District I^{*}
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-144 Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

For permanent pits 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, INVI 67303	Santa Fe, NM 87505	to the appropriate NMOCD District Office.
3958	Pit, Below-Grade Tank, or	
	ative Method Permit or Closur	e Plan Application
		OIL CONS. DIV DIST. 3
39-31337 Permit of a Closure of Modificati	de tank registration a pit or proposed alternative method f a pit, below-grade tank, or proposed alter ion to an existing permit/or registration an only submitted for an existing permittee	mative method JAN 07 2016
or proposed alternative method		
Instructions: Please submit one ap	oplication (Form C-144) per individual pit, be	elow-grade tank or alternative request
lease be advised that approval of this request does not relavironment. Nor does approval relieve the operator of its		sult in pollution of surface water, ground water or the le governmental authority's rules, regulations or ordinances.
WPX Energy Production,	LLC OGRII	D#:120782
Address: PO Box 640/721 S Main		
Facility or well name: MC 8 Com 409H and MC 8		
API Number: 30-039-31337 and 30-039-31340	- CXAR-	
U/L or Qtr/Qtr N Section 07 To		
Center of Proposed Design: Latitude N36.237078		
Surface Owner: Federal State Private Tr		
 Pit: Subsection F, G or J of 19.15.17.11 NMAC 		
Temporary: ☐ Drilling ☐ Completion ☐ Workov		
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A		Low Chloride Drilling Fluid ves no
Lined Unlined Liner type: Thickness		
String-Reinforced		
Liner Seams: Welded Factory Other	Volume: hb	I Dimensions: v W v D
Ellici Scalis. Welded Factory Odici	voidine.	T DimensionsX WXD
3.		
Below-grade tank: Subsection I of 19.15.17.11		
Volume: 120 bbl Type of fi		
Tank Construction material: Double Wall, Double		
Secondary containment with leak detection \(\bigcup \)		
☐ Visible sidewalls and liner ☐ Visible sidewalls		
Liner type: Thicknessmil	HDPE PVC Other	472 191
4.		
Alternative Method:		
Submittal of an exception request is required. Except	ions must be submitted to the Santa Fe Environ	nmental Bureau office for consideration of approval.
5. Fencing: Subsection D of 19.15.17.11 NMAC (Appli	es to permanent pits, temporary pits, and helo	w-grade tanks)
Chain link, six feet in height, two strands of barbed institution or church)		
☐ Four foot height, four strands of barbed wire evenl	y spaced between one and four feet	
☐ Alternate. Please specify As per BLM speci	fications	

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	
Screen Netting Other	
Monthly inspections (If netting or screening is not physically feasible)	
7.	
Signs: Subsection C of 19.15.17.11 NMAC	
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
☑ Signed in compliance with 19.15.16.8 NMAC	
8. Variances 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: Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
9. <u>Siting Criteria (regarding permitting)</u> : 19.15.17.10 NMAC <u>Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accematerial are provided below. Siting criteria does not apply to drying pads or above-grade tanks.</u>	eptable source
General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☑ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☑ Data obtained from nearby wells	☐ Yes ☑ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. (Does not apply to below grade tanks) Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	+
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Temporary Pit Non-low chloride drilling fluid							
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image							
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site							
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Permanent Pit or Multi-Well Fluid Management Pit	T.						
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No						
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the do attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.1 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:	9 NMAC						
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the do attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC							
Previously Approved Design (attach copy of design) API Number: or Permit Number:							

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the	documents are					
attached. ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC ☐ Climatological Factors Assessment ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Quality Control/Quality Assurance Construction and Installation Plan ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Nuisance or Hazardous Odors, including H₂S, Prevention Plan ☐ Emergency Response Plan ☐ Oil Field Waste Stream Characterization ☐ Monitoring and Inspection Plan ☐ Erosion Control Plan ☐ Erosion Control Plan ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC						
13. Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.						
Type: Drilling Completion Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Management Pit Alternative Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial Alternative Closure Method	☐ Multi-well Fluid					
14. Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) □ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC						
15. Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sou provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. In 19.15.17.10 NMAC for guidance.						
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No					
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No					
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells NA						
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa ake (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. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image						
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site						
Written confirmation or verification from the municipality; Written approval obtained from the municipality						
/ithin 300 feet of a wetland. S Fish and Wildlife Wetland Identification map; Topographic map; 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.	D Vac D No
 Written confirmation or verification from the municipality; Written approval obtained from the municipality 	Yes No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area.	
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	
	Yes No
Within a 100-year floodplain FEMA map	☐ Yes ☐ No
- I Dita kinup	
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.	lan Please indicate
by a check mark in the box, that the documents are attached.	ium Tieuse muieure,
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
 □ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC □ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17 	11 NMAC
Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.	
Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC	
☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC	
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cann	not be achieved)
Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
17.	
Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and bel	lef.
Name (Print): Deborah Watson Title: Environmental Specialist	
Debruck Water	
Signature: Date: January 5, 2016	
e-mail address: deborah.watson@wpxenergy.com Telephone: 505-333-1880/505-386-9693	
18.	
1	
18. OCD Approval: Permit Application (including closure plan) losure Plan (only) CD Conditions (see attachment)	114/15
18. OCD Approval: Permit Application (including closure plan) losure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date:	114/16
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18. OCD Approval: Permit Application (including closure plan) losure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Title: Exoremental Spec OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC	114/16
OCD Approval: Permit Application (including closure plan) losure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Title: Exorcic provided Spec OCD Permit Number: OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting	
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OCD Approval: Permit Application (including closure plan) closure Plan (only) CD Conditions (see attachment) OCD Representative Signature: Title: Exportage Spec OCD Permit Number: OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: Closure Completion Date:	
OCD Approval: Permit Application (including closure plan) OCD Representative Signature: Title: Sociocomputed Spec OCD Permit Number: OCD Permit Number: Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: Closure Method:	t complete this
OCD Approval: Permit Application (including closure plan) document ocd Conditions (see attachment) ocd	t complete this
OCD Approval: Permit Application (including closure plan) OCD Representative Signature: Title: Sociocomputed Spec OCD Permit Number: OCD Permit Number: Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: Closure Method:	t complete this
OCD Approval: Permit Application (including closure plan) losure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: Title: Exocropped Spec OCD Permit Number: OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: Closure Method: Closure Method Alternative Closure Method Waste Removal (Closed-location) In different from approved plan, please explain.	oop systems only)
OCD Approval: Permit Application (including closure plan) closure Plan (only) closure	oop systems only)
18. OCD Approval: Permit Application (including closure plan) losure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: 20. Closure Method: Alternative Closure Method Alternative Closure Method Waste Removal (Closed-logical Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division)	oop systems only)
OCD Approval: Permit Application (including closure plan) Good Conditions (see attachment) OCD Representative Signature: Approval Date: Title: Exologorated Spect OCD Permit Number: OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Method: Closure Completion Date: 20. Closure Method: Alternative Closure Method Alternative Closure Method Waste Removal (Closed-led) If different from approved plan, please explain. 21. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only)	oop systems only)
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: Title: Approval Date: OCD Permit Number: OCD Permit Number: OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Method: Closure Completion Date: 20. Closure Method: Alternative Closure Method Waste Removal (Closed-led) If different from approved plan, please explain. 21. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits)	oop systems only)
OCD Approval: Permit Application (including closure plan) closure Plan (only) cD Conditions (see attachment) OCD Representative Signature: Title: Social Spect OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-led) If different from approved plan, please explain. 21. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure)	oop systems only)
OCD Approval: Permit Application (including closure plan) GOD Conditions (see attachment) GOD Representative Signature: Approval Date: Approval Date: Plan (only) GOD Conditions (see attachment) GOD Representative Signature: Approval Date: Approval Date: Plan (only) GOD Permit Number: Plan (only) Plot Plan (for on-site closure set) GOD Permit Number GOD Permit Number Plan (only) Plot Plan (for on-site closure activities and submitting the closure activit	oop systems only)
18. OCD Approval: Permit Application (including closure plan) doosure Plan (only) OCD Conditions (see attachment) OCD Representative Signature:	oop systems only)
OCD Approval: Permit Application (including closure plan) GOD Conditions (see attachment) GOD Representative Signature: Approval Date: Approval Date: Plan (only) GOD Conditions (see attachment) GOD Representative Signature: Approval Date: Approval Date: Plan (only) GOD Permit Number: Plan (only) Plot Plan (for on-site closure set) GOD Permit Number GOD Permit Number Plan (only) Plot Plan (for on-site closure activities and submitting the closure activit	oop systems only)

Page 5 of 25

Operator Closure Certification:	
I-hereby certify that the information and attachmen	ts submitted with this closure report is true, accurate and complete to the best of my knowledge and
belief. I also certify that the closure complies with	all applicable closure requirements and conditions specified in the approved closure plan.
Name (Print):	Title:
Signature:	Date:
e-mail address:	Telephone:

Hydrogeological Report MC 8 Com Well Pad MC 8 Com #409H and MC 8 Com #410H N36.237078, W107.615637 Regional Hydrological Context

Referenced Well Location:

The referenced wells and BGT are located on Bureau of Land Management land within Farmington Field Office (FFO) jurisdiction in Rio Arriba County, New Mexico. This site is positioned in the northeastern portion of the San Juan Basin, an asymmetrical syncline that extends from northwestern New Mexico into southwestern Colorado (Carson National Forest FEIS, 2008). Elevation of the referenced location is approximately 7,322 feet MSL.

General Regional Groundwater Description:

As a portion of the San Juan Basin, the FFO region is underlain by sandstone aquifers of the Colorado Plateau. The primary aquifer of potential concern at this location is the Uinta-Animas Aquifer, composed primarily of Lower Tertiary rocks in the San Juan Basin. The aquifer consists of the San Jose Formation; the underlying Animas formation and its lateral equivalent, the Nacimiento formation; and the Ojo Alamo Sandstone. The thickness of the Uinta-Animas aquifer generally increases toward the central part of the basin. In this region, the maximum thickness of the aquifer is approximately 3500 feet (USGS, 2001). This aquifer contains fresh to moderately saline water.

Groundwater generally flows toward the San Juan River and its tributaries, where it becomes alluvial groundwater or is discharged to stream flow. Additional information regarding the hydrogeologic setting can be found in the provided references.

Site Specific Information:

Surface Hydrology: The general region surrounding the proposed project area is

characterized by badlands, mesas, and relatively flat lowland valleys. There are many broad, braided, shallow washes in the

area.

1st Water Bearing Formation:

Formation Thickness: Underlying Formation:

Depth to Groundwater:

San Jose, Tertiary

Approximately 1,900 ft.

Nacimiento, Tertiary

Depth to groundwater is estimated to be greater than 100 feet below the bottom of the BGT. A Ground Bed Drilling Log for NE Chaco Com 2307 17H 163H reports water at 112 feet below ground surface (bgs). NE Chaco Com 2307 17H 163H is located approximately1.6 miles southeast of the location. The NE Chaco Com 2307 17H 163H is located at an elevation 48

feet lower than the MC 8 Com BGT.

References:

Allen, Erin. Undated. Colorado Plateau Aquifers.

http://academic.emporia.edu/schulmem/hydro/TERM%20PROJECTS/2007/Allen/Aquifer.html.

New Mexico Energy, Minerals and Natural Resources Department, Division of Mining and Minerals. Database. 2010. Internet accessed January 2010.

New Mexico Office of the State Engineer. 2014. iWaters database. Internet accessed December 2015.

New Mexico WQCC. 2005. State of New Mexico Water Quality Act and the Water Control Commission Regulations.

United States Department of Agriculture, Forest Service. 2008. Final Environmental Impact Statement for Surface Management of Gas Leasing and Development. Jicarilla Ranger District, Carson National Forest, Rio Arriba County, New Mexico.

United States Department of the Interior. Bureau of Land Management. 2003. Final Farmington Resource Management Plan and Final Environmental Impact Statement. Farmington Field Office, Farmington, New Mexico.

United States Geological Survey. 2001. Ground Water Atlas of the United States: Arizona, Colorado, New Mexico and Utah. USGS Publication HA 730-C.

Siting Criteria Compliance Demonstrations MC 8 Com Well Pad MC 8 Com #409H, MC 8 Com #410H, and MC 8 Com #916H N36.237078, W107.615637

19.15.17.10. A.8 Siting Criteria - Below Grade Tanks

(a) An operator shall not locate a Below Grade Tank within 100 feet of continuously flowing watercourse, significant water course, lakebed, sinkhole, wetland or playa lake.

The BGT is not located within 100 feet of any continuously flowing water course, significant water course, lakebed, sinkhole, wetlands or playa lake as indicated on the attached topographic map (Figure 1).

(b) An operator shall not locate a Below Grade Tank within 200 feet of a spring or a fresh water well used for public or livestock consumption.

The BGT is not located within 200 feet of a spring or a fresh water well used for public or livestock consumption, as indicated on the attached aerial photograph (Figure 2) and iWaters print outs. The closest spring is located approximately 2,700 feet north of the BGT location.

(c) An operator shall not locate a Below Grade Tank where depth to groundwater is less than 25 feet from the bottom of the tank.

Depth to groundwater is estimated to be greater than 100 feet below the bottom of the BGT based on the following (refer to table below and Figure 3):

- Blanco Wash located ~2,700 feet N and ~191 feet lower in elevation.
- Chaco 2308 14E #151H located ~0.73 mi southwest and ~270 feet lower in elevation. The ground bed log reports depth to water at 135 feet bgs. (see enclosed ground bed log)
- Water well SJ 01334 located ~1.75 mi north-northwest and ~374 feet lower in elevation. The log reports depth to water at 40 feet bgs. (see enclosed iWaters print out)
- Chaco 2307 17H #163H located ~1.6 mi southeast and ~48 feet lower in elevation. The ground bed log reports depth to water at 112 feet bgs. (see enclosed ground bed log)
- NW Lybrook #143H located ~2.0 mi north-northwest and ~398 feet lower in elevation. The ground bed log reports depth to water at 82 feet bgs. (see enclosed ground bed log)

Source of GW Data	Latitude/Longitude	Legal Description	Elevation (ft)	Distance from BGT	Depth to Water (ft bgs)
Spring	N36.244365, W107.617030	N-7-23N-07W	7,131	2,700 ft N	
BlancoWash	N36.251145, W107.607702	6-23N-07W	7,027	5,726 ft NNE	
Cathodic Well Chaco 2308 14E #151H	N36.2315028, W107.6267262	E-14-23N-08W	7,045	0.73 mi SW	135
Water Well SJ 01334	N36.259948, W107.628849	1-23N-08W	6,948	1.75 miles NNW	40
Cathodic Well NE Chaco Com 2307 17H 163H	N36.2290156, W107.5893453	H-17-23N-07W	7,274	1.6 mi SE	112
Cathodic Well NW Lybrook #143H	N36.2649482, W107.6254206	P-36-24N-08W	6,924	2.0 mi NNW	82

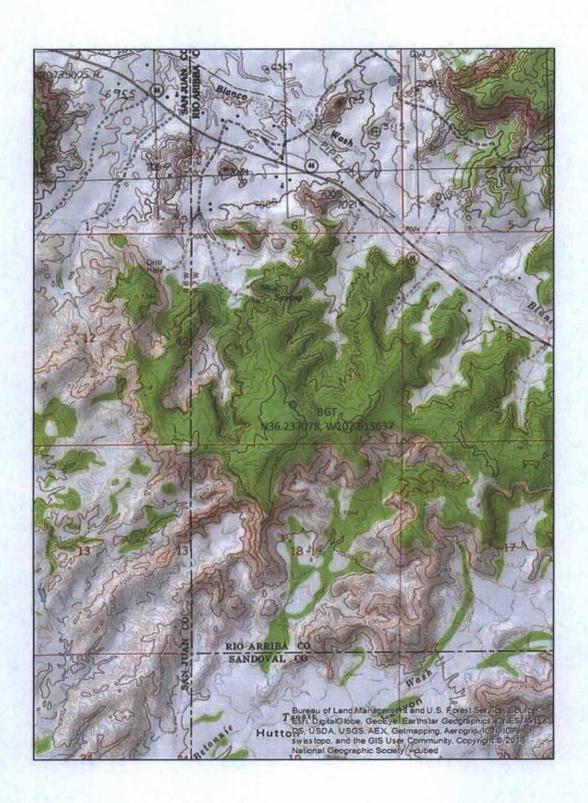


Figure 1
MC 8 Com Well Pad
Below Grade Tank
Section 07, Township 23N, Range 07W
N36.237078, W107.615637
Rio Arriba County, NM
Scale 1:24,000



Figure 2
MC 8 Com Well Pad
Below Grade Tank
Section 07, Township 23N, Range 07W
N36.237078, W107.615637
Rio Arriba County, NM

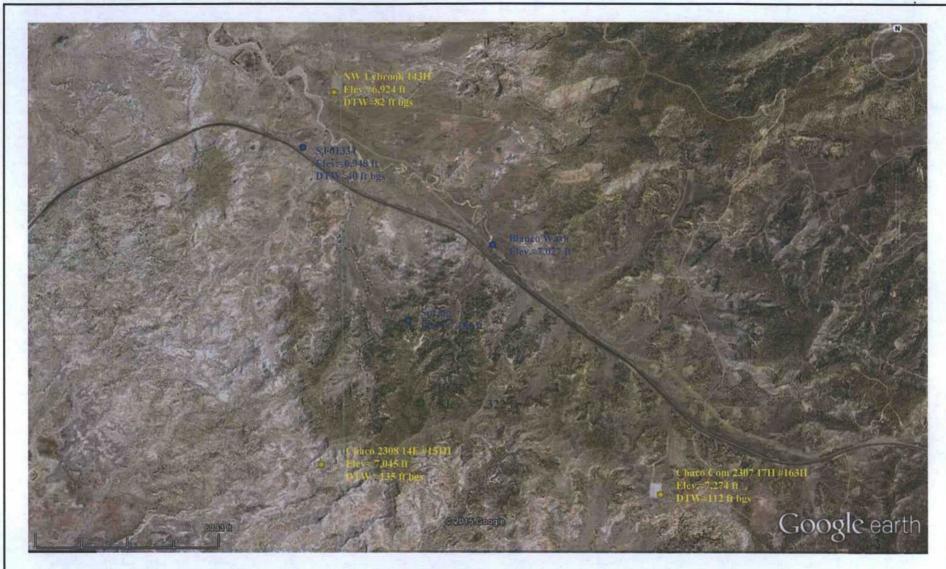


Figure 3
MC 8 Com Well Pad
Below Grade Tank
Section 07, Township 23N, Range 07W
N36.237078, W107.615637
Rio Arriba County, NM



New Mexico Office of the State Engineer Wells with Well Log Information

LW##### in the suffix indicates OD has been aced & no longer es a water right

(R=POD has been replaced, O=orphaned,

(quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

	POD			WE						SHOW SHAPE		NAC (CAL	THE BUILD OF THE STATE	
Number	Sub- Code basin County	Source	q q q 6416 4	Sec	Tws Rng	×	Y	Distance	Start Date	Finish Date	Log File Date	A CONTRACTOR	Depth Water Driller	License Number
1304	SJ	Shallow	2	01	23N 08W	263823	4015987*	2802	06/17/1984	06/20/1984	05/07/1987	100		917
1334	SJ	Shallow	2	01	23N 08W	263823	4015987*	2802	02/08/1981	02/13/1981	02/19/1981	90	40 JOHNNIE'S LUCKY "7" DRLG.	777
1335	RA		1	31	24N 07W	264672	4017581*	4172	02/14/1981	02/20/1981	02/24/1981	185	JOHNNIE'S LUCKY "7" DRLG.	777

ord Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 264941.67

Northing (Y): 4013417.29

Radius: 4830

VI location was derived from PLSS - see Help

data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, bility, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer Wells Without Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

		POD			q	q	q						A Stanting
POD Number	Code	Subbasin	County	Source	64	16	4	Sec	Tws	Rng	X	Y	Distance
SJ 00960 S-3			SJ	Shallow	2	4	3	36	24N	W80	263336	4016707*	3660
SJ 00960			SJ	Shallow	3	3	3	36	24N	W80	262730	4016518*	3808
SJ 00960 S-2			SJ	Shallow	3	2	3	36	24N	W80	263147	4016909*	3925
SJ 00870			SJ	Shallow		2	3	36	24N	W80	263248	4017010*	3971
SJ 00960 S			SJ		3	1	3	36	24N	W80	262744	4016920*	4135

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 264941.67 Northing (Y): 4013417.29 Radius: 4830

^{*}UTM location was derived from PLSS - see Help

Ground Bed Drilling Log

Company: WPX E	Energy Well: Chaco#151H	Date: 7-31-2014
Location: Sc14-723	State: New Mexico	Rig: Ston#1
Ground Bed Depth:	300' Water Depth: 135'	Diameter: 63/4
Fuel: 65 gal.	Latitude:	Longitude:
DEPTH	FORMATION	OTHER
0-20	Sand Stone, Shale, Sand w/ Shale w/ Sand	PUC
20-90	Sand Stone, Shale, Sand w/ Shale w/ Sand	
90-120	Sand Stone, Shale, Sand w/ Shale w/ Sand	
120-200	Sand Stone, Shale, Sand w/ Shale w/ Sand	
200-260	Sand Stone, Shale, Sand w/ Shale w/ Sand	>
260-300	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	*
	Sand Stone, Shale, Sand w/ Shale w/ Sand	***************************************
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	

		GROU	NDWATER DEPTH LOG					
Company:	WPX Energ	y	Location: Chaco 151 H					
Probe type	= Dwellive	U Some der						
	Time	Depth	Comments					
7-3014	11 am	401	Drilled 40					
	12 NOON	40'	test no water					
	12130	65.	Dilled 65',					
	1:15	105'	test No water					
	2 om	115	Drilled 115'					
	2:50	115'	test No water					
	5:00	300'	Sinished anode bed					
7-31-14	Jam	135	test water e 135'					
			finished anode bed					
	Fight	11111						

Ground Bed Drilling Log

Company: WPX E	nergy Well: Chaco#163H	Date: 10-14-2014
Location: Sec. 1772	3NR7W State: New Menico	Rig: Stou#1
Ground Bed Depth:	300' Water Depth: 112'	Diameter: 63/4
Fuel: 82 7al	Latitude:	Longitude:
DEPTH	FORMATION	OTHER
0-20	Sand Stone, Shale, Sand w/ Shale w/ Sand	Puc
20-100	Sand Stone, Shale, Sand w/ Shale w/ Sand	
100-140	Sand Stone, Shale, Sand w/ Shale w/ Sand	*
140-220	Sand Stone, Shale Sand w/ Shale w/ Sand	
226-300	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	•
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	-
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	-
1444	Sand Stone, Shale, Sand w/ Shale w/ Sand	

Company: WPX Energy Probe type: Powerwell Sounder			Location: Chaco 163H	
	Time	Depth	Comments	
10-14-14	11:50 am	40'	Prilled 40' set 20' PVC	
	1 pm	40'	test no water	
	1:30 pm	65'	Dulled 65'	
	2:30	65'	I test No water	
	4 pm	115'	Drilled to 115'	
	5 pm	115'	test water@112'	
1075-14	Tam	115'	water@112'	
	llam	300'	Amished anode bed	
		14		

Ground Bed Drilling Log

Company: WPX	Energy Well: Chaco 143 H	Date: 4-29 -2014
Location: Sec 36 T2	4NR8W State: New Mexico	Rig: Stony#/
Ground Bed Depth:_ Fuel:		Diameter: 63/4
	Latitude:	Longitude:
DEPTH	FORMATION	OTHER
0-60	Sand Stone, Shale, Sand w/ Shale w/ Sand	PUC
100-100	Sand Stone, Shale, Sand w/ Shale w/ Sand	
100-140	Sand Stone, Shale, Sand w/ Shale w/ Sand	
140-200	Sand Stone, Shale, Sand w/ Shale w/ Sand	
200-280	Sand Stone, Shale, Sand w/ Shale w/ Sand	
280-320	Sand Stone, Shale Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
-	Sand Stone, Shale, Sand w/ Shale w/ Sand	
•	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	

Company: WPX Energy Probe type: Powerfuell Sounder			Location: Chaco 143H	
4-28-14	1:30 pm	40'	Drilled 40'	
	2:30	40'	test no water	
	3'15	651	Drilled 65' set 60' PVC	
	4:30	651	Lost Water	
	5:00	115'	Drilled 115'	
4-29-14	Tam	1151	test watere 82'	
	Ilam	320'	finished anode bed	
	1-020			



WPX Energy Production, LLC requests the following variances:

- The BGT will be protected from run on by being installed upon a top felt rock shield with a overlay of 30 mil rubber liner attached to the sidewalls of the inside of the containment berm. The 30 mil rubber liner will provide equal and/or better protection in the prevention of contamination of fresh water and protecting public health and the environment. (See enclosed photo)
- 2. A 42 inch tall, 12 gauge coated metal steel fence will be constructed around the BGT to protect livestock/wildlife as specified by the federal Surface Management Agency or, if not federal land/minerals; which will provide equal and/or better protection of a fence while preventing contamination of fresh water, protecting public health and the environment. (See enclosed photo)
- If the surface owner is of public entity (i.e.: BLM) WPX Energy Production, LLC will
 notify by email the intent to close the BGT in place of a certified mail letter. WPX
 Energy Production, LLC will request a read receipt of the email which will be equal and/
 or equivalent notification as certified mail.

Thank you,

Deborah Watson

Environmental Specialist

Albach Water

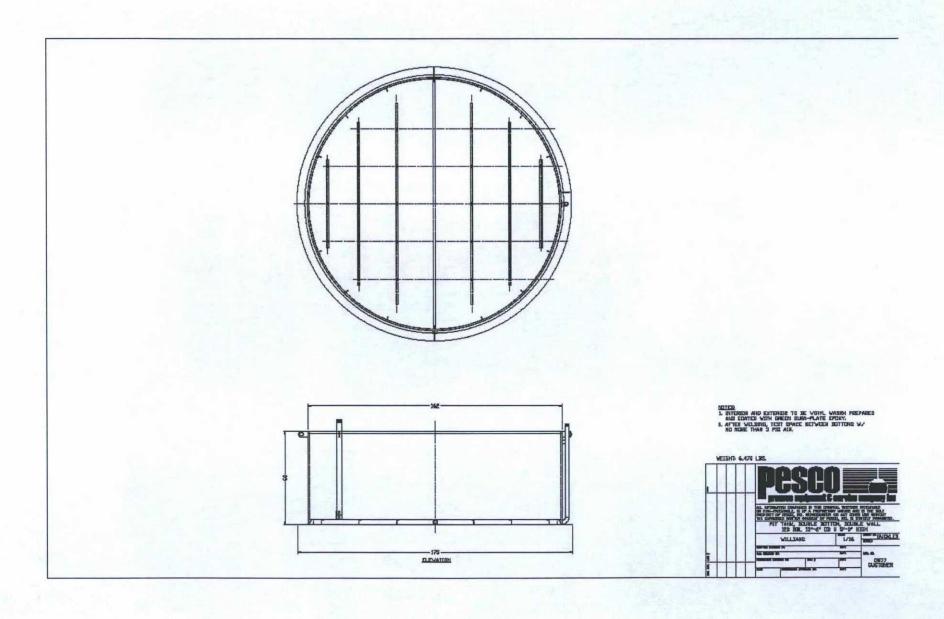
WPX Energy Company, LLC San Juan Basin: New Mexico Assets

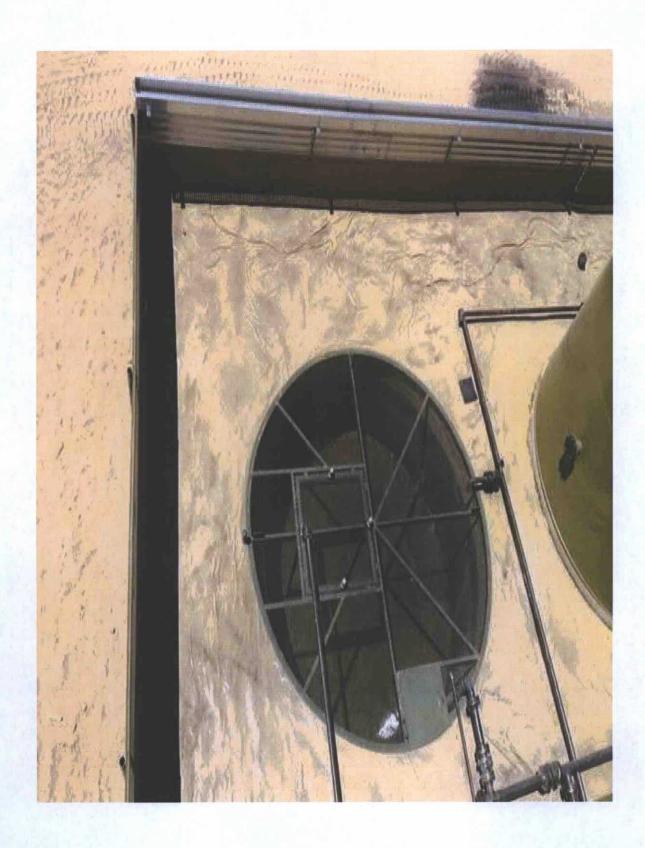
Production BGT: Buried Double-Wall Steel Tank Design and Construction Plan

In accordance with Rule 19.15.17 NMAC, the following plan describes the general design and construction (D&C) of Below Grade Tanks (BGT) using buried double-wall steel tanks on WPX Energy Co, LLC (WPX) locations in the San Juan Basin of New Mexico. For those BGT which do not conform to this standard plan, a separate well-specific D&C plan will be developed and utilized.

General Plan Requirements:

- WPX will post a well sign in accordance with the federal Surface Management Agency and rule NMAC 19.15.17.11.C
- As a variance a 42 inch tall, 12 gauge coated metal steel "Fence" will be constructed around the BGT to protect livestock/wildlife as specified by the federal Surface Management Agency or, if not federal land/minerals, NMOCD rule 17 requirements. See Attached Design/photo.
- 3. The buried BGT will be constructed of steel with double-walls and double-bottom, welded following appropriate API and industry codes, coated with an epoxy based paint, covered with a steel #9 mesh screen, and equipped with an EFM to monitor high liquid levels and automatically shut off liquid discharges. A solid riser pipe will be installed between the interstitial spaces of the double-walls to allow monthly inspection to determine tank integrity.
- 4. WPX will design and construct a BGT to contain liquids associated with the dehydration and compression of produced natural gas, which will be resistant to ultra violet light and the contents of the tank to prevent contamination of fresh water resources and protect public health and the environment.
- The BGT foundation will be level and free of rocks, debris, sharp edges or irregularities and have a firm compacted bottom and sidewalls that are stable for the soil conditions.
- The BGT will be protected from run on by being installed within the impervious secondary containment provided by the AST tanks on location. See attached Design (Same as Fence)
- 7. The BGT will be placed in the excavation such that there is 30 mil rubber liner overlay between the surrounding soils and the tank top see attached design.
- 8. A solid riser pipe will be installed to allow withdrawal of liquids by suction. The riser will draw from the bottom of the BGT, capped when not in use and sloped to the BGT to allow drainage of liquids not collected during withdrawal operations.









WPX Energy Company, LLC San Juan Basin: New Mexico Assets

Production BGT: Buried Double-Wall Steel Tank Operations and Maintenance Plan

In accordance with Rule 19.15.17 NMAC, the following plan describes the general operations and maintenance (O&M) of production Below Grade Tanks (BGT) on WPX Energy Co, LLC (WPX) locations in the San Juan Basin of New Mexico. For those BGT which do not conform to this standard O&M plan, a separate well specific O&M plan will be developed and utilized.

- WPX will inspect the BGT monthly for leaks and damage. Electronic copies of the inspections will be kept at the WPX San Juan Basin office for a minimum of five years following completion. Copies of the inspections will be available to NMOCD upon request.
- Any oil or hydrocarbon collecting on the BGT will be removed. Saleable condensate will be returned to the sales tank. Slop oil from compression will be recycled with Safety Kleen, Farmington, NM or Hydropure, Aztec, NM (No Permit Required).
- WPX will only allow produced liquids meeting the RCRA exemption for O&G wastes to be stored in the BGT. WPX will not discharge or store any hazardous waste as defined under RCRA 40CFR 261 and 19.15.2.7.H.3 NMAC in any BGT.
- 4. WPX shall maintain sufficient freeboard for to prevent overflow. Discharges to the BGT will be shutoff automatically if the high-level alarm is triggered from the EFM or manually if the EFM is not functional.
- The Steel fencing around the perimeter of the BGT shall be maintained as protection from run-on.
- 6. Produced water will be disposed by evaporation or transport any of the following NMOCD approved facilities depending on the well location: Basin Disposal, Inc in Bloomfield, New Mexico (Permit # NM-01-005), WPX Energy Rosa SWD#1 (Permit # SWD-916), WPX Energy Rosa #94 (Permit # SWD-758), Burlington Resources Jillson SWD#1 (Permit #R10168A), or other NMOCD approved water disposal facilities.
- 7. If the tank integrity is compromised:
 - a. All discharges will be shut off to the BGT.
 - All liquids will be removed as soon as possible but no later than 24 hours after discovery.
 - c. WPX will notify and report to NMOCD in accordance to 19.15.29 NMAC and all other applicable agency's as require.

WPX Energy Company, LLC San Juan Basin: New Mexico Assets

Production BGT: Buried Double-Wall Steel Tank Closure Plan

In accordance with Rule 19.15.17.13 NMAC, the following plan describes the general closure requirements of below-grade tanks (BGT) on WPX Energy Co, LLC (WPX) locations in the San Juan Basin of New Mexico. This is WPX's standard closure procedure for all BGTs regulated under Rule 19.15.17 NMAC and operated by WPX. For those closures which do not conform to this standard closure plan, a separate BGT specific closure plan will be developed and utilized.

Closure Conditions and Timing for BGT:

- Within 60 days of cessation of operation WPX will:
 - Remove all liquids and sludge and dispose in a division approved manner
- Within 72 Hrs or 1 week prior to closure WPX will:
 - Give notice to Surface owners by certified mail. For public entities by email as specified on the variance page.
 - o Give notice to District Division verbally and in writing/email
- Within 6 months of cessation of operation WPX will:
 - Remove BGT and dispose, recycle, reuse, or reclaim in a division approved manner
 - Remove unused onsite equipment associated with the BGT
- Within 60 Days of Closure WPX will:
 - o Send the District Division a Closure Report per 19.15.17.13.F

General Plan Requirements:

- Prior to initiating any BGT Closure except in the case of an emergency, WPX will notify
 the surface owner of the intent to close the BGT by certified mail no later than 72 hours
 or 1 week before closure and a copy of this notification will be included in the closure
 report. In the case of an emergency, the surface owner of record will be notified as soon
 as practical.
- Notice of Closure will be given to the Aztec District office between 72 hours and one
 week of the scheduled closure via email or phone. The notification of closure will
 include the following:
 - a. Operators Name (WPX)
 - b. Well Name and API Number
 - c. Location (USTR)
- 3. All liquids will be removed from the BGT following cessation of operation. Produced water will be disposed at an NMOCD approved facility depending on the proximity of the BGT site. Facilities may include: Rosa Unit SWD #1 (Order: SWD-916, API: 30-039-27055), Rosa Unit #94 (Order: SWD-3RP-1003-0, API: 30-039-23035), Jillson Fed. SWD #001 (Order: R10168/R10168A, API: 30-039-25465), Middle Mesa SWD #001 (Order: SWD-350-0, API: 30-045-27004) and/or Basin Disposal (Permit: NM-01-0005).
- Solids and sludge's will be shoveled and /or vacuumed out for disposal at Envirotech (Permit Number NM-01-0011) or Industrial Ecosystems Inc (Permit Number NM-01-0010B).

- 5. WPX will obtain prior approval from NMOCD to dispose, recycle, reuse, or reclaim the BGT and provide documentation of the disposition of the BGT in the closure report. Steel materials will be recycled or reused as approved by the Division. Fiberglass tanks will be empty, cut up or shredded, and EPA cleaned for disposal as solid waste. Liners materials will be cleaned without soils or contaminated material for disposal as solid waste. Fiberglass tanks and liner materials will meet the conditions of 19.15.35 NMAC. Disposal will be at a licensed disposal facility, such as San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426.
- 6. Any equipment associated with the BGT that is no longer required for some other purpose, following the closure will be removed from the location.
- 7. Following removal of the tank and any liner material, WPX will test the soils beneath the BGT as follows:
 - a. At a minimum, a five-point composite sample will be taken to include any obvious stained or wet soils or any other evidence of contamination.
 - The laboratory sample shall be analyzed for the constituents listed in Table I of 19.15.17.13

Depth below bottom of pit to groundwater less than 10,000 mg/1 TDS	Constituent	Method	Limit
	Chloride	EPA 300.0	600 mg/kg
≤50 feet	TPH	EPA SW-846 Method 418.1	100 mg/kg
	BTEX	EPA SE-846 Method 8021B or 8015M	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg

Depth below bottom of pit to groundwater less than 10,000 mg/1 TDS	Constituent	Method	Limit
51 feet-100 feet	Chloride	EPA 300.0	10,000 mg/kg
	TPH	EPA SW-846 Method 418.1	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SE-846 Method 8021B or 8015M	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg



Depth below bottom of pit to groundwater less than 10,000 mg/1 TDS	Constituent	Method	Limit
100.70	Chloride	EPA 300.0	20,000 mg/kg
	TPH	EPA SW-846 Method 418.1	2,500 mg/kg
>100 feet	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SE-846 Method 8021B or 8015M	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg

(1) Or other test methods approved by the division

(2) Numerical limits or natural background level, whichever is greater (19.15.17.13 MAC-Ro, 19.15.17.13 NMAC 3/28/2013)

- 8. If the Division and/or WPX determine there is a release, WPX will comply with 19.15.17.13.C.3b.
- 9. Upon completion of the tank removal, the excavation will be backfilled with non-waste earthen material compacted and covered with a minimum of one foot of top soil or background thickness whichever is greater and to existing grade. The surface will be recontoured to match the native grade and prevent ponding.

For those portions of the former BGT area no longer required for production activities, WPX will seed the disturbed areas the first favorable growing season after the BGT is covered. Seeding will be accomplished via drilling on the contour whenever practical, or by other Division-approved methods. WPX will notify the Division when reclamation and re-vegetation is complete.

Reclamation of the BGT shall be considered complete when:

- a. Vegetative cover reflects a life form ratio of +/- 50% of pre disturbance levels
- b. Total percent plant cover of at least 70% of pre-disturbance levels (Excluding noxious weeds)

OR

- c. Pursuant to 19.15.17.13.H.5d WPX will comply with obligations imposed by other applicable federal or tribal agencies in which their re-vegetation and reclamation requirements provide equal or better protection of fresh water, human health and the environment.
- For those portions of the former BGT area required for production activities, reseeding will be done at well abandonment, and following the procedure noted above.

Closure Report:

All closure activities will include proper documentation and will be submitted to OCD within 60 days of the BGT closure on a Closure Report using Division Form C-144. The Report will include the following:

- Proof of Closure Notice (surface owner & NMOCD)
- Backfilling & Cover Installation
- Confirmation Sampling Analytical Results
- Disposal Facility Name(s) and Permit Number(s)
- Application Rate & Seeding techniques
- Photo Documentation of Reclamation