Received by OCD: 9/11/2021 7:05:09 PM

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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.

Pit,	Closed-Loo	p System,	Below-	-Grade	Tank, o	r
Proposed A.	ternative M	ethod Pen	mit or C	Closure	Plan Ar	polication

X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Type of action: Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit BGT 1 Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

1	Resources Oil & Gas Company, LP	oly with any other applicable governmental authority's rules, regulations or ordinances. OGRID#: 14538
	P, Farmington, NM 87499	OGRID#: 14538
Facility or well name:		
API Number:	3004505604	OCD Permit Number:
U/L or Qtr/Qtr: M	Section: 33 Township: 26N	
Center of Proposed Desi		Longitude: -107.69121°W NAD: X 1927 1983
Surface Owner: X	F	Tribal Trust or Indian Allotment
Temporary: Drill Permanent Eme Lined Unlin	G of 19.15.17.11 NMAC ing Workover rgency Cavitation P&A ned Liner type: Thickness m	1 LLDPE HDPE PVC Other
String-Reinforced Liner Seams: Wel	ded Factory Other	Volume:bbl Dimensions Lx Wx D
Closed-loop System Type of Operation: Drying Pad Lined Unline Liner Seams: Weld	P&A Drilling a new well Workover notice of it Above Ground Steel Tanks Haul-off Bins Ed Liner type: Thickness mil	or Drilling (Applies to activities which require prior approval of a permit or ntent) Other LLDPE HDPE PVD Other
Volume: 12 Tank Construction materia Secondary containment Visible sidewalls and Liner Type: Thicknes	al: with leak detection Visible sidewalls, lin liner Visible sidewalls only C	er, 6-inch lift and automatic overflow shut-off
Alternative Metho Submittal of an exception		o the Santa Fe Environmental Bureau office for consideration of approval.

Form C-144

Oil Conservation Division

12/22/2008

Page 1 of 5



eived by OCD: 9/11/2021 7:05:09 PM		Page 2 of 24			
Fencing: Subsection D of 19.15.17.11 NMAC (Sees to permanent pit, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital,					
Four foot height, four strands of barbed wire evenly spaced between one and four feet					
X Alternate. Please specify 4' hog wire fencing topped with two strands barbed wire.					
7 Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) X Screen Other					
Monthly inspections (If netting or screening is not physically feasible)					
Signs: Subsection C of 19.15.17.11 NMAC 12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers X Signed in compliance with 19.15.3.103 NMAC					
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank:					
X Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for co (Fencing/BGT Liner)	onsideration of	approval.			
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.					
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes	XNo			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo			
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	XNo			
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	ПNА				
- 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)	Yes X NA	No			
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image					
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.	Yes	XNo			
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes	XNo			
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo			
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Yes	XNo			
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	Yes	XNo			
Society; Topographic map Within a 100-year floodplain - FEMA map	Yes	XNo			
그리는 아니는 그는					

X Hydro	Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydro	consolaris Preset (P. I
Hydro	ogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
[W] C.'.	ogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9
X Siting	Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
X Design	n Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
X Opera	ting and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
X Closu	re Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of
17.13.	177.7 NWAC and 19.13.17.13 NMAC
Previously	y Approved Design (attach copy of design) API or Permit
12	
instructions: E	Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. gic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
Siting	Criteria Compliance Demonstrations (only for on site closure), based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
Design	Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC in Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operation of the control of the cont	ting and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
	re Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 C and 19.15.17.13 NMAC
Processor of the Party of the P	Approved Design (attach copy of design) API
Previously	Approved Operating and Maintenance Plan API
Siting (Climate Certifie Dike Pr Leak De Liner S Quality Operation	Seach of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. geologic Report - based upon the requirements of Paragraph (I) of Subsection B of 19.15.17.9 NMAC Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC ological Factors Assessment ed Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC rotection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC etection Design - based upon the appropriate requirements of 19.15.17.11 NMAC pecifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Control/Quality Assurance Construction and Installation Plan ng and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Emerger Oil Field Monitor Erosion	ard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC the or Hazardous Odors, including H2S, Prevention Plan and Waste Stream Characterization and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Nuisand Emerger Oil Field Monitor Erosion Closure	ce of Hazardous Odors, including H2S, Prevention Plan ncy Response Plan d Waste Stream Characterization ring and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC sure: 19.15.17.13 NMAC
Emerger Oil Field Monitor Erosion Closure	ce of Hazardous Odors, including H2S, Prevention Plan ncy Response Plan d Waste Stream Characterization ring and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Sure: 19.15.17.13 NMAC rease complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Nuisanc Emerger Oil Field Monitor Erosion Closure	ree of Hazardous Odors, including H2S, Prevention Plan ncy Response Plan d Waste Stream Characterization ring and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Sure: 19.15.17.13 NMAC rease complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Illing Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System
Nuisanc Emerger Oil Field Monitor Erosion Closure Proposed Clos Instructions: Ple Instructions: Ple Instructions Instru	ree of Hazardous Odors, including H2S, Prevention Plan ncy Response Plan d Waste Stream Characterization ing and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Sure: 19.15.17.13 N
Nuisanc Emerger Oil Field Monitor Erosion Closure Proposed Clos Instructions: Ple Proposed Clos Instructions: Ple Instructions Instr	record Hazardous Odors, including H2S, Prevention Plan ncy Response Plan d Waste Stream Characterization ing and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Sure: 19.15.17.13 NMAC ease complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Illing Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System ernative re Method: Waste Excavation and Removal (Below-Grade Tank) Waste Removal (Closed-loop systems only)
Nuisanc Emerger Oil Field Monitor Erosion Closure	re of Hazardous Odors, including H2S, Prevention Plan ncy Response Plan d Waste Stream Characterization ring and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC sure: 19.15.17.13 NMAC rase complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Illing
Nuisanc Emerger Oil Field Monitor Erosion Closure Proposed Clos Instructions: Ple Type: Dri Alto	re or Hazardous Odors, including H2S, Prevention Plan ncy Response Plan d Waste Stream Characterization ing and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC sure: 19.15.17.13 NMAC rase complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Illing Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System ernative re Method: Waste Excavation and Removal (Below-Grade Tank) Waste Removal (Closed-loop systems only) On-site Closure Method (only for temporary pits and closed-loop systems) In-place Burial On-site Trench
Nuisand Emerger Oil Field Monitor Erosion Closure	re of Hazardous Odors, including H2S, Prevention Plan ncy Response Plan d Waste Stream Characterization ring and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC sure: 19.15.17.13 NMAC rase complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Illing
Nuisand Emerger Oil Field Monitor Erosion Closure	re or Hazardous Odors, including H2S, Prevention Plan and Waste Stream Characterization ring and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC sure: 19.15.17.13 NMAC rease complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. alliing Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System remative re Method: Waste Excavation and Removal (Below-Grade Tank) Waste Removal (Closed-loop systems only) On-site Closure Method (only for temporary pits and closed-loop systems) In-place Burial On-site Trench Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration) rion and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. By a check mark in the box, that the documents are attached.
Emerger Oil Field Monitor Erosion Closure Proposed Closure Type: Dri Altter Proposed Closure Altter Proposed Closure Waste Excavate Please indicate, b	we of Hazardous Odors, including H2S, Prevention Plan to Waste Stream Characterization ing and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Sure: 19.15.17.13 NMAC Farse complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Illing Workover Emergency Cavitation P&A Permanent Pit XBelow-grade Tank Closed-loop System Temative Temethod: Waste Excavation and Removal (Below-Grade Tank) Waste Removal (Closed-loop systems only) On-site Closure Method (only for temporary pits and closed-loop systems) In-place Burial On-site Trench Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration) To and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. To and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
Emerge Oil Field Monitor Erosion Closure Proposed Closure Type: Dri Alter Proposed Closure Alter Proposed Closure X Protocols X Confirma	The or Hazardous Odors, including H2S, Prevention Plan incy Response Plan d Waste Stream Characterization ing and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Sure: 19.15.17.13 NMAC sure: 19.15.17.13 NMAC Bure: 19.15.17.13 NMAC
Emerger Oil Field Monitor Erosion Closure Proposed Closure Alto Proposed Closure Alto Proposed Closure Alto Proposed Closure Alto Proposed Closure X Protocols X Confirma X Disposal	The control Plan Incy Response Plan Incontrol Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Incomplete the appli
Emerger Oil Field Monitor Erosion Closure Attractions: Ple Type: Dri Altr Proposed Closure Attractions: Ple Type: Dri Altr Proposed Closure X Protocols X Confirma X Disposal X Soil Back	The or Hazardous Odors, including H2S, Prevention Plan incy Response Plan d Waste Stream Characterization ing and Inspection Plan Control Plan Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Sure: 19.15.17.13 NMAC sure: 19.15.17.13 NMAC Bure: 19.15.17.13 NMAC

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Waste Removal Closure For Closed-loop Systems That Utilize Above Gr Instructions: Please identify the facility or facilities for the disposal of liquid	ound Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC	;) 	
are required.		o facilities	
Disposal Facility Name:			
Disposal Facility Name:	Disposal Facility Permit #:		
Will any of the proposed closed-loop system operations and associated Yes (If yes, please provide the information No		e service and o	perations?
Required for impacted areas which will not be used for future service and op	erations:		
Soil Backfill and Cover Design Specification - based upon the Re-vegetation Plan - based upon the appropriate requirements of	appropriate requirements of Subsection H of 19.15.17.13 NM	IAC	
Site Reclamation Plan - based upon the appropriate requirement	of Subsection C of 10.15.17.13 NMAC		
and apon the appropriate requirement	is of Subsection G of 19.13.17.13 NMAC		
Siting Criteria (Regarding on-site closure methods only: 19.15.17. Instructions: Each siting criteria requires a demonstration of compliance in the closure certain siting criteria may require administrative approval from the appropriate distribution of approval. Justifications and/or demonstrations of equivalency as	are plan. Recommendations of acceptable source material are provided by	elow. Requests re he Santa Fe Envir	garding changes to onmental Bureau office
Ground water is less than 50 feet below the bottom of the buried waste		Yes	□No
- NM Office of the State Engineer - iWATERS database search; USGS:		N/A	
Ground water is between 50 and 100 feet below the bottom of the burie	ed wasta		
- NM Office of the State Engineer - iWATERS database search; USGS; I		Yes	
		□ N/A	
Ground water is more than 100 feet below the bottom of the buried wa		Yes	No
- NM Office of the State Engineer - iWATERS database search; USGS; I		N/A	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other (measured from the ordinary high-water mark).	er significant 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 ch - Visual inspection (certification) of the proposed site; Aerial photo; satelli	turch in existence at the time of initial application.	Yes	No
Within 500 horizontal fact of a visual to visual and		Yes	No
Within 500 horizontal feet of a private, domestic fresh water well or spring tha purposes, or within 1000 horizontal fee of any other fresh water well or spring - NM Office of the State Engineer - iWATERS database; Visual inspection	in existence at the time of the initial application		
Within incorporated municipal boundaries or within a defined municipal fresh pursuant to NMSA 1978, Section 3-27-3, as amended.	water well field covered under a municipal ordinance adopted	Yes	No
 Written confirmation or verification from the municipality; Written approved Within 500 feet of a wetland 	oval obtained from the municipality		
- US Fish and Wildlife Wetland Identification map; Topographic map; Vis	oual inspection (certification) of the proposed site	Yes	∐No
Within the area overlying a subsurface mine.	and any proposed site	Yes	□N-
- Written confiramtion or verification or map from the NM EMNRD-Minir	ng and Mineral Division	Lites	∐N0
Within an unstable area.		Yes	□No
 Engineering measures incorporated into the design; NM Bureau of Geolog Topographic map 	gy & Mineral Resources; USGS; NM Geological Society;		
Within a 100-year floodplain.		П.,	П.,
- FEMA map		Yes	∐No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: by a check mark in the box, that the documents are attached.	Each of the following items must bee attached to the closur	re plan. Please	indicate,
Siting Criteria Compliance Demonstrations - based upon the appr	opriate requirements of 19.15.17.10 NMAC		
Proof of Surface Owner Notice - based upon the appropriate requ	irements of Subsection F of 19.15.17.13 NMAC		
Construction/Design Plan of Burial Trench (if applicable) based to			
Construction/Design Plan of Temporary Pit (for in place burial of		9.15.17 11 NM	AC
Protocols and Procedures - based upon the appropriate requirement	nts of 19.15.17.13 NMAC		
Confirmation Sampling Plan (if applicable) - based upon the appro			
Waste Material Sampling Plan - based upon the appropriate require			
Disposal Facility Name and Permit Number (for liquids, drilling f		not be achieve	d)
Soil Cover Design - based upon the appropriate requirements of S	ubsection H of 19.15.17.13 NMAC	active ve	
Re-vegetation Plan - based upon the appropriate requirements of S	Subsection I of 19.15.17.13 NMAC		
Site Reclamation Plan - based upon the appropriate requirements	of Subsection G of 19.15.17.13 NMAC		

19		
Operator Application Certification:		
hereby certify that the information submitted with this application is true, accurate	arate and complete to the best	of my knowledge and belief.
Name (Print): Crystal Tafoya	Title:	Regulatory Technician
Signature: Talona	Date:	12/22/2008
e-mail address: crystal.tafoya@conocophillips.com	Telephone:	505-326-9837
A CONTRACTOR OF THE CONTRACTOR		303 320-7631
20 OCD Approvals Promit Application (i.e.)		
OCD Approval: Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)
OCD Representative Signature: CRWhitehead		Approval Date: September 16, 2021
litle: Environmental Specialist	OCD Permit N	umber: BGT 1
Closure Report (required within 60 days of closure completion): Subs	ection K of 19 15 17 13 NMAC	
nstructions: Operators are required to obtain an approved closure plan prior to	implementing any closure ac	tivities and submitting the closure report. The closure
eport is required to be submitted to the division within 60 days of the completic pproved closure plan has been obtained and the closure activities have been co	on of the closure activities. Pla	ease do not complete this section of the form until an
pain has been continued and the closure activities have been co		
	Closure Cor	npletion Date:
2	w	
Closure Method:	_	
Waste Excavation and Removal On-site Closure Method	Alternative Closure Meth	od Waste Removal (Closed-loop systems only)
If different from approved plan, please explain.		
3		
losure Report Regarding Waste Removal Closure For Closed-loop Systems	That Utilize Above Ground	Steel Tanks or Haul-off Rins Only
istructions: Please identify the facility or facilities for where the liquids, drill	ing fluids and drill cuttings w	ere disposed. Use attachment if more than two facilities
re unitzeu.		
Disposal Facility Name:	Disposal Facility Perm	it Number:
Disposal Facility Name:	Disposal Facility Permi	it Number:
Were the closed-loop system operations and associated activities performed o	n or in areas that will not be u	sed for future service and opeartions?
Yes (If yes, please demonstrate complilane to the items below)	No	
Required for impacted areas which will not be used for future service and open	erations:	
Site Reclamation (Photo Documentation)		
Soil Backfilling and Cover Installation		
Re-vegetation Application Rates and Seeding Technique		
Closure Report Attachment Checklist: Instructions: Each of the following the box, that the documents are attached.	ving items must be attached to	o the closure report. Please indicate, by a check mark in
Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure)		
1 1 1001 OF DECU NOTICE (TECHNITED FOR ON-SITE CLOSURE)		
Plot Plan (for on-site closures and temporary pits)		
Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable)		
Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable)		
Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable)		
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		
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		
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		
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	Longitude:	NAD ∏ 1927 ∏ 1983
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)	Longitude:	NAD
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)	Longitude:	NAD
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:		
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:	eport is ture, accurate and con	nulete to the best of my knowledge and belief. Lake carrify that
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Oil Conservation Division

New Mexico Office of the State Engineer POD Reports and Downloads

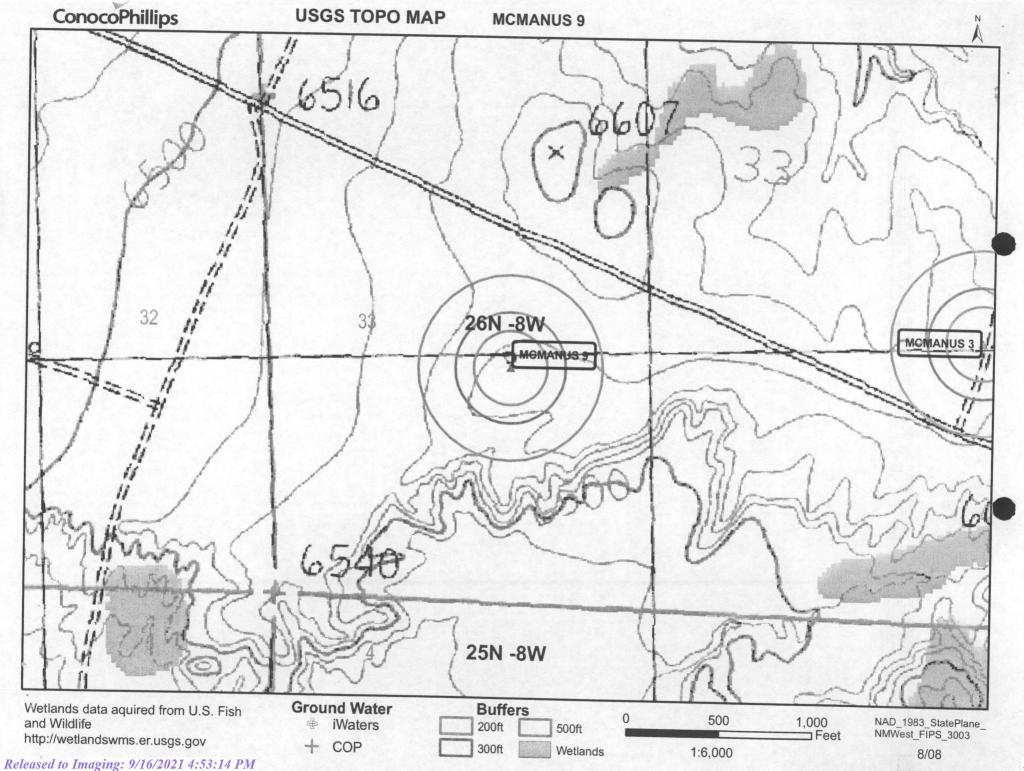
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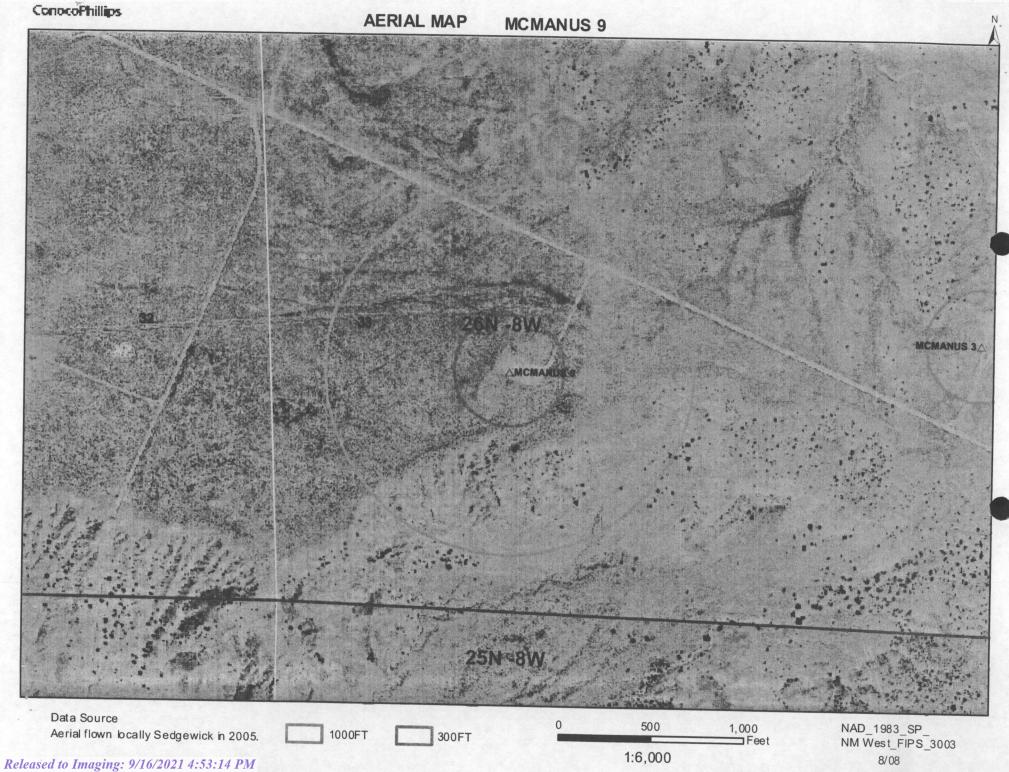
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New Mexico Office of the State Engineer POD Reports and Downloads

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NA	227 X: Y: Zone: Search Radius:
County:	Basin: Number: Suffix:
Owner Name:	(First) (Last) C Non-Domestic C Domestic C Al
POD/	urface Data Report Avg Depth to Water Report Water Column Report
	Clear Form iWATERS Menu Help
	WATER COLUMN REPORT 08/20/2008 (quarters are 1=NW 2=NE 3=SW 4=SE)
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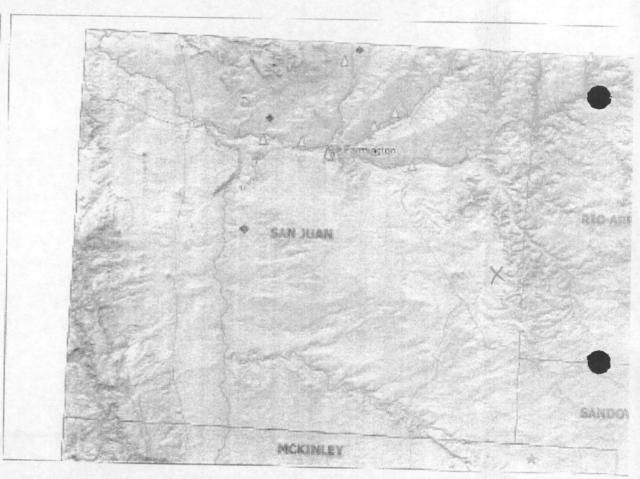


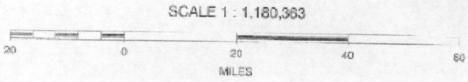
Mines, Mills and Quarries Web Map

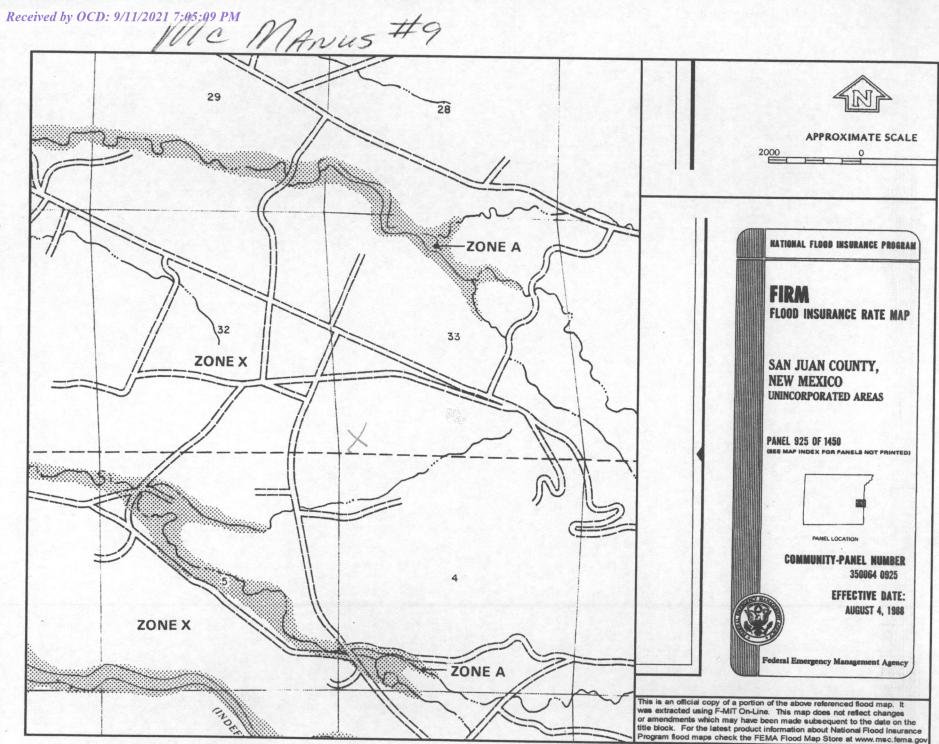
MCMANUS 9

Unit Letter: M, Section: 33, Town: 026N, Range: 008W

fines, Wills	& Quarries Commodity Groups
۵	Aggregate & Stone Mines
	Coal Mines
*	Industrial Minerals Mines
V	Industrial Minerals Mills
	Metal Mines and Mill Concentrate
E I	Potash Mines & Refineries
al al	Smelters & Refinery Ops.
2	Uranium Mines
6	Uranium Mills
opulation	
	Cities - major
ransportati	on
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erianismum.	Interstate Highways
	Major Roads







MC MANUS 9

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'MCMANUS 9', which is located at 36.44053 degrees North latitude and 107.69121 degrees West longitude. This location is located on the Thompson Mesa 7.5' USGS topographic quadrangle. This location is in section 33 of Township 26 North Range 8 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 Nageezi, located 12.3 miles to the south. The nearest large town (population greater than 10,000) is Farmington, located 35.0 miles to the northwest (National Atlas). The nearest highway is US Highway 550, located 8.6 miles to the southwest. The location is on BLM land and is 1,554 feet from the edge of the parcel as notated in the BLM land status layer updated January 2008. This location is in the Blanco Canyon. New Mexico, Sub-basin. This location is located 2005 meters or 6576 feet above sea level and receives 10 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Semi-Desert Grassland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 380 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 1,665 feet to the southeast and is classified by the USGS as an intermittent stream. The nearest perennial stream is 6,317 feet to the south. The nearest water body is 6,317 feet to the south. It is classified by the USGS as an intermittent lake and is 0.8 acres in size. The nearest spring is 30,949 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 6,158 feet to the northwest. The nearest wetland is a 0.2 acre other located 3,437 feet to the southwest. The slope at this location is 2 degrees to the south 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 'Doak-Sheppard-Shiprock association, rolling' and is well drained and not hydric with moderate erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008. The nearest underground mine is 19.8 miles to the southwest 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 conformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval. Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone e al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones. Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3.500 feet.

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, east-central San Juan Basin, New Mexico: USGS Professional Paper 552, 101 p.

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

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

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

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

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

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

General Plan:

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

- 9. BR has equipped the below-grade tanks with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the BR MSO for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action must be taken to address this alarm. The environmental drain line from BR's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by 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 BR document.

PROPERLY CONSTRUCTED FOUNDATION VOID OF ANY SHARP DBJECTS

ConocoPhillips

San Juan Business Unit

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

DURASKRIM J45 **IMPERMEABLE** LINER FOR VISIBLE LEAK DETECTION

DURA-SKIIN®

J30, J36 & J45

PROPERTIES	TEST METHO	<u> </u>	130BB	f J	36 88	S. 17. 1874	45BB
Appearance		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	dail a cut to be to the	Typical Rol
		Bla	ck/Black	Blad	ck/Black		Averages
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil		ck/Black
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs	168 lbs	40 mil	45 mil 210 lbs
Construction				(21.74)	(24.19)	(27.21)	(30.24)
Ply Adhesion	ASTM D 413	EXI	rusion laminate	d with encapsul	ated tri-direction	nal scrim reinfo	rcement
	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	750 MD
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
Dimensional Stability	ASTM D 1204	<1	<0.5	<1		עם ומו טסו	191 lbf DD
ouncture Resistance	ASTM D 4833	50 lbf			<0.5	<1	<0.5
Maximum Use Temperature			64 lbf	65 lbf	83 lbf	80 lbf	99 lbf
linimum Use Temperature		180° F					
) = Machine Direction	NOW THE REAL PROPERTY.	-70° F					

MD = Machine Direction DD = Diagonal Directions



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

*Dimensional Stability Maximum Value

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

Note: RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF discisions 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

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

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 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

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 Industries Inc. This Limited Warranty may only be modified by written document mutually executed by Owner and Raven Industries Inc.

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

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

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

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

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

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

General Plan:

- BR will operate and maintain a BGT to contain liquids and solids and maintain
 the integrity of the liner, liner system and secondary containment system to
 prevent contamination of fresh water and protect public health and environment.
 BR will accomplish this by performing an inspection on a monthly basis, installing
 cathodic protection, and automatic overflow shutoff devices as seen on the
 design plan.
- 2. BR will not discharge into or store any hazardous waste in the BGT.
- 3. BR shall operate and install the below-grade tank to prevent the collection of surface water run-on. BR has built in shut off devices that do not allow a belowgrade tank to overflow. BR constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 4. As per 19.17.15.12 Subsection D, Paragraph 3, BR will inspect the below-grade tank at least monthly reviewing several items which include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. In addition, BR's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, BR shall remove any visible or measurable layer of oil from the fluid surface of a below-grade tank in an effort to prevent significant accumulation of oil overtime. The written record of the monthly inspections will include the items listed above and will be maintained for five years.
- BR shall require and maintain a 10" adequate freeboard to prevent overtopping of the below-grade tank.
- 6. If the below grade tank develops a leak, or if any penetration of the pit liner or below grade tank, occurs below the liquid's surface, then BR shall remove all liquid above the damage or leak line within 48 hours. BR shall notify the appropriate district office. BR shall repair or replace the pit liner or below grade tank, within 48 hours of discovery. If the below grade tank or pit liner does not demonstrate integrity, BR shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. BR shall notify the appropriate district office of a discovery of leaks less than 25 barrels as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.

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

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

General Requirements:

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

- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then BR shall backfill the excavation with compacted, nonwaste 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
- 9. The surface owner shall be notified of BR's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 10. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. BR will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the belowgrade 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

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District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 47780

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	47780
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

QUESTIONS

Facility and Ground Water					
Please answer as many of these questions as possible in this group. More information will help us identify the appropriate associations in the system.					
Facility or Site Name	Not answered.				
Facility ID (f#), if known	Not answered.				
Facility Type	Below Grade Tank - (BGT)				
Well Name, include well number	Not answered.				
Well API, if associated with a well	Not answered.				
Pit / Tank Type	Not answered.				
Pit / Tank Name or Identifier	Not answered.				
Pit / Tank Opened Date, if known	Not answered.				
Pit / Tank Dimensions, Length (ft)	Not answered.				
Pit / Tank Dimensions, Width or Diameter (ft)	Not answered.				
Pit / Tank Dimensions, Depth (ft)	Not answered.				
Ground Water Depth (ft)	Not answered.				
Ground Water Impact	Not answered.				
Ground Water Quality (TDS)	Not answered.				

Below-Grade Tank		
Subsection I of 19.15.17.11 NMAC		
Volume / Capacity (bbls)	Not answered.	
Type of Fluid	Not answered.	
Pit / Tank Construction Material	Not answered.	
Secondary containment with leak detection	Not answered.	
Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	Not answered.	
Visible sidewalls and liner	Not answered.	
Visible sidewalls only	Not answered.	
Tank installed prior to June 18. 2008	Not answered.	
Other, Visible Notation. Please specify	Not answered.	
Liner Thickness (mil)	Not answered.	
HDPE (Liner Type)	Not answered.	
PVC (Liner Type)	Not answered.	
Other, Liner Type. Please specify (Variance Required)	Not answered.	

Fencing	
Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)	
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)	Not answered.
Four foot height, four strands of barbed wire evenly spaced between one and four feet	Not answered.
Alternate, Fencing. Please specify (Variance Required)	Not answered.

Netting	
Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	
Screen	Not answered.
Netting	Not answered.
Other, Netting. Please specify (Variance May Be Needed)	Not answered.

Signs

Subsection C of 19.15.17.11 NMAC (If there are multiple operators at a site, each operator must have their own sign in compliance with Subsection C of 19.15.17.11 NMAC.)

	12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	Not answered.
Γ	Signed in compliance with 19.15.16.8 NMAC	Not answered.

Variances and Exceptions Justifications and/or demonstrations ofequivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank:	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	Not answered.

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. Siting criteria does not apply to drying pads or above-grade tanks.

Siting Criteria, General Siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank	Not answered.
NM Office of the State Engineer - iWATERS database search	Not answered.
USGS	Not answered.
Data obtained from nearby wells	Not answered.

Siting Criteria, Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lakebed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark)	Not answered.
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption	Not answered.

Proposed Closure Method	
Below-grade Tank	Below Grade Tank - (BGT)
Waste Excavation and Removal	Not answered.
Alternate Closure Method. Please specify (Variance Required)	Not answered.

Operator Application Certification	
Registered / Signature Date	Not answered.

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ACKNOWLEDGMENTS

Action 47780

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1111 Travis Street	Action Number:
Houston, TX 77002	47780
	Action Type:
	[C-144] Legacy Below Grade Tank Plan (C-144LB)

ACKNOWLEDGMENTS

<u>~</u>	I acknowledge that I have received prior approval from the OCD to submit documentation of a legacy below-grade tank on behalf of my operator.
V	I hereby certify that the information submitted with this documentation is true, accurate and complete to the best of my knowledge and belief.

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CONDITIONS

Action 47780

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CONDITIONS

Created By	Condition	Condition Date
cwhitehead	None	9/16/2021