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

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

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide acceptation to the santa Fe Environmental Bureau office and provide acceptance to the propriate NMOCD. provide a copy to the appropriate NMOCD District Office.

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Pit, Closed-Loop System, Below-Grade Tank, or

algo	Proposed Alternative Method Permit or C	Josure Plan Application
· • • • • • • • • • • • • • • • • • • •	Type of action: Permit of a pit, closed-loop system, below-g Closure of a pit, closed-loop system, below- Modification to an existing permit Closure plan only submitted for an existing below-grade tank, or proposed alternative method	
Instruct	tions: Please submit one application (Form C-144) per individual pit, clo	sed-loop system, below-grade tank or alternative request
	that approval of this request does not relieve the operator of liability should operator approval relieve the operator of its responsibility to comply with any other	
i. Operator:	WPX Energy Production Co. LLC OGR	ID#: 120782
	PO Box 640 / 721 S Main Aztec, NM 87410	
	name: Rosa Unit 209A	
	30-039-27699 OCD Permit Number:	,
	O Section 24 Township 31N Range	
	sed Design: Latitude 36.88085 Longitude	,
Surface Owner		
2.		
☑ <u>Pit</u> : Subse	ction F or G of 19.15.17.11 NMAC	RCVD AUG 14'12
Temporary: 🛛	Drilling ^¹ ⊠ Workover	OIL CONS. DIV.
Permanent [☐ Emergency ☐ Cavitation ☐ P&A	DIST. 3
	fulfined Lineartimes Thioliness 20 mil MILIPER TIERE	
☑ Linea ☐ U	Inlined Liner type: Thickness <u>20</u> mil 🛮 LLDPE 🗌 HDPE 🗀	PVC U Other
String-Reinfo		PVC U Other
String-Reinf		
String-Reinfi Liner Seams	Forced Welded Factory Other Volume: 15,71	
String-Reinfe Liner Seams 3. Closed-loop	System: Subsection H of 19.15 17.11 NMAC	4_bbl Dimensions: Get from Plats L 140', x W 55', x D 12'
String-Reinfolding String-Reinfolding Seams 3. Closed-loop Type of Operation	Forced Welded Factory Other Volume: 15,71	4_bbl Dimensions: Get from Plats L 140', x W 55', x D 12'
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent)	System: Subsection H of 19.15 17.11 NMAC	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad	Forced Welded ☐ Factory ☐ Other Volume: 15,71 System: Subsection H of 19.15 17.11 NMAC on ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad Lined Un	Forced Welded ⊠ Factory □ Other Volume: 15.71 System: Subsection H of 19.15 17.11 NMAC on □ P&A □ Drilling a new well □ Workover or Drilling (Applies to □ Above Ground Steel Tanks □ Haul-off Bins □ Other	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad Lined Un	Forced Welded ☐ Factory ☐ Other Volume: 15,71 System: Subsection H of 19.15 17.11 NMAC on ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other nlined Liner type: Thickness mil ☐ LLDPE ☐ HDPE	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad Lined Un Liner Seams: 4. Below-grade	Welded ☐ Factory ☐ Other Volume: 15.71 System: Subsection H of 19.15 17.11 NMAC on ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other ☐ clined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ Welded ☐ Factory ☐ Other	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of E PVC Other
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad Lined Un Liner Seams: 4. Below-grade	Forced Welded ☐ Factory ☐ Other Volume: 15,71 System: Subsection H of 19.15 17.11 NMAC on ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other ☐ clined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ Welded ☐ Factory ☐ Other	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of E PVC Other
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad Lined Un Liner Seams: 4. Below-grade Volume	Welded ☐ Factory ☐ Other Volume: 15.71 System: Subsection H of 19.15 17.11 NMAC on ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other ☐ clined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ Welded ☐ Factory ☐ Other	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of E PVC Other
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad Lined Un Liner Seams: 4. Below-grade Volume Tank Construction	Welded ☐ Factory ☐ Other Volume: 15,71 System: Subsection H of 19.15 17.11 NMAC on ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other ☐ clined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ Welded ☐ Factory ☐ Other Bubsection I of 19.15.17.11 NMAC bbl Type of fluid:	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of E PVC Other
String-Reinfe Liner Seams Closed-loop Type of Operation intent) Drying Pad Lined Un Liner Seams: Below-grade Volume Tank Constructi Secondary of Visible side	Welded Factory Other Volume: 15,71 System: Subsection H of 19.15 17.11 NMAC on P&A Drilling a new well Workover or Drilling (Applies to Above Ground Steel Tanks Haul-off Bins Other Illined Liner type: Thickness mil LLDPE HDPE Welded Factory Other etank: Subsection I of 19.15.17.11 NMAC bbl Type of fluid: containment with leak detection Visible sidewalls, liner, 6-inch lift and covalls and liner Visible sidewalls only Other	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of E PVC Other automatic overflow shut-off
String-Reinfe Liner Seams Closed-loop Type of Operation intent) Drying Pad Lined Un Liner Seams: Below-grade Volume Tank Constructi Secondary of Visible side	Welded ☐ Factory ☐ Other Volume: 15.71 System: Subsection H of 19.15 17.11 NMAC on ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other ☐ clined Liner type: Thickness mil ☐ LLDPE ☐ HDPE ☐ Welded ☐ Factory ☐ Other etank: Subsection I of 19.15.17.11 NMAC ☐ bbl Type of fluid: ☐ on material: ☐ containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of E PVC Other automatic overflow shut-off
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad Lined Un Liner Seams: 4. Below-grade Volume Tank Constructi Secondary of Visible side Liner type: Thick	Welded Factory Other Volume: 15.71 System: Subsection H of 19.15 17.11 NMAC on: P&A Drilling a new well Workover or Drilling (Applies to Above Ground Steel Tanks Haul-off Bins Other lined Liner type: Thickness mil LLDPE HDPE Welded Factory Other e tank: Subsection I of 19.15.17.11 NMAC	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of E PVC Other automatic overflow shut-off
String-Reinfe Liner Seams 3. Closed-loop Type of Operation intent) Drying Pad Lined Un Liner Seams: 4. Below-grade Volume Tank Constructi Secondary of Visible side Liner type: Thice 5. Alternative	Welded Factory Other Volume: 15.71 System: Subsection H of 19.15 17.11 NMAC on: P&A Drilling a new well Workover or Drilling (Applies to Above Ground Steel Tanks Haul-off Bins Other lined Liner type: Thickness mil LLDPE HDPE Welded Factory Other e tank: Subsection I of 19.15.17.11 NMAC	4_bbl Dimensions: Get from Plats L 140' x W 55' x D 12' activities which require prior approval of a permit or notice of PVC Other automatic overflow shut-off

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, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify As per BLM specifications	hospital,		
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)			
8. 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 19.15.3.103 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: Administrative approval(s) Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau consideration of approval. Exception(s) Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for		
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 ⊠ No		
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 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No ☐ NA		
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☑ NA		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No		
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality, Written approval obtained from the municipality	☐ Yes ⊠ No		
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ 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		

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment 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 (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19 15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15 17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15 17.11 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15.17.9 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19 15.17.9 NMAC Previously Approved Operating and Maintenance Plan API Number: (Applies only to closed-loop system that use
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
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 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 H ₂ S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements of Subsection C of 19 15.17.9 NMAC and 19 15.17.13 NMAC
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan. Type: □ Drilling □ Workover □ Emergency □ Cavitation □ P&A □ Permanent Pit □ Below-grade Tank □ Closed-loop System □ Alternative Proposed Closure Method: □ Waste Excavation and Removal □ Waste Removal (Closed-loop systems only) □ 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 (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Protocols and Procedures - based upon the appropriate requirements of 19.15.17 13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19 15 17.13 NMAC

Steel Tanks or Haul-off Bins Only: (19.15 17.13 I illing fluids and drill cuttings. Use attachment if m	
Disposal Facility Permit Number:	
cur on or in areas that will not be used for future serv	vice and operations?
requirements of Subsection H of 19.15.17.13 NMAO I of 19.15.17.13 NMAC	C
e administrative approval from the appropriate distr Bureau office for consideration of approval. Justi	rict office or may be
obtained from nearby wells	☐ Yes ☑ No ☐ NA
obtained from nearby wells	☐ Yes ⊠ No ☐ NA
obtained from nearby wells	⊠ Yes □ No □ NA
nificant watercourse or lakebed, sinkhole, or playa	☐ Yes ☑ No
	☐ Yes ⊠ No
oring, in existence at the time of initial application.	☐ Yes ☒ No
•	☐ Yes ⊠ No
ll inspection (certification) of the proposed site	☐ Yes ⊠ No
and Mineral Division	☐ Yes ☒ No
& Mineral Resources; USGS; NM Geological	☐ Yes ☑ No
	☐ Yes ☒ No
uirements of 19.15.17 10 NMAC Subsection F of 19.15.17.13 NMAC propriate requirements of 19.15.17.11 NMAC ad) - based upon the appropriate requirements of 19. 5.17.13 NMAC uirements of Subsection F of 19 15.17.13 NMAC Subsection F of 19.15.17.13 NMAC rill cuttings or in case on-site closure standards cann H of 19 15.17.13 NMAC I of 19.15.17.13 NMAC	15.17.11 NMAC
	Steel Tanks or Haul-off Bins Only: (19.15 17.13 In tilling fluids and drill cuttings. Use attachment if m Disposal Facility Permit Number: Disposal Facility Permit Number: Cur on or in areas that will not be used for future servers requirements of Subsection H of 19.15.17.13 NMAC on G of 19.15.17.13 NMAC on G of 19.15.17.13 NMAC on G of 19.15.17.13 NMAC Closure plan. Recommendations of acceptable source administrative approval from the appropriate distributes an obtained from nearby wells an inficant watercourse or lakebed, sinkhole, or playa in existence at the time of initial application. Eximage is than five households use for domestic or stock pring, in existence at the time of initial application. Certification) of the proposed site or well field covered under a municipal ordinance all obtained from the municipality all inspection (certification) of the proposed site or well field covered under a municipal ordinance all obtained from the municipality all inspection (certification) of the proposed site of the

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 belief.
Name (Print): Ben Mitchell Title. Regulatory Specialist
Signature: Date
e-mail address: ben mitchell@wpxenergy.com Telephone: 505-333-1806
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 21572012
Title: Compliance Voltice Voltice OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 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. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.
☐ Closure Completion Date:6/21/2012
22. Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain.
23. Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.
Disposal Facility Name: Disposal Facility Permit Number:
Disposal Facility Name Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Yes (If yes, please demonstrate compliance to the items below) No
Required for impacted areas which will not be used for future service and operations. 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 items must be attached to the closure report. Please indicate, by a check 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) 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) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude
Operator Closure Certification:
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print): Ben Mitchell Title: Regulatory Specialist
Signature:
e-mail address: ben.mitchell@wpxenergy.com Telephone: 505-333-1806

WPX Energy Production Co., LLC San Juan Basin: New Mexico Assets

Temporary Pit In-place (50-100 ft to Groundwater) Closure Report Drilling/Completion and Workover

 Well:
 Rosa Unit #209A

 API No:
 30-039-27699

Location: O-S24-T31N-R06W, NMPM

In accordance with Rule 19.15.17.13 NMAC, the following plan describes the general in-place closure requirements of temporary pits on WPX Energy locations in the San Juan Basin of New Mexico. This is WPX's standard procedure for all temporary pits to be utilized for the drilling, completion and/or workovers of oil and gas wells operated by WPX. For those temporary pits which do not conform to this standard closure plan, a separate well/pit specific closure plan will be developed and utilized.

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

- Details on Capping and Covering, where applicable
- Plot Plan (Pit Diagram)
- Inspection reports
- Sampling Results
- Division Form C-105: WELL COMPLETION OR RECOMPLETION REPORT AND LOG
- Copy of Deed Notice filed with the County Clerk (format to meet County requirements)
 <u>A deed notice is not required on state, federal or tribal land according to NMOCD FAQ</u>
 dated October 30, 2008 and posted on the NMOCD website.

General Plan Requirements:

1. All free standing liquids will be removed from the pit at the start of the closure process. Liquids will be removed in a manner that the appropriate District Office approves including; recycled, reused, reclaimed, evaporated, and/or disposed of in a Division-approved facility. Once all free liquids are removed, the sludge will be stabilized by one of the following methods depending on equipment availability: blending with clean stockpiled soils or dewatering using a Bowl Decanter Centrifuge then blending with clean stockpiles soils.

<u>To the extent practical, free liquids were pulled from the reserve pit following the completion rigoff.</u> Haul dates were from 5/24/2012 to SWD #002 API # 30-039-3081 Order – SWD-1236).

2. The preferred method of closure for all temporary pits will be on-site closure by in-place burial, provided all the criteria in 19.15.17.13.B are met.

On-site burial plan for this location was approved by the Aztec District Office on 10/31/2011

- The surface owner shall be notified of WPX's proposed closure plan using a means that
 provides proof of notice (i.e. certified mail/return receipt requested)
 WPX notified the SMA of its intent to use a temporary pit and onsite burial in the Surface Use Plan in
 the well APD. The SMA was notified by email see attached. No return receipt required per
 BLM:FFO/NMOCD MOU dated 5/4/09.
- 4. Within six months of the "rig-off" status occurring WPX will ensure that the temporary pit is covered, re-contoured and reseeding in progress.

<u>Drill rig-off 5-20-2012 Completion rig-off 6/11/2012 Pit covered 6/21/2012 Pit area along with unused portions of well pad to be interim reclaimed in accordance with Surface Management Agency requirements in APD-COAs and per BLM:FFO/NMOCD MOU dated 5/4/09.</u>

- 5. 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)

The Aztec District Office of NMOCD was notified by email using a format acceptable to the District. Copies of the notification from Abode Contractors on 6/15/2012 is attached.

6. The pit liner shall be removed above "mud level" after stabilization. Removal of the liner will consist of manually or mechanically cutting the liner at the mud level and removing all

Page 7 of 9 Rosa Unit 209A

remaining liner. Care will be taken to remove "all" of the liner (I.e. anchored material). All excessive liner will be disposed of at a licensed disposal facility (probably San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426).

The liner to the temporary pit was removed above the "mud level" once stabilized. Removal of the liner consisted of manually cutting the liner and removing all remaining liner material above the "mud level" including the anchor material. All excessive liner was disposed of at the San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426.

7. The shallow surface soils of the unlined flare/cavitation pit will be scrapped and placed in the lined pit. A five-point composite sample will be taken of the pit using sampling tools and all samples tested per 19.15.17.13(B)(1)(b) NMAC. In the event that the criteria are not met (See Table 1), a release will be reported to NMOCD in compliance with Rule 116 and additional soil removal will be done until closure criteria are met.

A five-point composite sampling was taken of the flare pit area using sampling tools and the sample was tested per 19.15.17.13(B)(1)(b) NMAC. Results are shown in Table 1 and lab reports are attached.

8. Solidification of the remaining pit contents shall be achieved by mixing non-waste containing, earthen material. The solidification process will be accomplished use a combination of natural drying and mechanical mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed safe and stable. The mixing ratio shall not exceed 3 parts non-waste to 1 part pit contents.

Following removal of free liquids, the pit contents were mixed with non-waste containing, earthen material in order to achieve appropriate solidification and a consistency that was deemed safe and stable. The solidification process was accomplished using a combination of natural drying, and mechanically mixing using a dozer and trackhoe. The mixing ration was approximately 2.5-3 parts native soil to 1 part pit contents. Solidification was completed (6-18-2012)

9. A five-point composite sample will be taken of the pit using sampling tools and all samples tested per 19.15.17.13(B)(1)(b) NMAC. In the event that the criteria are not met (See Table 1), all contents will be handled per 19.15.17.13(B)(1)(a) (i.e. dig and haul to a Division-approved facility). Approval to haul will be requested of the Aztec District office prior to initiation.

A five-point composite sampling was taken of the pit area using sampling tools and the sample was tested per 19.15.17.13(B)(1)(b) NMAC. Results are shown in Table 1 and lab reports are attached.

Table 1: Closure Criteria for Temporary Pits in Non-sensitive Areas with Groundwater Between 50-100 bas.

	9		
Components	Testing Methods	Limits (mg/Kg)	Pit (mg/Kg)
Benzene	EPA SW-846 Method 8021B or 8260B	0.2	ND
BTEX	EPA SW-846 Method 8021B or 8260B	50	.0015
TPH	EPA SW-846 Method 418.1	2500	39.7
GRO/DRO	EPA SW-846 Method 8015M (GRO/DRO)	500	ND
Chlorides	EPA SW-846 Method 300.1	500	60

10. Upon completion of solidification and testing, the pit area will be backfilled with non-waste earthen material compacted to native conditions to enable effective re-vegetation for successful evapotranspiration. A minimum of four feet of cover including replacement of one foot of suitable material to establish vegetation, or the background thickness of topsoil, whichever is greater.

Upon completion of solidification and testing, the pit area was backfilled with non-waste earthen material compacted to native conditions. A minimum of four feet of cover to the extent practical was achieved and the cover included just over a foot of topsoil suitable to establish vegetation.

11. Following cover, the site will be re-contoured to meet the Surface Management Agency or surface owner requirements. Re-contouring will attempt to match fit, shape, line form, and texture of the surrounding geography. Re-shaping will include drainage control, prevent ponding, and minimize erosion. Natural drainages will be unimpeded and stormwater Best Management Practices (BMPs) will be used to aid in soil stabilization and protection surface water quality.

Following cover, WPX reestablished drainage and contours to approximately match previous topography meeting the Conditions of Approval in the APD .. Cover and re-contouring were completed 6/21/2012

12. Notification will be sent to the Aztec District office when the reclaimed area is seeded. WPX will comply with Surface Management Agency reseeding requirements in the COAs of the APD for the referenced well, per BLM:FFO/NMOCD MOU dated 5/4/09.

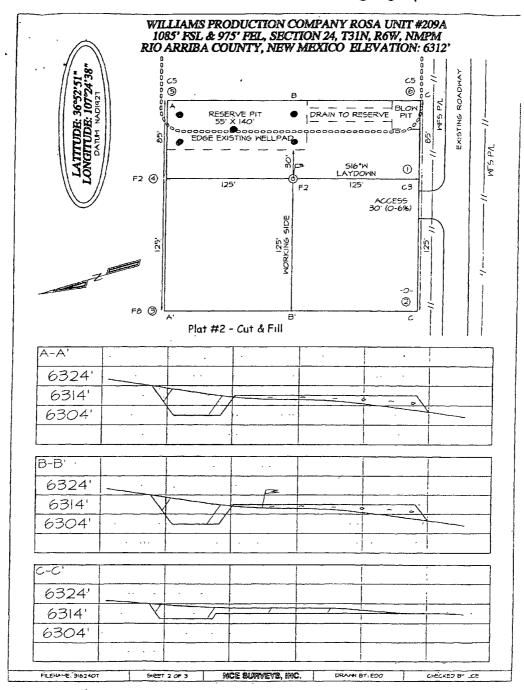
13. WPX shall seed the disturbed areas the first growing season after the pit is covered. Seeding will be accomplished via drilling on the contour whenever practical, or by other Division-approved methods. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintained that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs. Note: WPX assumes the seeding stipulations including mix and seeding methods specified by the Surface Management Agency (BLM, BOR, USFS, Tribal, etc.) or Land owner as part of a surface use agreement or APD are Division-approved methods unless notified by the Division of their unacceptability.

WPX will comply with Surface Management Agency reseeding requirements in the COAs of the APD for the referenced well, per BLM:FFQ/NMOCD MOU dated 5/4/09.

14. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the on site burial upon the abandonment of all wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the on site burial of the temporary pit. The plate will be easily removable and a four-foot tall riser will be threaded into the top of the collar marker and welded around the base with the operations information at the time of all wells on the pad abandoned. The information will include Operator Name, Lease Name, Well Name, and number, USTR, and an indicator that the marker is an onsite pit burial location.

The temporary pit was located with a steel marker meeting the above listed specifications. The marker has the following information welded for future reference: WPX Energy, O 24-T31N-R06W-"In-Place Burial" (photo attached). Steel marker set 6/24/2012

Page 9 of 9 Rosa Unit 209 A





Report Summary

Client: WPX

Chain of Custody Number: 14959

Samples Received: 06-29-12

Job Number: 04108-0136

Sample Number(s): 62493

Project Name/Location: Rosa Unit #209A

Entire Report Reviewed By: Acretyazza Date: 07-09-12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	07-03-12
Laboratory Number:	62493	Date Sampled:	06-27-12
Chain of Custody No:	14959	Date Received:	06-29-12
Sample Matrix:	Soil	Date Extracted:	07-02-12
Preservative:	Cool	Date Analyzed:	07-03-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments: Rosa Unit # 209A



Ph (505) 632-0615 - Fx (505) 632-1865

envirotech-inc.com laboratory@envirotech-inc.com



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

% Recovery

113%

107%

Accept. Range

75 - 125%

75 - 125%

Client:	QA/QC		Project #:		N/A
Sample ID:	0703TCAL QA	/QC	Date Reported:		07-03-12
Laboratory Number:	62493		Date Sampled:		N/A
Sample Matrix:	Methylene Chl	oride	Date Received	:	N/A
Preservative:	N/A		Date Analyzed	:	07-03-12
Condition:	N/A		Analysis Reque	ested:	TPH
	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	07-03-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%
Diesel Range C10 - C28	07-03-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%
Blank Conc. (mg/L - mg/l	(g)	Concentration	•	Detection Limit	
Gasoline Range C5 - C10		ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbon	s	ND			
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range)
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%	
Diesel Range C10 - C28	ŃĐ	ND	0.0%	0 - 30%	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Was

250

250

Spike Added Spike Result

282

266

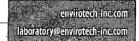
SW-846, USEPA, December 1996.

Sample

ND

ND

Comments: QA/QC for Samples 62493-62494 and 62503-62505.



Spike Conc. (mg/Kg)

Gasoline Range C5 - C10

Diesel Range C10 - C28



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	07-05-12
Laboratory Number:	62493	Date Sampled:	06-27-12
Chain of Custody:	14959	Date Received:	06-29-12
Sample Matrix:	Soil	Date Analyzed:	07-03-12
Preservative:	Cool	Date Extracted:	07-02-12
Conditión:	Intact	Analysis Requested:	BTEX
		Dilution:	50

	Dilation.	50
		Det.
	Concentration	Limit
Parameter	(ug/Kg)	(ug/Kg)
Benzene	ND	10.0
Toluene	15.5	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	15.5	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	81.5 %
	1,4-difluorobenzene	87.9 %
	Bromochlorobenzene	84.1 %

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846

USEPA, December 1996.

Comments: Rosa Unit #209A





EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	F	Project #:	.N/	'A			
Sample ID:	0703BCAL QA/QC		Date Reported:	07-05-12				
Laboratory Number:	62504		Date Sampled:	N	'A			
Sample Matrix:	Soil		Date Received:		′ A			
Preservative:	N/A		Date Analyzed:		07-03-12			
Condition:	N/A		Analysis:		TEX			
emprovemble and a figure of the first of the	The second secon		Dilution:	50	an Charles (Arthur Mhhallas Arthushar an Iorean I			
Calibration, and	Gal RE	C-Cal RF:	%Diff.	Blank	Detect.			
Detection Limits (ug/L)		ccept. Range 0-15%		Cònc -	Limit			
STORY TO THE METERS I GRANDERS STEELS ON THE WIND A STEEL MARKS TO A 27	THE STATE OF THE SERVICES	and the state of t	hwa, i kwiye da siw	ur hi haddent is a hizar ariserian	\$95. \$ 12 houses \$50.00 \$ 11 hou his 1 y			
Benzene	6 6898E-06	6.6898E-06	0.000	ND	0.2			
Toluene	6.7724E-06	6.7724E-06	0.000	ND	0.2			
Ethylbenzene	7.7670E-06	7.7670E-06	0.000	ND	0.2			
p,m-Xylene	5.7065E-06	5.7065E-06	0.000	ND	0.2			
o-Xylene	8.3153E-06	8.3153E-06	0.000	ND	0.2			
Duplicate Conc. (ug/Kg) Benzene Toluene Ethylbenzene	ND 23.4 ND	Duplicate ND 22.1	0.00 0.06 0.00	0 - 30% 0 - 30% 0 - 30%	Detect Limit / 10 10 10 10			
p,m-Xylene	ND	ND	0.00	0 - 30%	10			
o-Xylene	15.3	11.4	0.25	0 - 30%	10			
Spike Conc. (ug/Kg)	Sample S	Amount Spiked	Spiked Sample.	% Recovery	Accept Range			
Benzene	ND	2500	2650	106	39 - 150			
Tolueñe	23.4	2500	2650	105	46 - 148			
~Ethylbenzene	ND	2500	2600	104	32 - 160			
p,m-Xylene	ND	5000	5130	103	46 - 148			
o-Xylene	15.3	2500	2600	103	46 - 148			
O-Aylette	15.5	2000	2000	103	40 - 140			

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References:

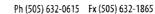
Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

QA/QC for Samples 62493-62494, 62496 and 62504-62505





Client:	WPX	Project #:	04108-0136
Sample ID:	Reserve Pit	Date Reported:	07-09-12
Laboratory Number:	62493	Date Sampled:	06-27-12
Chain of Custody No:	14959	Date Received:	06-29-12
Sample Matrix:	Soil	Date Extracted:	07-02-12
Preservative:	Cool	Date Analyzed:	07-02-12
Condition:	Intact	Analysis Needed:	TPH-418.1

	32000	Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

39.7

7.1

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments: Rosa Unit #209A





EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS **QUALITY ASSURANCE REPORT**

Client:

QA/QC

Project #:

N/A

Sample ID:

QA/QC

Date Reported:

07-09-12

Laboratory Number:

07-02-TPH.QA/QC 62493 Freon-113

Date Sampled: Date Analyzed: N/A 07-02-12

Sample Matrix: Preservative:

N/A

Date Extracted:

07-02-12

Condition:

N/A

Analysis Needed:

TPH

Calibration

I-Cal Date

C-Cal Date:

C-Cal RF:

% Difference.

Accept. Range

06-13-12

07-02-12

1,774

1,720

3.0%

+/- 10%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

TPH

ND

I-Cal RF:

7.1

Duplicate Conc. (mg/Kg)

TPH

Sample 39.7

Duplicate⁻ 41.1

% Difference 3.5%

Accept. Range +/- 30%

Spike Conc. (mg/Kg)

Sample

Spike Added Spike Result % Recovery Accept Range

TPH

39.7

2,000

1.910

93.6%

80 - 120%

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

QA/QC for Samples 62493-62494 and 62502



Chloride

Client: **WPX** Project #: 04108-0136 Date Reported: 07-05-12 Sample ID: Reserve Pit Lab ID#: 62493 Date Sampled: 06-27-12 Sample Matrix: Soil Date Received: 06-29-12 Preservative: Cool Date Analyzed: 07-03-12 Condition: Intact Chain of Custody: 14959

Parameter Concentration (mg/Kg)

Total Chloride 60

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Rosa Unit #209A





CHAIN OF CUSTODY RECORD

Client:		Project Name / Location: Rosa Unit # 209 A											Α	NAL	/SIS	/ PAF	RAMI	ETEF	RS			
Email results to: MYKE Lawe		Sar	npler Name: Plen Shel						TPH (Method 8015)	18021)	VOC (Method 8260)	S			0	-						
Client Phone No.:			nt No.: 04108							(Method	Method	8 Meta	Cation / Anion		TCLP with H/P	ble 910	TPH (418.1)	RIDE			Sample Cool	Sample Intact
Sample No./ Identification	Sample Date	Sample Time	Lab No.		Volume ontainers	P HgCl ₂	reservat HCI	ive	ТРН (втех) ooc	RCRA	Cation	RCI	TCLP	со та	тРН (CHLORIDE			Samp	Samp
Reserve Pit	6.27.12	1:00 PM	62493		<u>L</u>				v								-				X	X
																	<u>-</u>					
																			-			
Relinquished by: (Signature)				Date 6.29.0	Date Time Received by: (Signature) G.29.0 1:40fm								Date (e 29 1		ime 345							
Rélinquished by: (Signature)						Recei	ved b	y: (Sí	gnatu	ure)		J										
Sample Matrix Soil Solid Sludge	Aqueous 🗌	Other 🔲						·				-						-				
Sample(s) dropped off after	hours to sec	ure drop off	area.	∌ €	P N €	ir (ol Fa	e (: h)												
5795 US Highway 64	4 • Farmingto	n, NM 87401	• 505-632-0615 •	Three Spri	ings • 65 l	Merca	do Stre	et, Su	Jite 1	15, Du	ırang	ó, CC	8130	01 • 1	abore	atory	@env	irote	ch-inc	.com		

District I 1625 N French Drive, Hobbs, NM 88240 Phone. (575) 393-6161 Fax. (575) 393-0720

811 S. First Street, Artesia, NM 88210 Phone. (575) 748-1283 Fax. (575) 748-9720

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

'API Number

District IV 1220 S St Francis Drive, Santa Fe, NM 87505 Phone (505) 476–3460 Fax (505) 476–3462

State of New Mexico Energy, Minerals & Natural Resources Department

Submit one copy to Appropriate District Office

Form C-102 Revised August 1 2011

X AMENDED REPORT

As Dr. Had

OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, NM 87505

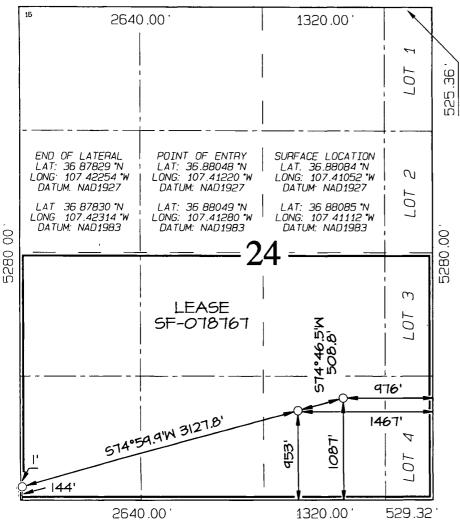
WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code

	71629 BASIN FRUITLAND COAL												
Property 1703			.		³Property ROSA (6	Well Number 209A				
'OGRID No 120782 WPX ENERGY PRODUCTION													
					¹⁰ Surface	Location							
UL or lot no.	Section 24	Township 31N	Range 6W	nge Lot Idn Feet from the North/South line Feet from the East/West line									

Bottom Hole Location If Different From Surface UL or lot no. Sect ion Township Range Lot Idn North/South line Feet from the Feet from the Fast/West line RIÓ Μ 24 31N 6W 144 SOUTH 1 WEST ARRIBA 12 Dedicated Acres 13 Joint or Infill ¹⁴ Consolidation Code ⁵ Order No 31,571.92 Acres R-13491

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



17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division
Signature Date
Printed Name
E-mail Address
¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief Date Revised: JUNE 1, 2012 Survey Date: JANUARY 15, 2004
Signature and Seal of Professional Surveyor
RESTORESSIONAL PROFESSIONAL PRO
Jason C. Edwards Certificate Number 15269

From:

Glenn Shelby [glenn@adobecontractorsinc.com]

Sent:

Friday, June 15, 2012 4:20 PM

To:

Brandon Powell

Cc:

Mitchell, Ben; Meador, Tasha; Granillo, Lacey

Subject:

WPX Energy Rosa Unit 209A Pit Closure

Early next week we will start backfilling the Rosa Unit 209A reserve pit. If you have any question call me.

Thanks,

Glenn Shelby

Adobe Contractors Field Foreman glenn@adobecontractorsinc.com (505) 320-7187 From: Glenn Shelby [glenn@adobecontractorsinc.com]

Sent: Friday, June 15, 2012 4:16 PM

To: Bill Liess; Bob Switzer; Randy Mckee; Mark Kelly
Cc: Mitchell, Ben; Granillo, Lacey; Meador, Tasha

Subject: WPX Energy Rosa Unit 209A Pit Closure

Early next week we will start backfilling the Rosa Unit 209A reserve pit. If you have any question call me.

Thanks,

Glenn Shelby

Adobe Contractors Field Foreman glenn@adobecontractorsinc.com (505) 320-7187

Submit To Approp Two Copies	riate Distric	ct Office		State of New Mexico							Form C-105							
District I 1625 N French Dr	· . Hobbs, N	M 88240		Energy	y, Minerals and	d Na	itural	Reso	ources	-	1. WELL A	A PL N	10l		<u> </u>	July 17, 2008		
District II 1301 W Grand Av	enue, Artes	ia, NM 88210			Oil Conservat	tion	Divi	icion			30-039-27699							
District III 1000 Rio Brazos R	ld , Aztec, N	NM 87410		Oil Conservation Division 1220 South St. Francis Dr.							2 <u>i[ype of Lease</u> ☐ FEE ☐ FED/INDIAN							
District IV 1220 S. St. Francis Dr. Santa Fe. NM 87505 Santa Fe, NM 87505								•	ŀ	3. State Oil &					IAN			
			RRE	COM	PLETION REI				LOG		7 TES			ie,	in the second	(
4. Reason for til											5. <u>Lease Name or Unit Agreement/Name</u> Rosa							
☐ COMPLET	ION REP	ORT (Fill in t	oxes #1 tl	rough #	31 for State and Fee	e well	s only)							osa 		<u>-</u>		
					through #9, #15 Da						6. Well Numb	er:	Rosa Un	nt #2097	A	٠.		
7 Type of Com	pletion:																	
8 Name of Oper					NG □PLUGBACK	<u> Ц</u>	DIFFE	RENT	RESERVO		OTHER 9 OGRID	1207	le-track 82					
10. Address of Operator P.O. BOX 640 AZTEC, NM 87410								11. Pool name	or Wi	ildcat								
12.Location	Unit Ltr	Section	То	wnship	Range	Lot		F	eet from th	e	N/S Line	Feet	from the	E/W L	ine	County		
Surface:																		
вн:																		
13 Date Spudde	d 14 D	ate T.D. Reach	ed 1	5. Date	Rig Released 6/11/2012			16 D	ate Comple	ted	(Ready to Prod	uce)		Elevati Γ, GR, e		and RKB,		
18 Total Measur	red Depth	of Well	1	9 Plug	Back Measured Dep	oth		20 V	Was Direction	onal	Survey Made?		21. Тур	e Electri	c and Ot	her Logs Run		
22 Producing In	terval(s), o	of this complet	on - Top,	Bottom.	, Name		•											
23				CA	ASING REC	OR	D (R			ing								
CASING SI	IZE	WEIGHT	LB./FT	/FT DEPTH SET HOLE SIZE						CEMENTIN	G RE	CORD	AM	10UNT	PULLED			
														-				
													1					
				_														
24.				L	INER RECORD					25	T	UBIN	NG RECO	ORD				
SIZE	ТОР		вотто	M	SACKS CEMI	ENT	SCR	SCREEN		SIZ	SIZE		DEPTH SET		PACKER SET			
		-																
26. Perforation	record (i	nterval, size, ai	ıd number)), SHOT, I ITERVAL	FR/	ACTURE, CE AMOUNT A					:		
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												-			-			
28						PR	⊥ ODU	CT	ION		<u> </u>			•				
Date First Produc	ction	Pr	oduction	Method	(Flowing, gas lift, pi						Well Status	(Proc	l. or Shut-	in)				
Date of Test	Hours	Tested	Choke S	Size	Prod'n For		Oıl -	Bhl		Gas	- MCF	W:	ater - Bbl	ı	Gas - C	Dil Ratio		
					Test Period							1						
Flow Tubing Press.	Casin	g Pressure	Calcula Hour R		Oil - Bbl.		<u> </u>	Gas - N	MCF	\ 	Water - Bbl	•	Oil Gra	vity - AF	PI - (Cor	r)		
29. Disposition of	of Gas (So	ld, used for fue	, vented,	etc.)								30 T	est Witne	ssed By				
31. List Attachm	ents																	
32. If a temporar	y pit was	used at the wel	;;attach_a	plat witl	the location of the	temp	orary p	iti				•		· ·				
33. If an on-site	burial was	used at the we	ll, report	he exact	location of the on-s	site bu	urial									-		
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Signature 9	E	who	4]	Γitle	Reg	ulatory S	pec	ialist Date	81	lop					
E-mail Addre	ess: ben	.mitchell@y	pxener	gy.con	<u>1</u>													



TEMPORARY PIT INSPECTION REPORT

Vell Name		Rosa Unit #209A		Field Name		Fruitland Coal		API#	30-039-27699	Report #	1	
ocation.	SW/4 SE	/4 Sec 24(O), T3	1N, R6W	County		Rio Arriba		State	New Mexico	Rpt Date	11/10/201	
Date	Report Type	Inspector	Liner Intact Y/N	Fenced Y/N	Slopes Intact Y/N	Adequate Freeboard Y/N	Oil Free Y/N	Flare P Liquid Fr Y/N		Comment		
11/10/11												
4/26/12												
4/27/12			Y	Y	Υ	Y	Y					
5/9/12	Daily		Y	Υ .	Y	Y	Y	Y	PHONE (505-801	-0826)		
5/10/12	Daily		Y	Υ	Υ	Y	Y	, Y	Phone (505-801-0	0826)		
5/11/12	Daily		Y	Υ	Y	Y	Υ	Y	Phone (505-801-0	0826)		
5/12/12	Daily		N	Υ	Y	Y	Y	Y	Wind whipped line	r & put 4' tear in	ıt, 10' above	
5/13/12	Daily		Y	Y	Υ	Y	Y	Y	Phone (505-801-0	0826)		
5/14/12	Daily		Y	Y	Y	Y	Υ	Y	Phone (505 - 801	-0826)		
5/15/12	Daily		Y	Y	Y	Y	Y	Y	Phone (505)80	1-0826		
5/16/12	Daily		Y	Y	Υ	Y	Y	Y	Phone (505)801	1-0826		
5/17/12	Daily		Y	Υ	Υ	Υ	Y	Y	Phone (505)80	1-0826		
5/18/12	Daily		Y	Y	Υ	Y	Y	Y	Phone (505)80	1-0826		
5/19/12	Daily		Y	Y	Y	Υ	Y	Y	Phone (505)80	1-0826		
5/20/12	Daily		Y	Y	Υ	Y	Y	Y	Phone . (505) 81	0-0826		
5/21/12	Daily		Y	Υ	Y	Y	Y	Y	Phone (505)80	1-0826		
5/23/12	Daily		Y	Y	Y	Y	Y	Y	PIT HAS 4' TEAR	IN LINER THAT	HAS BEEN	
5/24/12	Daily		Y	Y	Υ	Υ	Y	Y				
5/25/12	Daily		Y	Υ	Υ	Υ	Y	Υ				
5/28/12	Daily		N	Υ	Y	Y	Y	Υ	PIT LINER HAD B	EEN REPAIRED	DURING DE	
5/29/12	Daily		N	Y	Y	Y	Y	Y	PIT LINER WAS D	DAMAGED DUR	NG DRLG AI	
5/30/12	Daily		Υ	Υ	Y	Υ	Υ	Y	MAYBE 10 BBLS	WATER LEFT IN	I PIT EVAPO	
5/31/12	Daily		N		Υ	Y	Y	Y	TEAR IN LINER N	OT POSEING A	NY ENVIORI	
6/1/12	Daily		N	Υ		Υ	Y	Υ		. <u>.</u>		
6/4/12	Daily		N	Υ	Y	Y	Y	Y		_		
6/5/12	Daily		N	Υ	Y	Y	Y	Y	PIT IS DRY AND I	NOT IN USE		
6/6/12	Daily		N	Υ	Y	Y	Y	Y				
6/7/12	Daily		N	Y	ΥΥ	Υ	Y	Y	,			
6/8/12	Daily		N	Y	Y	Y	Y	Y				
6/11/12	Daily		N	Y	Y	Y	Υ	Y				
4/24/12	Weekly		N	Y	Y	Y	Y	Y				
5/2/12	Weekly		N	Υ	Y	Y	Y	Y				
6/13/12	Weekly		N	Y	Υ	Y	Υ	Y				
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