>36.94455°N</u> Longitude:	-108.04059°W NAD: X 1927 1983
Surface Owner: Federal	X State Private Tribal Trust or Indian	n Allotment
	rkover Cavitation P&A	
String-Reinforced	iner type: Thickness mil [] LLDPE [] 1 Factory [] Other Volume:	HDPE PVC Other
String-Reinforced Liner Seams: Welded B Closed-loop System: Subsect Type of Operation: P&A Drying Pad Above Grout Lined	Sactory Other Volume:	
String-Reinforced Liner Seams: Welded F Closed-loop System: Subsec Type of Operation: P&A Drying Pad Above Grou Lined Unlined Line Liner Seams: Welded F	Factory Other Volume: Stion H of 19.15.17.11 NMAC Workover or Drilling (Applies to notice of intent) und Steel Tanks Haul-off Bins Other er type: Thickness mil LLDPE Factory Other	bbl Dimensions Lx Wx D activities which require prior approval of a permit or DPEPVDOther

Program Subsection D of 19.15 17.11 NMAC (Applees in permanent pit, rengenues pits, and before grade tanks) Induit his, six hert in height, two strands of barbed wire at top (Required if first and within 1000 feet of a permanent residence, sclowel, heopstal, austinuum or church) Induit lost height, from strands of barbed wire at top (Required if first and within 1000 feet of a permanent residence, sclowel, heopstal, austinuum or church) Induition Peace specify <u>A log wire fencing topped with two strands harbed wire</u> . Preting: Subsection E of 19.15.17.11 NMAC (Applees to permanent pits and permanent open tops tanks) Signer: Subsection C of 19.15.17.11 NMAC In 2 ^o X AP, 2 ^o bettering, providing Operator's name, site location, and emergency telephone numbers Signer in compliance with 19.15.3.103 NMAC Administrative Approvality: Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Press check ab x0 if one or more of the following is requested. (Find the source for consideration of approval. Of Sting Criteria (regarding permitting): 19.15.17.10 NMAC Starteria (regarding permitting): 19.15.17.10 NMAC Stare check ab x0 if one or more grade fullex bases actin
bisus lade height, laar stranks of barbod wire evenly spaced hetween one and low reet bisus of het height, laar stranks of barbod wire evenly spaced hetween one and low reet bisus spaced in the provide stranks of het
Nerrate: Please specify 4 heap wire feecing topped with two strands barbed wire. Image: Subsection E of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top ton state) Image: Steres Nation: Steres: Subsection C of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top ton state) Steres: Steres: Subsection C of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top tots all's feasible) Steres: Steres: Subsection C of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top tots all's feasible) Steres: Steres: Subsection C of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top tots all's feasible) Steres: Steres: Steres: Automistrative approvaling Operator's name, site location, and emergency telephone numbers: Steres: Steres: Automistrative approvaling: Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Checking/BGT Line; Image: Steres: <
* Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Second: Notting: Other * Monthly inspections (If netling or is recenting is and permanent pits and permanent open top tanks) Signed in compliance with 19.15.7.11 NMAC * Signed in compliance with 19.15.7.11 NMAC * * * * * * * * * * * * * * * * * * *
Screen Netling Other Multity inspections (If netung or verening is non physically feasible) Signed: Subsection C of 1915.17.11 NMAC [] 2* X.3*.2* (1 eleting, providing Operator's name, site location, and emergency telephone numbers. Signed: Incompliance with 10.15.3.103 NMAC Animistrative Approvals and Excerptions. Budditations and of demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a basi if one or more of the following is requested. if not leave blank: Animistrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Cherein/BGT Liner) Image: Cherein (Creation Creating Permitting): 19.15.17.10 NMAC Single Criteria (regarding permitting): 19.15.17.10 NMAC Single Criteria are provide block. Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Single Criteria (regarding permitting): 19.15.17.10 NMAC Image: Criteria approval (10, Criteria (10, Criteria (10, Criteri
Screen Netling Other Multity inspections (If netung or verening is non physically feasible) Signed: Subsection C of 1915.17.11 NMAC [] 2* X.3*.2* (1 eleting, providing Operator's name, site location, and emergency telephone numbers. Signed: Incompliance with 10.15.3.103 NMAC Animistrative Approvals and Excerptions. Budditations and of demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a basi if one or more of the following is requested. if not leave blank: Animistrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Cherein/BGT Liner) Image: Cherein (Creation Creating Permitting): 19.15.17.10 NMAC Single Criteria (regarding permitting): 19.15.17.10 NMAC Single Criteria are provide block. Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Single Criteria (regarding permitting): 19.15.17.10 NMAC Image: Criteria approval (10, Criteria (10, Criteria (10, Criteri
Monthly inspections (II netung or screening is and physically feasible) Monthly inspections (II netung or screening is and physically feasible) Biggs: Subsection C of 1915.17.11 NMAC D'2 X.247.2° lettering, providing Operator's name, site location, and emergency telephone numbers Signs: Subsection C of 1915.17.11 NMAC D'2 X.247.2° lettering, providing Operator's name, site location, and emergency telephone numbers Moninistrative Approvals and Exceptions: Autimistrative Approvals of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a bax if one or more of the following is requested. (If not leave blank: Monthistrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Please check a bax if one or more of the following is requests during criteria below in the application. Recommendations of acceptable are compliance for ero east stimg criteria below in the application. Recommendations of acceptable approval. Appliced must admonstrate compliance for ero east stimg criteria below in the application. Recommendations of acceptable Summer and 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.
Signs: Subsection C of 19.15.17.11 NMAC [] 12" X, 24", 2" leftering, providing Operator's name, site location, and emergency telephone numbers Signed in compliance with 19.15.3.103 NMAC Administrative Approvals and Exceptions: Justifications: and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Press check a bax if one or more of the following is requested, if not leave blank: Statifications: and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Press check a bax if one or more of the following is requested, if not leave blank: Statifications: and/or demonstrative approvalls: Requests must be submitted to the appropriate division district of the Sama Fe Environmental Bureau office for consideration of approval. Of Mutricitons: The applicant must demonstrate compliance for each siting criteria helpow in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the apportant division must be submitted to the Sama Fe Environmental Bureau Office for consideration of approval. O Stiffice or may be considered an exception which must be submitted to the Sama Fe Environmental Bureau Office for consideration of approval. O Stiffice of a continuously flowing vareer for each. Floatence refer to 19.15.17.10 NMAC for guidance. Instructions: The applicant must atachab pusiffication for request. Please refer to 19.15.1
□ 12* X. 4?, 2* lettering, providing Operator's name, site location, and emergency telephone numbers ☑ Signed in compliance with 19.15.3.03 NMAC Administrative Approvals and Exceptions: Plantifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Plantifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Plantifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Plantifications: and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for consideration of approval. Place Prior (S): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. O Signed Criteria (regarding permitting): 19.15.17.10 NMAC Image: Criteria (regarding permitting): 19.15.17.10 NMAC Press: The applicant must demonstrate constrain sting criteria below in the application. Reception (s): The applicant must demonstrate constrain sting criteria may require administrative approval from the applicant must demonstrate exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. O Cround 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 Within 300 feet of
□ 12* X. 4?, 2* lettering, providing Operator's name, site location, and emergency telephone numbers ☑ Signed in compliance with 19.15.3.03 NMAC Administrative Approvals and Exceptions: Plantifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Plantifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Plantifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Plantifications: and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for consideration of approval. Place Prior (S): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. O Signed Criteria (regarding permitting): 19.15.17.10 NMAC Image: Criteria (regarding permitting): 19.15.17.10 NMAC Press: The applicant must demonstrate constrain sting criteria below in the application. Reception (s): The applicant must demonstrate constrain sting criteria may require administrative approval from the applicant must demonstrate exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. O Cround 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 Within 300 feet of
Spined in compliance with 19.15.3.03 NMAC Multinistrative Approvalss and Exceptions: Mathinistrative Approvalss of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please refeet a bax if one or more of the following is requested, if not leave blank: Mathinistrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Psception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Psception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Psception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Psception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Psception(s): Requests must be submitted to the santa Fe Environmental Bureau Office for consideration of approval. Psception(s): Requests must be submitted to the santa Fe Environmental Bureau Office for consideration of approval. Psception(s): The applicant must demonstrate compliance for each sitting criteria below in the application. Recommendations of acceptable source material are provided below. Request regarding changes to certain siting criteria mag require administrative approval from the applicant m
Institucations and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a bax if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Creating/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Creating/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Constructions: 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. Sitting criteria is approved form the state Engineer - iWATERS database search; USGS; Data obtained from nearby wells Mithin 300 feet of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Mithin 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial profession. (Applics to temporary, energency, or cavitation pits and below-grade tanks) Application. (Distribution of the proposed site; Aerial photo; Satellite image
Institucations and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a bax if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Creating/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Creating/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Constructions: 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. Sitting criteria is approved form the state Engineer - iWATERS database search; USGS; Data obtained from nearby wells Mithin 300 feet of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells Mithin 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial profession. (Applics to temporary, energency, or cavitation pits and below-grade tanks) Application. (Distribution of the proposed site; Aerial photo; Satellite image
Please check a bax if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Bxception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Bxteption(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Bxteption(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Bxting Criteria (regarding permitting): 19.15.17.10 NMAC Sting Criteria (regarding permitting): 19.15.17.10 NMAC Munctions: 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 approval. Applicant must demonstrate compliance 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 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 Within 300 feet
Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Sting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable 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 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 Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial Dry s X No Application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) (Site of temporary, emergency, or cavitation pits and below-grade tanks (Site of temporary, emergency, or cavitation pits and below-grade tanks)
(Fencing/BGT Liner) Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. 0 Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for considerent 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 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 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
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. 0 10 11 12 12 13 14 14 15 15 15 16 17 18 18 19 14 15 15 15 16 16 17 18
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the apply to drying pads 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. Image: Criteria (regarding permitting): Criteria may require administrative approval from the application 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. No . NM Office of the State Engineer - iWATERS database search: USGS; Data obtained from nearby wells Image: Yes image: XiNo 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). Yes image: XiNo . Topographic map; Visual inspection (certification) of the proposed site Image: Yes image: XiNo . Multin 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Image: Yes image: XiNo . App
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the apply to drying pads 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. Image: Criteria (regarding permitting): Criteria may require administrative approval from the application 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. No . NM Office of the State Engineer - iWATERS database search: USGS; Data obtained from nearby wells Image: Yes image: XiNo 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). Yes image: XiNo . Topographic map; Visual inspection (certification) of the proposed site Image: Yes image: XiNo . Multin 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Image: Yes image: XiNo . App
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. Image: 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. Image: 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 tanks. - NM Office of the State Engineer - iWATERS database search: USGS; Data obtained from nearby wells Image: Yes Ximo 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 Image: Yes Ximo 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; Satel
appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria Image: Consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. Image: Consideration of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa Image: Construction of the temporary high-water mark). Topographic map; Visual inspection (certification) of the proposed site Image: Construction of the temporary. emergency, or cavitation pits and below-grade tanks) Image: Construction of the temporary. Statellite image Applies to temporary. emergency of the proposed site; Aerial photo; Satellite image Image: Construction of the temporary. Statellite image Image: Construction of the temporary of temporary.
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 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 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
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 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 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
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Yes X No (Applies to temporary, emergency, or cavitation pits and below-grade tanks) NA Visual inspection (certification) of the proposed site; Aerial photo; Satellite image NA
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. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. Yes X No (Applies to temporary, emergency, or cavitation pits and below-grade tanks) NA NA • Visual inspection (certification) of the proposed site; Aerial photo; Satellite image NA
application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image
- 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. Yes XNo
- 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
Within a 100-year floodplain
- FEMA map

Oil Conservation Division

ir			
the second s			tachment Checklist: Subsection B of 19.15.17.9 NMAC by a check mark in the box, that the documents are attached.
X Hydrogeologic Rep	ort (Below-grade Tanks) - based up	on the requirements of P	Paragraph (4) of Subsection B of 19.15.17.9 NMAC
Hydrogeologic Data	(Temporary and Emergency Pits) -	- based upon the requirer	ments of Paragraph (2) of Subsection B of 19.15.17.9
X Siting Criteria Com	pliance Demonstrations - based upo	on the appropriate require	ements of 19.15.17.10 NMAC
X Design Plan - based	upon the appropriate requirements	of 19.15.17.11 NMAC	
X Operating and Mair	tenance Plan - based upon the appro-	opriate requirements of	19.15.17.12 NMAC
X Closure Plan (Pleas	e complete Boxes 14 through 18. if		n the appropriate requirements of Subsection C of
19.15.17.9 NMAC	and 19.15.17.13 NMAC		
Previously Approved D	esign (attach copy of design)	API	or Permit
Instructions: Each of the foll		plication. Please indicate,	9.15.17.9 NMAC by a check mark in the box, that the documents are attached. quirements of Paragraph (3) of Subsection B of 19.15.17.9
Siting Criteria Com	pliance Demonstrations (only for or	n-site closure) - based up	oon the appropriate requirements of 19.15.17.10 NMAC
Design Plan - based	upon the appropriate requirements	of 19.15.17.11 NMAC	
Operating and Mair	tenance Plan - based upon the appro-	opriate requirements of	19.15.17.12 NMAC
Closure Plan (Pleas	e complete Boxes 14 through 18, if		a the appropriate requirements of Subsection C of 19.15.17.9
NMAC and 19.15.1			
=	esign (attach copy of design)	API	
Previously Approved O	perating and Maintenance Plan	API	
Instructions: Each of the for Hydrogeologic Rep Siting Criteria Com Climatological Fact Certified Engineerin Dike Protection and Leak Detection Des Liner Specifications Quality Control/Qua Operating and Main Freeboard and Over Nuisance or Hazard Emergency Respons Oil Field Waste Stre Monitoring and Insp Erosion Control Plan	ort - based upon the requirements of pliance Demonstrations - based upo ors Assessment g Design Plans - based upon the ap Structural Integrity Design: based up ign - based upon the appropriate req and Compatibility Assessment - ba ulity Assurance Construction and Ins tenance Plan - based upon the appro- topping Prevention Plan - based upo out Odors, including H2S, Prevention e Plan am Characterization ection Plan	application. Please indicate f Paragraph (1) of Subsection on the appropriate requirements of upon the appropriate requirements of 19.15.17.1 used upon the appropriate stallation Plan opriate requirements of 1 on the appropriate require on Plan	te, by a check mark in the box, that the documents are attached. ction B of 19.15.17.9 NMAC ements of 19.15.17.10 NMAC of 19.15.17.11 NMAC uirements of 19.15.17.11 NMAC 11 NMAC e requirements of 19.15.17.11 NMAC
14			
Proposed Closure: 19.15 Instructions: Please complete	17.13 NMAC the applicable boxes, Boxes 14 throu	gh 18, in regards to the pr	roposed closure plan.
Type: Drilling Wo			nanent Pit XBelow-grade Tank Closed-loop System
Alternative Proposed Closure Method:	X Waste Excavation and Removal Waste Removal (Closed-loop sy On-site Closure Method (only fo In-place Burial	stems only) or temporary pits and clos On-site Trench	sed-loop systems)
	Alternative Closure Method (Ex	ceptions must be submitte	ted to the Santa Fe Environmental Bureau for consideration)
Please indicate, by a check m X Protocols and Procee X Confirmation Sampl X Disposal Facility Na	ark in the box, that the documents are lures - based upon the appropriate re ing Plan (if applicable) - based upon me and Permit Number (for liquids,	e attached. equirements of 19.15.17. In the appropriate requirem drilling fluids and drill of	ments of Subsection F of 19.15.17.13 NMAC cuttings)
X Soil Backfill and Co		on the appropriate requi	irements of Subsection H of 19.15.17.13 NMAC
=	based upon the appropriate requirem n - based upon the appropriate requi		

Oil Conservation Decision

16 W. A. D	Stud Tenks on Hand off Bins Only (10.15.17.17.D. NMAC)	
 Waste Removal Closure For Closed-loop Systems That Utilize Above Ground 3 Instructions: Please identify the facility or facilities for the disposal of liquids, drill 	ling fluids and drill cuttings. Use attachment if more than two	facilities
are required.		
Disposal Facility Name:		
Disposal Facility Name:	Disposal Facility Permit #:	the second second
Will any of the proposed closed-loop system operations and associated activ Yes (If yes, please provide the information No	ities occur on or in areas that will not be used for future	service and operations?
Required for impacted areas which will not be used for future service and operation		
Soil Backfill and Cover Design Specification - based upon the appro Re-vegetation Plan - based upon the appropriate requirements of Sut		AC
Site Reclamation Plan - based upon the appropriate requirements of		
17 <u>Siting Criteria (Regarding on-site closure methods only:</u> 19.15.17.10 NM Instructions: Each siting criteria requires a demonstration of compliance in the closure pla certain siting criteria may require administrative approval from the appropriate district off for consideration of approval. Justifications and/or demonstrations of equivalency are requ-	in. Recommendations of acceptable source material are provided be fice or may be considered an exception which must be submitted to the submitted of the submitted of the sub	
Ground water is less than 50 feet below the bottom of the buried waste.	The second	Yes No
- NM Office of the State Engineer - iWATERS database search; USGS: Data	obtained from nearby wells	N/A
Ground water is between 50 and 100 feet below the bottom of the buried wa	acte	Yes No
 NM Office of the State Engineer - iWATERS database search; USGS: Data of 		
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 of 	btained from nearby wells	∐N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other sign (measured from the ordinary high-water mark).	nificant 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		Yes No
 Visual inspection (certification) of the proposed site; Aerial photo; satellite images 	age	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less purposes, or within 1000 horizontal fee of any other fresh water well or spring, in et - NM Office of the State Engineer - iWATERS database; Visual inspection (cert	xistence at the time of the initial application.	UYes UNo
Within incorporated municipal boundaries or within a defined municipal fresh wate pursuant to NMSA 1978, Section 3-27-3, as amended.		Yes No
 Written confirmation or verification from the municipality; Written approval of 	obtained from the municipality	
 Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual in 	nenection (certification) of the proposed site	Yes No
Within the area overlying a subsurface mine.	ispection (certification) of the proposed site	
Written confiramtion or verification or map from the NM EMNRD-Mining and	d Mineral Division	Yes No
Within an unstable area.		Yes No
- Engineering measures incorporated into the design; NM Bureau of Geology &	Mineral Resources: USGS; NM Geological Society;	
Topographic map		
 FEMA map 		Yes No
- reinx map		
¹⁸ On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each by a check mark in the box, that the documents are attached.	h of the following items must bee attached to the closur	re plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropri		
Proof of Surface Owner Notice - based upon the appropriate requirem	ients of Subsection F of 19.15.17.13 NMAC	
Construction/Design Plan of Burial Trench (if applicable) based upon		a contra substantia
Construction/Design Plan of Temporary Pit (for in place burial of a dr	rying pad) - based upon the appropriate requirements of 1	9.15.17.11 NMAC
Protocols and Procedures - based upon the appropriate requirements of	of 19.15.17.13 NMAC	
Confirmation Sampling Plan (if applicable) - based upon the appropria	ate requirements of Subsection F of 19.15.17.13 NMAC	
Waste Material Sampling Plan - based upon the appropriate requirement	ents of Subsection F of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids, drilling fluids	s and drill cuttings or in case on-site closure standards car	nnot be achieved)
Soil Cover Design - based upon the appropriate requirements of Subse		
Re-vegetation Plan - based upon the appropriate requirements of Subs	action I of 19.15.17.13 NMAC	A LAND TO SHARE AND

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

.

Off Conservation Division

19			
Operator Application Certification:			
hereby certify that the information submitted with this application is true,	accurate and complete to the	best of my knowledge and belief.	
Name (Print): Crystal l'afoya	Title:	Regulatory Technician	
Signature: Comptal Tolog	Date:	12/22/2008	
e-mail address:	Telephone:	505-326-9837	
20			
OCD Approval: Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)	
OCD Representative Signature:	1	Approval Date:	
Title:	OCD Pern	nit Number:	10-1-1-1
21			
Closure Report (required within 60 days of closure completion): Instructions: Operators are required to obtain an approved closure plan p			sure
report is required to be submitted to the division within 60 days of the com	and the second second second was the second second	s. Please do not complete this section of the form until	an
approved closure plan has been obtained and the closure activities have be			
	Closure	e Completion Date:	
22		Part Participation	Street and
Closure Method:		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
Waste Excavation and Removal On-site Closure Metho	d Alternative Closure	Method Waste Removal (Closed-loop systems of	only)
If different from approved plan, please explain.			
23		and the second	ALC: NO CONT
Closure Report Regarding Waste Removal Closure For Closed-loop Sy	stems That Utilize Above Gr	round Steel Tanks or Haul-off Bins Only:	
netructions. Please identify the facility or facilities for where the liquids	drilling fluids and drill cutti	ings were disposed. Use attachment if more than two f	acilities
vere utilized.		Permit Number	
Disposal Facility Name:	Disposal Facility	Permit Number:	-
vere utilized.	Disposal Facility Disposal Facility	Permit Number:	-
Disposal Facility Name:	Disposal Facility Disposal Facility	Permit Number:	=
Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform	Disposal Facility Disposal Facility med on or in areas that will no	Permit Number:	
were utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation)	Disposal Facility Disposal Facility med on or in areas that will no	Permit Number:	
were utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation	Disposal Facility Disposal Facility med on or in areas that will no	Permit Number:	-
were utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation)	Disposal Facility Disposal Facility med on or in areas that will no	Permit Number:	
Prere utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate compliane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	
bere utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perfor Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service at Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
were utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perfor Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service an Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached.	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
bere utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perfor Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service at Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
A A A A A A A A A A A A A	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
Prevention Proof of Closure Notice (surface owner and division)	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
Preve utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service at Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits)	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
Preventilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
A Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (required for on-site closure) Proof of Deed Notice (required for on-site closure) Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Net Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable)	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
Preve utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	mark in
Preve utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service at Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	Disposal Facility Disposal Facility med on or in areas that <i>will na</i> No <i>nd operations:</i>	Permit Number:	
Preve utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soit Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	Disposal Facility Disposal Facility med on or in areas that will no No nd operations: following items must be atta	Permit Number:	
Pare utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service at Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 4 Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude:	Disposal Facility Disposal Facility med on or in areas that will no No nd operations: following items must be atta	Permit Number:	
Pare utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service at Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 4 Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude:	Disposal Facility Disposal Facility med on or in areas that will no No nd operations: following items must be atta	Permit Number:	
Preve utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude:	Disposal Facility Disposal Facility med on or in areas that will no No nd operations: following items must be attac Longitude:	Permit Number:	
Pare utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service at Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude:	Disposal Facility Disposal Facility med on or in areas that will no No nd operations: following items must be attac Longitude:	Permit Number:	
Preventilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude:	Disposal Facility Disposal Facility med on or in areas that will no No nd operations: following items must be attac Longitude:	Permit Number:	
Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soit Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude: Image: Premator Closure Certification: hereby certify that the information and attachments submitted with this closure closure complies with all applicable closure requirements and condition	Disposal Facility Disposal Facility med on or in areas that will no No not operations: following items must be attac following items must be attac	Permit Number:	
were utilized. Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soit Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	Disposal Facility Disposal Facility med on or in areas that will no No not operations: 	Permit Number:	
Disposal Facility Name: Disposal Facility Name: Were the closed-loop system operations and associated activities perform Yes (If yes, please demonstrate complilane to the items below) Required for impacted areas which will not be used for future service and Site Reclamation (Photo Documentation) Soit Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each of the the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude: Image: Premator Closure Certification: hereby certify that the information and attachments submitted with this closure closure complies with all applicable closure requirements and condition	Disposal Facility Disposal Facility med on or in areas that will no No not operations: following items must be attac following items must be attac	Permit Number:	

Oil Conservation Division

ىە يە يەتلەر ي			ffice of the State orts and Down	4
	Township: 31N	Range: 11W	Sections:	
	NAD27 X:	Y:	Zone:	Search Radius:
County:	Ba	sin:		Number: Suffix:
Owner Na	ame: (First)	(Last)		○Non-Domestic ○Domestic ④A
P	OD / Surface Data Rep	ort Avg	Depth to Water F	Report Water Column Report

En De

WATER COLUMN REPORT 08/20/2008

								B=SW 4=SE)									
	(quarter						0	smallest))			Depth	Depth	Water	(in	feet)	
POD Number	Tws	Rng						Zone	х		Y	Well	Water	Column			
SJ 02395	31N	11W			1	3						95	35	60			
SJ 01640	31N	11W			4							32	7	25			
SJ 01551	31N	11W			4							64	42	22			
SJ 00560	31N	11W		2								39	25	14			
SJ 01729	31N	11W		2	4							48	28	20			
SJ 01541	31N	11W		3								52	30	22			
SJ 01539	31N	11W		3								. 52	30	22			
SJ 00946	31N	11W		3	3							135	100	35			
SJ 01540	31N	11W		4								52	30	22			
SJ 01879	31N	11W		4								26	8	18			
SJ 01801	31N	11W		4								22	15	7	1		
SJ 03413	31N	11W		4	2							60					
SJ 03412	31N	11W		4	2							60					
SJ 03736 POD1	31N	11W			2	1						19	6	13			
SJ 02495	31N	11W		4		1						28	12	16			
SJ 03623	31N	11W		4	1.5	1						30	16	14			
SJ 03264	31N	11W		4	2	2						20	11	9			
SJ 03124	31N	11W		4	2	4						20	5	15			
SJ 03125	31N	11W		4	2	4						20	5	15			
SJ 03712 POD1	31N	11W			3	1						19	11	8			
SJ 03018	31N	11W		-	3	4						20	8	12			
SJ 03670	31N	11W		4		4						26	10	16			
SJ 01538	31N	11W		4	4							52	30	22			
SJ_01683		11W	13	4	4							45	25	20			
SJ 01731	31N	11W	13	4	4							43	25	18			
SJ 01644	31N	11W	13	4	4							23	6	. 17			
SJ 02149	31N	11W	13	4	4							35					
SJ 01645	31N	11W	13	4	4							22	6	16			
SJ 01767	31N	11W	13	4	4							42	18	24			
	31N	11W	13	4	4							40	24	16			
SJ 01699	31N	11W	13	4	4							42	12	30			
SJ 01609	31N	11W		4								40	18	22			
74			and the first		-							40	±Ο	44			

Page 2 o

SJ 01537	31N	11W 13	4 4					52	20	24
SJ 01542	31N	11W 13	4 4					22	28	24
SJ 01663	31N	11W 13	4 4					45	25	20
SJ 02093	31N	11W 13	4 4		W	470700	2143800		25	20
SJ 03440	31N	11W 13	4 4		64	410100	2143600	40	20	20
SJ 03084	31N	11W 13						20	6	14
weather a star of a star and a star and a star and a star and								19	11	8
SJ 03085	31N	11W 13	4 4					18	8	10
SJ 02801	31N	11W 13	4 4					36	5	31
SJ 03064	31N	11W 13	4 4				4	45		
SJ 01142	31N	11W 13	4 4					30	8	22
SJ 02838	31N	11W 13	4 4	4				38	10	28
SJ 02855	31N	11W 13	4 4	4				31		
SJ 01173	31N	11W 13	4 4	4				46	28	18
SJ 02289	31N	11W 13	4 4	4				45	16	29
SJ 03458	31N	11W 19	3 3	4				140		
SJ 02978	31N	11W 23	2 1	3				800		
SJ 01817	31N	11W 23	2 4					65	20	45
SJ 02129	31N	11W 23	2 4					72	35	37
SJ 02161	31N	11W 23	34					40	25	15
SJ 01600	31N	11W 24	1					30	6	24
SJ 02124	31N	11W 24	1 1					55	40	15
SJ 03755 POD1	31N	11W 24	1 4			269112	2142037	27	7	20
SJ 03695 POD1	31N	11W 24	1 4	2				25	13	12
SJ 03695 POD	31N	11W 24	1 4	2				25	13	12
SJ 03696	31N	11W 24	1 4	2				24	12	12
SJ 03695	31N	11W 24	1 4	2				25	13	12
SJ 03696 POD1	31N	11W 24	1 4	2				24	12	12
SJ 01559	31N	11W 24	2					50	27	23
SJ 01744	31N	11W 24	2 2					44	20	24
SJ 01375	31N	11W 24	2 2					30	11	19
SJ 01986 S	31N	11W 24	2 2	2		*		45	30	15
SJ 01986	31N	11W 24	2 2	2				38	21	17
SJ 00555	31N	11W 24	2 2	4				60	19	41
SJ 03408	31N	11W 24	2 3	1				26	11	15
SJ 02928	31N	11W 24	2 3	2				70		
SJ 02924	31N	11W 24	2 3	2				33	15	18
SJ 02846	31N	11W 24		3				45	18	27
SJ 02888	31N	11W 24		3				65		
SJ 03650	31N	11W 24	2 3	3				32	15	17
SJ 00555 X	31N	11W 24	2 4					58	39	19
SJ 02839	31N	11W 24		1				55	19	36
SJ 03707 POD1	31N	11W 24		1				60	40	20
SJ 02758	31N	11W 24		2				69	51	18
SJ 02791	31N	11W 24		2				74	54	20
SJ 00379	31N	11W 24		4				65	40	25
SJ 00365	31N	11W 24		4				71	40	31
SJ 01670	31N	11W 24	3	4				45	27	18
SJ 00287	31N	11W 24		4				38	6	32
SJ 01553 ST 02171	31N	11W 24	3 4	2				44	35	9
SJ 02171	31N	11W 24	3 4	3				45	25	20
SJ 01366	31N	11W 24	4 1					30	11	19
SJ 02644	31N	11W 24	4 1	4				45	18	27
SJ 00913	31N		4 3					81	55	• 26
SJ 01405	31N		4 3					30	9	21
SJ 01455	31N			4				101	66	35
3J 01047	31N			4				205	70	135
SJ 00405	31N			4				69	42	27
3J 03438	31N			4				40		
3J 03045	31N	11W 25	14	4				200		

New Mexico Office of the State Engineer

. 1.

SJ 02499	31N	11W 25	2 1	1			66	15	21
SJ 03198	31N	11W 25	3 3	1				45	21
	· · · · · · · · · · · · · · · · · · ·	11W 25					600	100	500
SJ 02834	31N			3			200	160	40
SJ 03450	_ 31N	11W 25	3 3	3			144	95	49
SJ_03126	31N	11W 26	1 1	1			41	21	20
SJ 01233	31N	11W 26	1 4				49	27	22
SJ 03158	31N	11W 26	1 4	2			280	25	255
SJ 00675	31N	11W 26	14	3			36	22	14
SJ 02887	31N	11W 26	1 4	4			51	28	23
SJ 02898	31N	11W 26	2 1	4			50	20	43
SJ 01789	31N	11W 26	3 1	-			29	10	10
SJ 00705	31N	11W 26	3 1	1				12	17
SJ 00371	31N	11W 26	3 1	2			18	8	10
SJ 03323	31N	11W 26	10 ST				29	9	20
	·			4			30	6	24
SJ 00363	31N	11W 26	3 1	4			25	5	20
SJ 01545 X	31N	11W 26	3 3				27	10	17
SJ 00926	31N	11W 26	4 1				62	32	30
SJ 01519	31N	11W 26	4 2				69	47	22
SJ 01620	31N	11W 26	4 2				67	26	41
SJ 00610	31N	11W 26	4 2				80	50	30
SJ 02011	31N	11W 26	4 2				55	38	17
SJ 01628	31N	11W 26	4 2				66	25	41
SJ 03697 POD1	31N	11W 26	4 2	3			80	50	30
SJ 00562	31N	11W 26	4 3				40	20	20
SJ 00561	31N	11W 26	4 3				38	20	18
SJ 01042	31N	11W 26	4 4				100	30	70
SJ 00494	31N	11W 26	4 4				88	60	28
SJ 02482	31N	11W 27	4 1	2			75	55	20
SJ 03600	31N	11W 27	4 2	1			51	39	12
SJ 03540	31N	11W 27	4 2	1			40	21	19
SJ 03772 POD1	31N	11W 27		1	268239 2	2135717	41	30	19
SJ 02914	31N	11W 27		3	200205	1100/11/	25	15	
SJ 02468	31N	11W 27		3			49	30	10
SJ 02656	31N	11W 27		4			21		19
SJ 02871	31N	11W 27		4			22	9 11	12
							54		11
SJ 02215			4 3				74		21
SJ 02215 SJ 02676	31N	11W 27	43					23	31
SJ 02676	31N 31N	11W 27 11W 27	4 3	1			19	23	31 12
SJ 02676 SJ 03247	31N 31N 31N	11W 27 11W 27 11W 27	4 3 4 3	1			19 70	7	12
SJ 02676 SJ 03247 SJ 03505	31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27	4 3 4 3 4 3	3			19 70 50	7 14	12 36
SJ 02676 SJ 03247 SJ 03505 SJ 02549	31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27	4 3 4 3 4 3 4 3	3			19 70 50 49	7 14 30	12 36 19
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853	31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27	4 3 4 3 4 3 4 3 4 3	3 3 4			19 70 50 49 22	7 14	12 36
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984	31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27	4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4	3 3 4 1			19 70 50 49 22 20	7 14 30 6	12 36 19 16
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181	31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27	4 3 4 3 4 3 4 3 4 3 4 3 4 4 4 4	3 3 4 1			19 70 50 49 22 20 19	7 14 30 6 10	12 36 19 16 9
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884	31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30	4 3 4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 2	3 3 4 1 1 3			19 70 50 49 22 20 19 71	7 14 30 6 10 30	12 36 19 16 9 41
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739	31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30	4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 2 4 2	3 4 1 1 3 4			19 70 50 49 22 20 19 71 98	7 14 30 6 10 30 30	12 36 19 16 9 41 68
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30	4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 2 4 2 4 2 4 2	3 4 1 3 4 4			19 70 50 49 22 20 19 71 98 190	7 14 30 6 10 30 30 30 150	12 36 19 16 9 41 68 40
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30	4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 2 4 2 4 2 4 2 4 2	3 4 1 3 4 4			19 70 50 49 22 20 19 71 98 190 103	7 14 30 6 10 30 30 150 30	12 36 19 16 9 41 68 40 73
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01834 SJ 01797	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30	4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 2 4 2 4 2 4 2 4 2 4 2 4 2	3 4 1 1 3 4 4 4			19 70 50 49 22 20 19 71 98 190 103 100	7 14 30 6 10 30 30 150 30 40	12 36 19 16 9 41 68 40 73 60
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01797 SJ 01396	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30	4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2	3 4 1 1 3 4 4 4 4			19 70 50 49 22 20 19 71 98 190 103 100 80	7 14 30 6 10 30 30 150 30 40 57	12 36 19 16 9 41 68 40 73 60 23
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01797 SJ 01396 SJ 00970	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30	4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2	3 4 1 1 3 4 4 4 4			19 70 50 49 22 20 19 71 98 190 103 100 80 110	7 14 30 6 10 30 30 150 30 40 57 80	12 36 19 16 9 41 68 40 73 60 23 30
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01797 SJ 01396 SJ 00970 SJ 01811	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 3 4 1 1 3 4 4 4 1 1			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89	7 14 30 6 10 30 30 150 30 40 57 80 50	12 36 19 16 9 41 68 40 73 60 23 30 39
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01396 SJ 00970 SJ 01811 SJ 02994	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30 11W 31 11W 33	4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 1 3 4 4 4 4 1 4 2			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89 300	7 14 30 6 10 30 30 150 30 40 57 80	12 36 19 16 9 41 68 40 73 60 23 30
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01739 SJ 011834 SJ 01834 SJ 01834 SJ 01834 SJ 01834 SJ 01396 SJ 00970 SJ 01811 SJ 02994 SJ 02993	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30 11W 31 11W 33 11W 33	4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 1 3 4 4 4 1 1 2 2			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89 300 280	7 14 30 6 10 30 30 150 30 40 57 80 50	12 36 19 16 9 41 68 40 73 60 23 30 39
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01396 SJ 01396 SJ 01811 SJ 02994 SJ 02993 SJ 01137	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 31 11W 33 11W 33 11W 33	4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 1 3 4 4 4 1 1 2 2			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89 300	7 14 30 6 10 30 30 150 30 40 57 80 50 200	12 36 19 16 9 41 68 40 73 60 23 30 23 30 39 100
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01396 SJ 01396 SJ 01811 SJ 02994 SJ 02993 SJ 01137 SJ 02277	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 30 11W 31 11W 33 11W 33	4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 2 4 2 4 4 4 4 4 4 4 4 4 4	3 3 4 1 1 3 4 4 4 1 1 2 2			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89 300 280	7 14 30 6 10 30 30 150 30 40 57 80 50 200 160	12 36 19 16 9 41 68 40 73 60 23 30 39 100 °120 18
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01797 SJ 01396 SJ 01811 SJ 02994 SJ 02993 SJ 01137 SJ 02277 SJ 02167	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 31 11W 33 11W 33 11W 33	4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 1 1 3 4 4 4 1 1 2 2			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89 300 280 37	7 14 30 6 10 30 30 150 30 40 57 80 50 200 160 19	12 36 19 16 9 41 68 40 73 60 23 30 39 100 °120 18 9
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01396 SJ 01396 SJ 01811 SJ 02994 SJ 02993 SJ 01137 SJ 02277	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 33 11W 33 11W 33 11W 33	4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 2 4 2 4 4 4 4 4 4 4 4 4 4	3 3 4 1 1 3 4 4 4 1 1 2 2			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89 300 280 37 16 83	7 14 30 6 10 30 30 150 30 40 57 80 50 200 160 19 7 69	12 36 19 16 9 41 68 40 73 60 23 30 39 100 °120 18 9 14
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01834 SJ 01797 SJ 01396 SJ 01811 SJ 02994 SJ 02993 SJ 01137 SJ 02277 SJ 02167	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 33 11W 33 11W 33 11W 33 11W 34 11W 34	4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 4 4 2 4 2 4 2 4 2 4 2 4 4 4 4	3 3 4 1 1 3 4 4 4 1 1 2 2			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89 300 280 37 16 83 58	7 14 30 6 10 30 30 150 30 40 57 80 50 200 160 19 7 69 40	12 36 19 16 9 41 68 40 73 60 23 30 39 100 120 18 9 14 18
SJ 02676 SJ 03247 SJ 03505 SJ 02549 SJ 02853 SJ 02984 SJ 03181 SJ 01884 SJ 01739 SJ 01154 SJ 01739 SJ 01154 SJ 01797 SJ 01396 SJ 00970 SJ 01811 SJ 02994 SJ 02993 SJ 01137 SJ 02277 SJ 02167 SJ 01533	31N 31N 31N 31N 31N 31N 31N 31N 31N 31N	11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 27 11W 30 11W 30 11W 30 11W 30 11W 30 11W 33 11W 33 11W 33 11W 33 11W 34 11W 34 11W 34	4 3 4 3 4 3 4 3 4 3 4 4 4 4 4 4 4 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 2 2 4 4 4 4 4 4 4 4 1 2 1 4	3 3 4 1 1 3 4 4 4 1 1 2 2 1			19 70 50 49 22 20 19 71 98 190 103 100 80 110 89 300 280 37 16 83	7 14 30 6 10 30 30 150 30 40 57 80 50 200 160 19 7 69	12 36 19 16 9 41 68 40 73 60 23 30 39 100 °120 18 9 14

INCW MICKICO UTICE of the State Engineer

.). ...

.

SJ 01125	31N	11W	34	1	4	2	
SJ 01657	31N	11W	34	2			
SJ 01675	31N	11W	34	2			
SJ 00632	31N	11W	34	2			
SJ 01656	31N	11W	34	2			
SJ 00656	31N	11W	34	2			
SJ 00631	31N	11W	34	2			
SJ 03448	31N	11W	34	2	1		
SJ 01267	31N	11W	34	2	1		
SJ 01618	31N	11W	34	2	1		
SJ 01840	31N	11W	34	2	1	1	
SJ 03316	31N	11W	34	2	1	1	
SJ 00660	31N	11W	34	2	1	1	
SJ 01768		11W	34	2	2		
SJ 01721	31N	11W	34	2	2		
SJ 03172	31N	11W	34	2	2	2	
SJ 03047	31N	11W		2	2	4	
SJ 02119	31N	11W		2	3		
SJ 02113	31N	11W		2	3		
SJ 00659	31N	11W		2	3		
SJ 00661	31N	11W	34	2	3	1	
SJ 02972	31N	11W		2	3	4	
SJ 03107	31N	11W		2	4	1	
SJ 03106	31N	11W		2	4	1	
SJ 03183	31N	11W		2 3	4	42	
SJ 03780 POD1	31N 31N	11W 11W	34	3	1	4	
SJ 02859	31N	11W	34	3	2	3	
SJ 02967 SJ 02856	31N	11W	34	3	2	3	
SJ 02852	31N	11W	34	3	2	3	
SJ 03065	31N	11W		3	2	3	
SJ 03025	31N	11W		3	2	3	
SJ 03014	31N	11W	34	3	2	4	
SJ 03002	31N	11W	34	3	2	4	
SJ 02861	31N			3	3	1	
SJ 03220	31N	11W	34	3	3	1	
SJ 03042	31N	11W		3	3	2	
SJ 03710 POD1	31N	11W	-	3	3	2	
SJ 03048	31N	11W		3	3	4	
SJ 02857	31N 31N	11W 11W		3	44	1 2	
SJ 03492	31N	11W		3	4		
5J 03631 3J 03493	31N	11W		3	4	2	
5J 03493 5J 03357	31N	11W		3	4	2	
SJ 03260	31N	11W		3	4	4	
3J 03609	31N	11W		3	4	4	
3J 01608	7137	11W		4			
3J 03720 POD1	31N	11W	34	4	1	3	
33 03497	31N	11W		4	1	4	
3J 03402	31N	11W		4	1	4	
	31N	11W		4	2	4	
J 03016	31N	11W		4	3	1	
3J 03739 POD1	31N	11W		4	3	1	
JJ 02966	31N	11W	34	4	3	3	
J 00985	31N	11W		4	4		
IJ 02827	31N	11W		1	1	2	
IJ 03371	31N	11W		1	1	3	
IJ 02902	31N	11W		1	1	3	
JJ 02897	31N	11W	35	1	3	1	

	59	42	17
	20	6	14
	33	7	26
	25	7	18
	20	6	14
	30	8	22
		11	19
	30		
	41	21	20
e	65	45	20
	28	8	20
	65	25	40
	30	10	20
	50	30	20
2	20	6	14
	22	10	12
	19	7	12
	19	6	13
	11	3	8
	12	4	8
	33	11	22
	52	32	20
	15	5	10
	18	8	10
	25		
	19	6	13
267922 2130341	28	12	16
201922 2190911	22	6	16
	20	5	15
	24	6	18
	23	7	16
	22	7	15
	22	5	17
	30	5	25
	22		Section the
A STATE OF A DESCRIPTION OF A DESCRIPTIO	21	7	14
	20	6	14
	23	6	17
	20	4	16
	21	4	17
	23	6	17
	30		
	27	6	21
	25	15	10
	22	6	16
	41	3	38
	27	6	21
	48	17	31
	21	6	15
	30	10	20
	25		
	20	2	18
	35		
	25	3	• 22
	48	20	28
	40	16	24
	60		
	21	5	16
	19	5	14
	17	6	11
	0.00100		

ttp://iwaters.ose.state.nm.us:7001/iWATERS/WellAndSurfaceDispatcher

31N 11W 35 1 3 1

IJ 02897

.

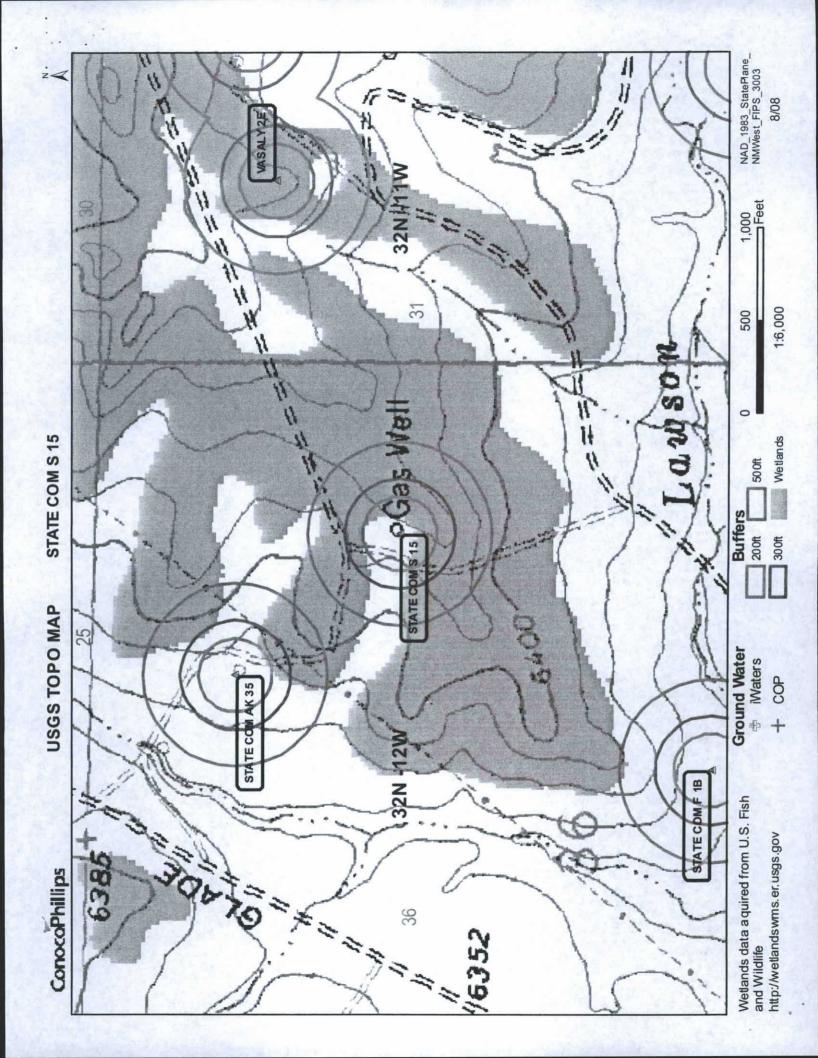
New Mexico Office of the State Engineer

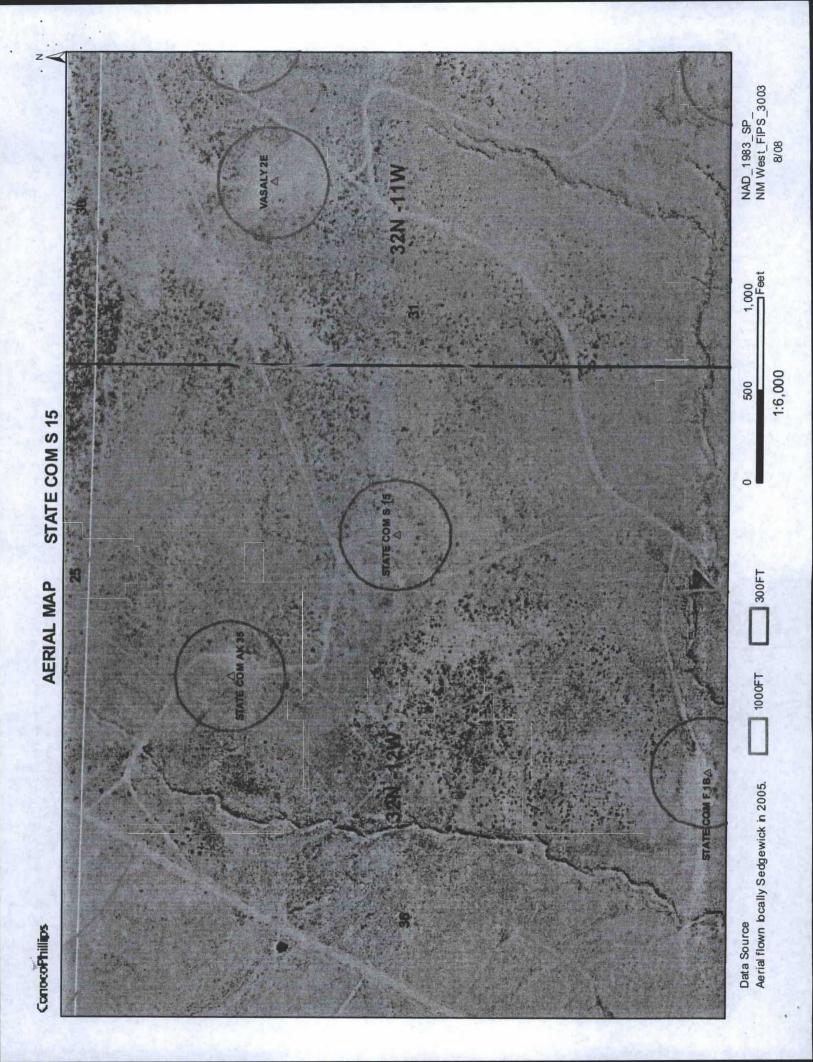
SJ 00333			31N	11W	35	1	. 3	4	
SJ 03760	POD1		31N	11W	35	1	4	1	
SJ 03543			31N	11W	35	1	4	4	
55 01144			31N	11W	35	1	4	4	
SJ 01319			31N	11W	35	2	2	2	
SJ 00185			31N	11W	35	2	3		
SJ 03676			31N	11W	35	2	3	1	
SJ 03560			31N	11W	35	2	3	2	
SJ 03165			31N	11W	35	2	4	4	
SJ 03166			31N	11W	35	2	4	4	
SJ 00983			31N	11W	35	3			
SJ 00939			31N	11W	35	3			
SJ 00940			31N	11W	35	3	1		
SJ 01580			31N	11W	35	3	1	1	
SJ 02932			31N	11W	35	3	1	2	
SJ 02933			31N	11W	35	3	1	2	
SJ 03574			31N	11W	35	3	1	4	
SJ 00591		-	31N	11W	35	3	1	4	
SJ 00939	1		31N	11W	35	3	2		
SJ 00713			31N	11W	35	4	2		

Record Count: 229

.).

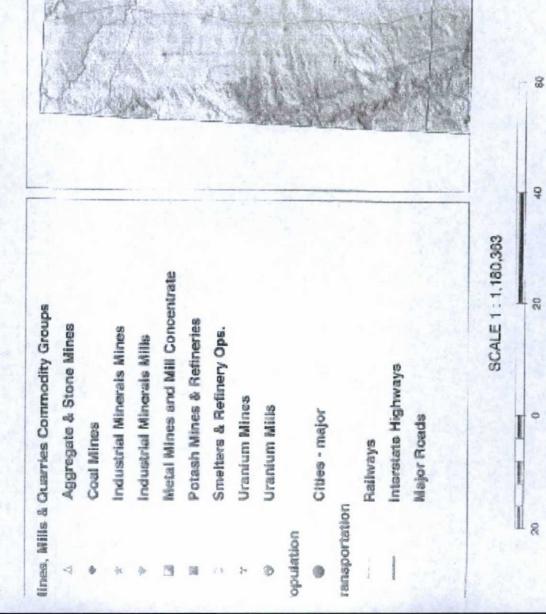
Page 5 of





Mines, Mills and Quarries Web Map

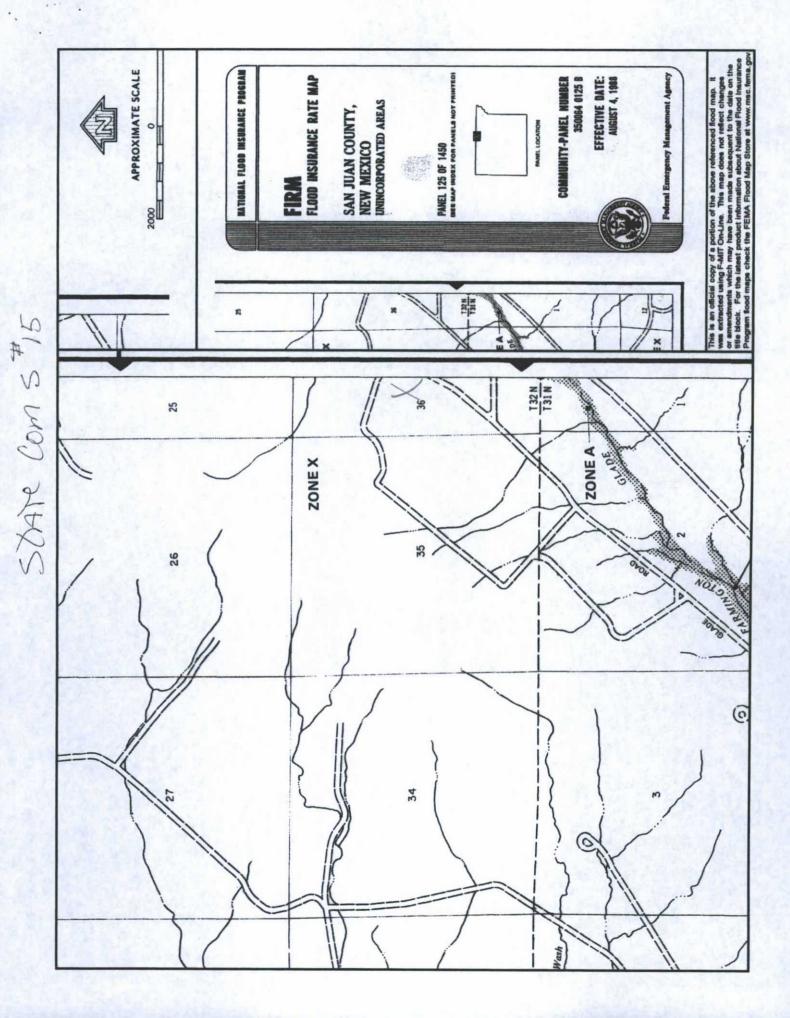
Unit Letter: H, Section: 36, Town: 032N, Range: 012W



4CK FWE E

MILES

Coston



STATE COM S 15

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'STATE COM S 15', which is located at 36.94455 degrees North latitude and 108.04059 degrees West longitude. This location is located on the Abode Downs Ranch 7.5' USGS topographic quadrangle. This location is in section 36 of Township 32 North Range 12 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 Cedar Hill, located 8.4 miles to the east. The nearest large town (population greater than 10,000) is Farmington, located 17.2 miles to the southwest (National Atlas). The nearest highway is State Highway 574, located 3.4 miles to the southwest. The location is on State land and is 840 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Middle San Juan. Arizona, Colorado, New Mexico, Sub-basin. This location is located 1962 meters or 6435 feet above sea level and receives 14.5 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Big Sagebrush Shrubland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 33 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 1,008 feet to the southeast and is classified by the USGS as an intermittent stream. The nearest perrenial stream is named Lawson Glade and is 3,781 feet to the southeast. The nearest water body is 3.645 feet to the southeast. It is classified by the USGS as an intermittent lake and is 0.9 acres in size. The nearest spring is 19,997 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 4,845 feet to the southwest. There is no wetland data available for this area. The slope at this location is 2 degrees to the southwest 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 'Atrac-Florita-Travessilla association, hilly' and is well drained and not hydric with severe erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 3.0 miles to the northwest as indicated on the Mines, Mills and Quarries Map of New Mexico provided.

Regional Geological context:

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 comnformably 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.

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).

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.

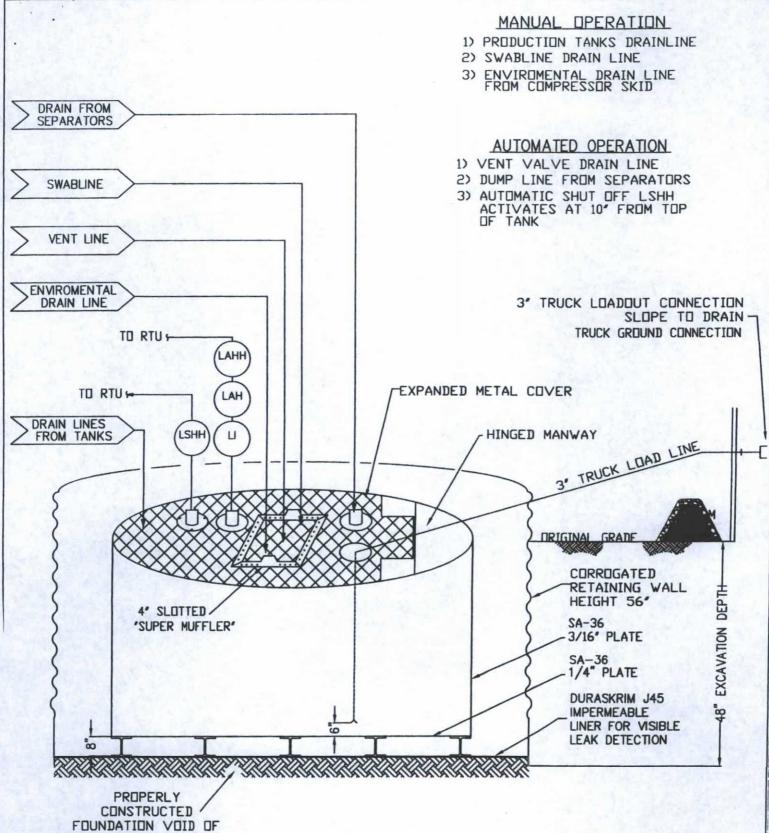
ConocoPhillips Company San Juan Basin Below Grade Tank Design and Construction

In accordance with NMAC 19.15.17 the following information describes the design and construction of below grade tanks on ConocoPhillips Company (COPC) locations. This is COPC'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:

- COPC 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.
- COPC signage will comply with 19.15.3.103 NMAC when COPC is the operator. If COPC is not the operator it will comply with 19.15.17.11NMAC. COPC includes Emergency Contact information on all signage.
- 3. COPC has approval to use alternative fencing that provides better protection. COPC 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. COPC ensures that all gates associated with the fence are closed and locked when responsible personnel are not onsite.
- COPC will construct a screened, expanded metal covering, on the top of the BGT.
- 5. COPC 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.
- 6. The COPC 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. COPC shall operate and install the below-grade tank to prevent the collection of surface water run-on. COPC has built in shut off devices that do not allow a below-grade tank to overflow. COPC 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. COPC 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. COPC 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 COPC 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 COPC'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.
- The general specification for design and construction are attached in the COPC document.



ANY SHARP DBJECTS

ConocoPhillips

PRODUCED WATER PIT TANK OPEN TOP GRAVITY FLOW TANK INTERNALLY COATED WITH 12-14 MILS AMERON AMERCOAT 385

San Juan Business Unit

DURA-SKRIM®

J30, J36 a J45

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	Charles Street	-70° F	-70° F	-70° F	-70° F	-70° F	-70° F

MD = Machine Direction DD = Diagonal Directions

OURA-SERM'

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

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

08/06

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 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.

ConocoPhillips Company 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 ConocoPhillips Company (COPC) locations. This is COPC's standard procedure for all BGT. A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- COPC 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. COPC 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. COPC will not discharge into or store any hazardous waste in the BGT.
- 3. COPC shall operate and install the below-grade tank to prevent the collection of surface water run-on. COPC has built in shut off devices that do not allow a below-grade tank to overflow. COPC 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, COPC 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, COPC's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, COPC 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. COPC 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 COPC shall remove all liquid above the damage or leak line within 48 hours. COPC shall notify the appropriate district office. COPC 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, COPC shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. COPC 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.

ConocoPhillips Company 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 ConocoPhillips Company locations hereinafter known as COPC locations. This is COPC's standard procedure for all BGTs. A separate plan will be submitted for any BGT which does not conform to this plan.

General Requirements:

- COPC 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, COPC will file the C144 Closure Report as required.
- COPC 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. COPC 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 COPC shall remove the equipment, unless the equipment is required for some other purpose.
- 5. COPC shall test the soils beneath the below-grade tank to determine whether a release has occurred. COPC 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 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 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. COPC shall notify the division of its results on form C-141.

- 6. If COPC or the division determines that a release has occurred, then COPC 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 COPC shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- 8. 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 COPC'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. COPC 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. COPC 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