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.

Proposed Alternative Method Permit on Classes Plan Application	··
Proposed Alternative Method Permit or Closure Plan Applicat	<u>lion</u>
Type of action:	•
Permit of a pit or proposed alternative method	
Closure of a pit, below-grade tank, or proposed alternative method	
Modification to an existing permit/or registration	4 11
I Closure plan only submitted for an existing permitted or non-permitted pi or proposed alternative method	t, below-grade tank,
(A. — 12 - 1)	,
	•
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority	water, ground water or the
1.	- 5 Tules, regulations of ordinances.
Operator: WPX Energy Production, LLC OGRID #: 1207	82
Address: PO Box 640/721 S Main Aztec, NM 87410	
Facility or well name: Chaco 2306-06L #239H	
API Number: <u>30-039-31204</u> OCD Permit Number: <u>11541</u>	
U/L or Qtr/Qtr <u>L</u> Section <u>6</u> Township <u>23N</u> Range <u>6W</u> County: <u>R</u>	io Arriba
Center of Proposed Design: Latitude 36.25101N Longitude -107.51678W	NAD: □1927 🛛 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment	
2.	
Pit: Subsection F, G or J of 19.15.17.11 NMAC	
Temporary: ☑ Drilling ☒ Completion ☐ Workover	
	51 1 D
Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling	- · ·
☐ Lined ☐ Unlined Liner type: Thickness 20 mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other	
⊠ String-Reinforced	
Liner Seams: Welded Factory Other Volume: 38.265 bbl Dimensions: L	_100'_x W_150_x D_15'
3. Below-grade tank: Subsection I of 19.15.17.11 NMAC	RC/ID SEP 9'14
	OIL COMS. DIV.
Volume:bbl Type of fluid:	DICT. D
Tank Construction material:	
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other	
Liner type: Thicknessmil	
4.	
Alternative Method:	
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for	or consideration of approval.
Submittal of an exception required. Exceptions must be submitted to the same of Emmitted as an example of of Emmitted as	n consideration of approxim
5.	
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)	i
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residuation on the strands)	ence, school, hospital,
institution or church) Theoretical four strands of harbed wire evenly spaced between one and four feet	

☐ Alternate. Please specify <u>As per BLM specifications</u>

6.	
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	
Za organe in comprisince with 12/10/10/10/10/10/10/10/10/10/10/10/10/10/	
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. 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 accematerial are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	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).	Yes No
- Topographic map; Visual inspection (certification) of the proposed site	
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	☐ Yes ☑ No
application. - 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

The state of the s							
Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site							
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							
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	Yes No						
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	Yes No						
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							
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	□ Vee □ 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							
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 N Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc 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 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: 30-039-31204 or Permit Number: 11541	NMAC						
11. 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 doc 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							
Draviously Approved Design (attach copy of design) API 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 attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.19 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 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	documents are							
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	☐ Multi-well Fluid							
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								
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 sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. F 19.15.17.10 NMAC for guidance.								
Ground water is less than 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 ☐ NA							
Ground water is between 50 and 100 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	Yes No							
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, 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 ☐ Yes ☑ N								
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.	☐ Yes ☑ No							
- 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	☐ Yes ☑ No							

Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; 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 the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division ☐ Yes ☑ N										
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									
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plant a check mark in the box, that the documents are attached. 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. 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 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	11 NMAC 15.17.11 NMAC									
Operator Application Certification: 1 hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and beling the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the best of my knowledge and the complete to the complete to the best of my knowledge and the complete to the complete to th										
Signature: Date:										
e-mail address:										
OCD Approval: Permit Application (including closure plan) Permit Application (including closure plan) Permit Approval (see attachment) OCD Representative Signature: Approval Date: 10/2 Title: OCD Permit Number: OCD Permit Number: 19. 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: 3/19/2014										
20. Closure Method: □ Waste Excavation and Removal ☑ On-Site Closure Method □ Alternative Closure Method □ Waste Removal (Closed-lo □ If different from approved plan, please explain.	op systems only)									
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please incommark 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) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation	dicate, by a check									

 ☒ Re-vegetation Application Rates and Seeding Technique ☒ Site Reclamation (Photo Documentation) 	
On-site Closure Location: Latitude 36.25101 L	ongitude107.51678 NAD: ☐1927 🔀 1983
	this closure report is true, accurate and complete to the best of my knowledge and sure requirements and conditions specified in the approved closure plan.
Name (Print): Mark Heil	Title: Regulatory Specialist
Signature:	Date: 9/8/2014
e-mail address: mark.heil@wpxenergy.com	Telephone: 505-333-1806

WPX Energy Production, LLC San Juan Basin: New Mexico Assets Temporary Pit In-place Closure Report Drilling/Completion and Workover (Groundwater > 100 feet bgs)

Well:

Chaco 2306-06L #239H

API No:

30-039-31204

Location:

L-S06-T23N-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 Production, LLC (WPX) 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 proceed out of the County requirements)
 <u>A deed notice is not required on state, federal or tribal land occording to NMOCD FAO dated October 30, 2008 and posted on the NMOCD website.</u>

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.

Free liquids were not present at the reserve pit following the completion rigoff. Therefore, no liquids were hauled.

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 recation was approved by the Aztec District Office on (12/27/2013). However, since the pit was located in arraya of fill on the well pad, it was dug and hauled to Envirotech. Inc. Soil Remedation Facility, #43 Rd 7175 (16 miles solution Bloomfield NM) on (2/7/2014).

The surface of the 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, recontoured and reseeding in progress.

Drill rig-off (2/1/2014). Completion Rig-off (3/9/2014) Pit covered (2/9/2014). 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.

- 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 (12/17/2013) 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 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. All liner was disposed of at the San Juan Regional Landfill operated by Waste Management under NMED Permit SWM-052426.

7. 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.

After solidification, the pit contents were completely removed and hauled to Envirotech, Inc. Soil Remedation Facility, #43 Rd 7175 (16 miles south of Bloomfield, NM) on (2/9/2014).

8. A five-point composite sample will be taken underneath the pit liner 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 from underneath the pit liner 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 >100 bgs.

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	ND
TPH	EPA SW-846 Method 418.1	2,500	28.0
GRO/DRO	EPA SW-846 Method 8015M (GRO/DRO)	500	ND
Chlorides	EPA SW-846 Method 300.1	500	ND

9. Upon completion of pit removal and testing, the pit area will be backfilled with non-waste earthen material compacted to native conditions to enable effective revegetation 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 pit removal 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.

10. Following cover, the site will be recontoured to meet the Surface Management Agency or surface owner requirements. Recontouring 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.

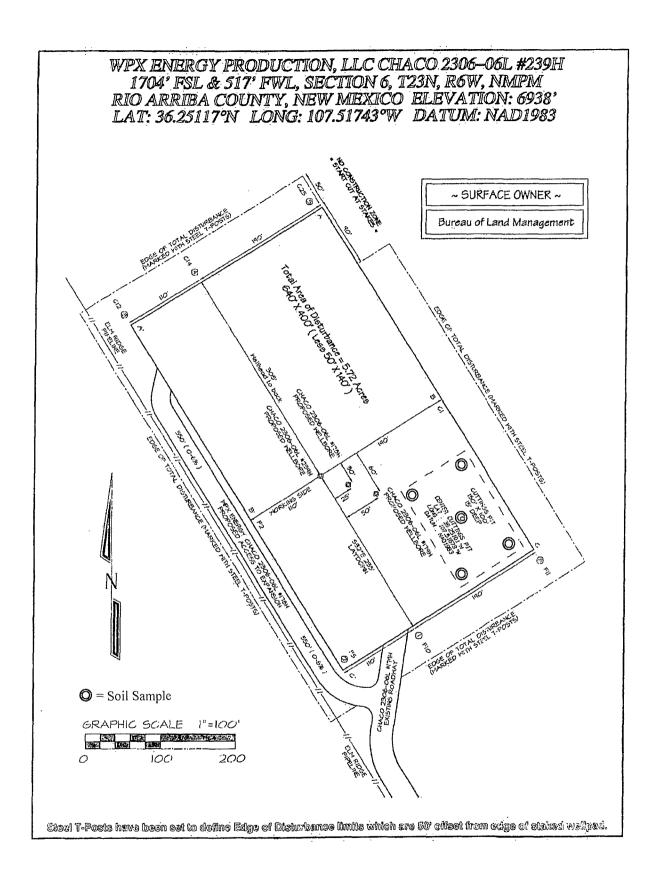
Following cover, WPX reestablished drainage and contours to approximately match previous topography meeting the Conditions of Approval in the APD and the direction offered by a BLM/USFS inspector. Cover and re-contouring were completed (2/9/2014)

- 11. 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.
- 12. 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: FFO/NMOCD MOU dated 5/4/09.

13. 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.

No steel marker was used for this pit since the contents and liner were completely removed from the location.





Analytical Report

Report Summary

Client: WPX Energy, Inc.
Chain Of Custody Number: 16878
Samples Received: 4/18/2014 8:00:00AM

Job Number: 04108-0006 Work Order: P404059

Project Name/Location: Chaco 2306-6L #239H

Entire Report Reviewed By:			Date:	4/24/14	
	Tim Cain, Lab	oratory Manager	**********		

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

5796 US Highway 64, Farmington, NM 87401

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

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



Page 1 of 10



WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358 Project Name: Project Number: Project Manager; Chaco 2306-6L #239H

04108-0006 Buddy Shaw Reported: 24-Apr-14 10:06

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Below Cuttings Pit	P404059-01A	Soil	04/16/14	04/18/14	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

Givinti delireccin Lelvietory≘sivintstichtitagin

Page 2 of 10



WPX Energy, Inc.

Project Name:

Chaco 2306-6L #239H

PO Box 21218 Tulsa OK, 74121-1358 Project Number: Project Manager: 04108-0006 Buddy Shaw

Reported: 24-Apr-14 10:06

Below Cuttings Pit P404059-01 (Solid)

			-						
}		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021					·····		· 		
Benzene	ND	0.05	mg/kg	1	1417006	04/21/14	04/22/14	EPA'8021B	
Toluene	ND	0.05	mg/kg	1	1417006	04/21/14	04/22/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1417006	04/21/14	04/22/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1417006	04/21/14	04/22/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1417006	04/21/14	04/22/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	i	1417006	04/21/14	04/22/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1417006	04/21/14	04/22/14	EPA 8021B	
Surrogate: Bromochloroberzene		102 %	80	-120	1417006	04/21/14	04/22/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		93.1 %	80	<i>-120</i>	1417006	04/21/14	04/22/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	·1	1417006	04/21/14	04/22/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg	1	1417005	04/21/14	04/24/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1		<u> </u>							
Total Petroleum Hydrocarbons	28.0	20.0	mg/kg	1	1416045	04/18/14	04/18/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	ND	9,99	mg/kg	1	1417012	04/22/14	04/22/14	EPA 300.0	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



Page 3 of 10



WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name:

Chaco 2306-6L #239H

Project Number: Project Manager: 04108-0006 Buddy Shaw

Reported: 24-Apr-14 10:06

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC,	Limits	RPD	Limit	Notes
Batch 1417006 - Purge and Trap EPA 5030A		<u></u>								
Blank (1417006-BLK1)				Prepared: 2	21-Apr-14	Analyzed: 2	22-Apr-14			
Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	•							
Ethylbenzene	ND	0.05	•							
p,m-Xylene	ND	0.05	,							
o-Xylene	ND	0.05	•							
Total Xylenes	ND	0.05	•							
Total BTEX	ND	0.05								
Surrogate: 1,3-Dichlorobenzene	48.1	•	ug/L	50.0		96.1	80-120			
Surrogate: Bromochlorobenzene	48.9		"	50.0		97.7	80-120			
Duplicate (1417006-DUP1)	Sou	rce: P404059-	91	Prepared: 2	1-Apr-14 A	Analyzed: 2	2-Apr-14			
Benzene	, ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	•		ND				30	
Ethylbenzene	ND	0.05	•		ND				30	
p,m-Xylene	ND	0.05			ND				30	
o-Xylene	ND	0.05	•		ND				30	
Surrogate: 1,3-Dichlorobenzene	48.0		ug/L	50.0		96.0	80-120			
Surrogate: Bromochlorobenzene	50.2		tt .	50.0		100	80 ₋ 120			
Matrix Spike (1417006-MS1)	Sou	rce: P404059-0	91	Prepared: 2	1-Apr-14 A	Analyzed: 2	2-Apr-14			
Benzene	19.7	-	ug/L	50.0	ND	39.5	39-150			
Toluene	51.9		•	50.0	ND	104	46-148			
Ethylbenzene	50:6			50.0	ND	101	32-160			
o,m-Xylene	102		N .	.100	ИĎ	102	46-148			
-Xylene	50.6		u	50.0	ND	101	46-148			
Surrogate: 1,3-Dichlorobenzene	46.4		ft	50.0		92.8	80-120			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

Surrogata: Bromochlorobenzene

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

50.0

80-120

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



Page 4 of 10

Chaco 2306-06L #239H



WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Diesel Range Organics (C10-C28)

Project Name:

230

Chaco 2306-6L #239H

13.6

Project Number: Project Manager: 04108-0006 Buddy Shaw

Reported: 24-Apr-14 10:06

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1417005 - DRO Extraction EPA 3550C					·			<u> </u>		
Blank (1417005-BLK1)				Prepared: 2	1-Apr-14	Analyzed: 2	!4-Apr-14			
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg							
Duplicate (1417005-DUP1)	Sou	rce: P404059-	01	Prepared: 2	1-Apr-14	Analyzed: 2	!4-Apr-14			
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg		ND				30	
Matrix Spike (1417005-MS1)	Sour	rce: P404059-	01	Prepared: 2	1-Apr-14	Analyzed: 2	4-Apr-14			

mg/L

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

Three Springs: 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



Page 5 of 10



WPX Energy, Inc. PO Box 21218

Project Name:

Chaco 2306-6L #239H

Project Number: Tulsa OK, 74121-1358

04108-0006

Reported:

Project Manager:

Buddy Shaw

24-Apr-14 10:06

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

			Spike	Source		%REC		RPD	
Resulf	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
			Prepared: 2	1-Apr-14	Analyzed: 2	2-Apr-14			
ND	4.99	mg/kg							
Sour	ce: P404059-	01	Prepared: 2	1-Apr-14	Analyzed: 2	2-Apr-14			
ND	5.00	mg/kg		ND				30	
Sour	ce: P404059-	01	Prepared: 2	1-Apr-14	Analyzed: 2	2-Арг-14			
0.59		mg/L	0.450	0.06	120	75-125			
	ND Sour ND Sour	ND 4.99 Source: P404059- ND 5.00 Source: P404059-	Result Limit Units ND 4.99 mg/kg Source: P404059-01 ND 5.00 mg/kg Source: P404059-01	Prepared: 2 ND 4.99 mg/kg Source: P404059-01 Prepared: 2 ND 5.00 mg/kg Source: P404059-01 Prepared: 2	Result Limit Units Level Result	Prepared: 21-Apr-14 Analyzed: 28	Result Limit Units Level Result %REC Limits Prepared: 21-Apr-14 Analyzed: 22-Apr-14 ND 4.99 mg/kg Prepared: 21-Apr-14 Analyzed: 22-Apr-14 ND 5.00 mg/kg ND Source: P404059-01 Prepared: 21-Apr-14 Analyzed: 22-Apr-14	Result Limit Units Level Result %REC Limits RPD	Result Limit Units Level Result %REC Limits RPD Limit

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

conjugativaco Honory aplet Olimon

Page 6 of 10



WPX Energy, Inc.
PO Box 21218
Tulsa OK, 74121-1358

Project Name:

Chaco 2306-6L #239H

Project Number: Project Manager: 04108-0006 Buddy Shaw

Reported: 24-Apr-14 10:06

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Ņotes
Batch 1416045 - 418 Freon Extraction										
Blank (1416045-BLK1)				Prepared &	. Analyzed:	18-Apr-14				
Cotal Petroleum Hydrocarbons	ИD	20.0	mg/kg							
Duplicate (1416045-DUP1)	Sou	rce: P404039-	01	Prepared &	Analyzed:	18-Apr-14				
Total Petroleum Hydrocarbons	31.9	20.0	mg/kg		32.0			0.110	30	
Matrix Spike (1416045-MS1)	Sou	rce: P404039-	01	Prepared &	. Analyzed:	18-Apr-14				
Total Petroleum Hydrocarbons	498		mg/L	500	8.00	98.0	80-120			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



Page 7 of 10



WPX Energy, Inc. PO Box 21218 Project Name: Project Number: Chaco 2306-6L #239H

04108-0006

Reported: 24-Apr-14 10:06

Tulsa OK, 74121-1358

Matrix Spike Dup (1417012-MSD1)

Chloride

Project Manager:

Source: P404067-01

9.99

Buddy Shaw

Cation/Anion Analysis - Quality Control

Prepared & Analyzed: 22-Apr-14

ND

499

80-120

1.29

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1417012 - Anion Extraction EPA 300.0										
Blank (1417012-BLK1)		J		Prepared &	. Analyzed:	22-Apr-14				
Chloride	ND	10.0	mg/kg							
LCS (1417012-BS1)				Prepared &	Analyzed:	22-Apr-14				
Chloride	482	9.81	mg/kg	491		98.2	90-110			
Matrix Spike (1417012-MS1)	Sou	rce: P404067-	01	Prepared &	Analyzed:	22-Apr-14				
Chloride	496	9.96	mg/kg	498	MD .	99.6	80-120			

mg/kg

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



Page 8 of 10



WPX Energy, Inc.

Project Name:

Chaco 2306-6L #239H

PO Box 21218

Project Number:

04108-0006

Reported:

Tulsa OK, 74121-1358

Project Manager:

Buddy Shaw

24-Apr-14 10:06

Notes and Definitions

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

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

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

enticistinació

Page 9 of 10

CHAIN OF CUSTODY RECORD

16878

Client:		Pro	Project Name / Location: Chaco 2306-61 # 239H						ANALYSIS / PARAMETERS														
Email results to: Brdelle Shaw		Sa	mpler Name: Juny 5十						8015)	d 8021)	8260)	ıs.				<u>٠</u>							
Client Phone No.:		Clie	Cliént No.: 04108-0006					TPH (Method 8015)	BTEX (Method 8021)	VOC' (Method 8260)	RCRA 8 Metals	Cation / Anion		TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact	
Sample No./ Identification	Sample Date	Sample Time	Lab No.		Volume intainers	HNO ₃	reservat HCI	ive	TPH (TEX	NOC	RCR/	Cation	<u>HC</u>	TCLP	CO T ₈	трн (CHLC				Samp	Samp
Below Cattings	4-16-14	2!00 Am	P404059-01			-	ļ		س	-				, .				سته پر				Y	<u>.</u>)
						-															\dashv	\dashv	\dashv
			· · · · · · · · · · · · · · · · · · ·			-															1	1	\dashv
						ļ							_								-	_	_
						-															\dashv	-	
						+-																-	
,																						1	,
Relinquished by: (Signature)				Date	Time	Rece	ived b	y: (Si	gnati	ure) .	7		-	<u>``</u>	 4					1	oate N⊈///i	Tin Si	
Relinquished by: (Signature)						Rece	ived b	y: (Si	ignati	ure) ¯									***************************************	1"	0 1		
Sample Matrix Soil ☑ Solid ☐ Sludge ☐	,Aqueous [) Other □					*****																
☐ Sample(s) dropped off after				<u>}</u> €	P N V	ir (O f	e (tory)				4.	7	2				-			
5795 US Highway 64	4 • Farmingto	on, NM 8740	1 • 505-632-0615 • T	hrée Spri	ngs • 65	Merca	do Stre	eet, Su	uite 1	15, D	urang	jo, C	O 813	01 •	labor	ratory	@env	irote	ch-inc	Pa	age 1	0 of	10

NOTE: The Chaco 2306-06L #239H pit is missing inspection records for the following periods of time:

2/15/2014 through 3/9/2014

	William's.		7	ЕМРС	RARY P	IT IN	SPE	CTIC	ON REPOR	RT	
Well Name	CHACO 2306	6-06L #239H	Field Name	-	Lybrook		API#		30-039-31204	Report #	1
Location			County		Rio Arriba		State		NM	Rpt Date	1/15/2014
Date	Report Type	Liner Intact Y/N	Fenced Y/N	Slopes Intact Y/N	Adequate Freeboard Y/N	Oil Free Y/N	Flar Liquid Y		C	omment	
1/15/14	Daily	Y	Υ	Υ	Υ	Y	,	1	TEMP PIT / NO LEAR	(S, NO SPILLS	
1/16/14	Daily	Y	Y	Y	Y	Υ	<u> </u>	<u> </u>	TEMP PIT / NO LEAR	(S, NO SPILLS	
1/17/14	Daily	Y	Υ	Υ	Υ	Υ		<u>/</u>	TEMP PIT / NO LEAR	(S, NO SPILLS	
1/18/14	Daily	Y	Υ	Y	Υ	Υ	<u> </u>	1	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/19/14	Daily	Y	Υ	Υ	Y	Υ	\\	· /	TEMP PIT / NO LEAF	KS, NO SPILLS	
1/20/14	Daily	Y	Υ	Υ	Υ	Υ	`	1	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/21/14	Daily	Y	Υ	Υ	Υ	Υ		1	TEMP PIT / NO LEAF	KS, NO SPILLS	
1/22/14	Daily	Y	Υ	Υ	Y	Υ	١	,	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/23/14	Daily	Υ	Υ	Υ	Y	Υ	\	,	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/24/14	Daily	Υ	Y	Υ	Y	Υ	\	,	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/25/14	Daily	Y	Y	Υ	Υ	Υ	_	′	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/26/14	Daily	Υ	Υ	Y	Y	Y		,	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/27/14	Daily	Y	Υ	Y	Y	Υ	Ŋ	,	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/28/14	Daily	Υ	Y	Y	Y	Υ		,	TEMP PIT / NO LEAP	(S, NO SPILLS	
1/29/14	Daily	Y	Y	Y	Y	Υ	١	,	TEMP PIT / NO LEAF	(S, NO SPILLS	
1/30/14	Daily	Y	Y	Y	Y	Υ	Y	,	TEMP PIT / NO LEAP	(S, NO SPILLS	
1/31/14	Daily	Y	Y	Y	Y	Y	7	,	TEMP PIT / NO LEAK	(S, NO SPILLS	
2/1/14	Daily	Y	Y	Υ	Y	Υ	Y	,	TEMP PIT / NO LEAK	S, NO SPILLS	
2/2/14	Daily	Y	Υ	Y	Y	Υ	<u> </u>	,	TEMP PIT / NO LEAK	S, NO SPILLS	

720 So. Main / PO Box 640 Aztec, NM 87410 505-333-1806 / 505-333-1805 fax

Temporary Pit Inspection

FACILITY INFORMATION Facility Name: CHACO 2306-06L #239H API #:30-039-31200 Pit Type: ☐ Drilling ☐ Workover ☐ Cavitation Inspection: Daily (Rig) Weekly (Tech) Pit Liner intact Yes No If No. Date / Time Reported: Report to EH&S immediately Pit Properly Fenced Yes No Not Required (if site fully fenced) If No, Report to EH&S immediately Yes No Pit Slopes intact If No, Report to EH&S immediately Yes No Not Applicable Adequate freeboard If No, Report to EH&S immediately Yes No Free oil or sheen present on pit If Yes, Report to EH&S immediately ☐ Yes ☐ No ☒ Not Applicable Flare Pit free of liquids If No, Report to EH&S immediately ☐ Drill Rig ☐ Completion Rig Date liquids pulled (Liquids must be pulled within 30 days of rig off date) Date Liquids Pulled: Comments: Liquid in pit, possible rain water and melted snow. Inspector Signature: Cody Boyd Printed Name: Cody Boyd

Phone: (505)386-8672

Record Retention: Submit with Closure

12/27/2013

Title: Technician Rosa South

.Date:

720 So. Main / PO Box 640 Aztec, NM 87410 505-333-1806 / 505-333-1805 fax

Temporary Pit Inspection

FACILITY INFORMATION Facility Name: CHACO 2306-061 #239H API #:30-039-31200 Pit Type: ☐ Drilling ☐ Workover ☐ Cavitation Inspection: Daily (Rig) Weekly (Tech) Pit Liner intact \boxtimes Yes \square No If No, Date / Time Reported: Report to EH&S immediately Yes No Not Required (if site fully fenced) If No, Report to EH&S immediately Pit Properly Fenced Yes □ No Pit Slopes intact If No, Report to EH&S immediately Adequate freeboard If No, Report to EH&S immediately Free oil or sheen present on pit If Yes, Report to EH&S immediately Yes No Not Applicable Flare Pit free of liquids If No, Report to EH&S immediately ☐ Drill Rig ☐ Completion Rig Date liquids pulled (Liquids must be pulled within 30 days of rig off date) Date Liquids Pulled: Comments: Liquid in pit, possible rain water and melted snow. Drilling Rig on location. Inspector Signature: Cody Boyd Printed Name: Cody Boyd <u>Title: Technician Rosa South</u> Phone: (505)386-8672 Date: 1/4/2014

Record Retention: Submit with Closure

720 So. Main / PO Box 640 Aztec, NM 87410 505-333-1806 / 505-333-1805 fax

Temporary Pit Inspection

FACILITY INFORMATION

Facility Name: CHACO 2306-06L #239H	API #:30-039-31200
 	
Pit Type: Drilling Workover Cavitation	Inspection: Daily (Rig) Weekly (Tech)
Pit Liner intact	Yes No If No, Date / Time Reported:
Pit Properly Fenced	Yes No Not Required (if site fully fenced) If No, Report to EH&S immediately
Pit Slopes intact	Yes No If No, Report to EH&S immediately
Adequate freeboard	Yes No Not Applicable If No, Report to EH&S immediately
Free oil or sheen present on pit	Yes No If Yes, Report to EH&S immediately
Flare Pit free of liquids	Yes No Not Applicable If No, Report to EH&S immediately
Date liquids pulled	Drill Rig Completion Rig
(Liquids must be pulled within 30 days of rig off date)	Date Liquids Pulled:
Comments:	
Liquid in pit, possible rain water and melted snow. Drilli	ng Rig on location.
Inspector Signature: Cody Boyd	
Printed Name: Cody Boyd	
Title: Technician Rosa South	
Date: 1/25/2014 Phone:	(505)386-8672

Record Retention: Submit with Closure

WPX_NM_Temp_Pit_Inspection_Form(V2).doc Rev: April 24, 2012

720 So. Main / PO Box 640 Aztec, NM 87410 505-333-1806 / 505-333-1805 fax

Temporary Pit Inspection

FACILITY INFORMATION API #:30-039-31200 Facility Name: CHACO 2306-06L #239H Pit Type: ☐ Drilling ☐ Workover ☐ Cavitation Inspection: Daily (Rig) Weekly (Tech) Yes No If No, Report to EH&S immediately Pit Liner intact Date / Time Reported: Yes No Not Required (if site fully fenced) Pit Properly Fenced If No, Report to EH&S immediately Pit Slopes intact Yes No If No, Report to EH&S immediately Yes No Not Applicable Adequate freeboard If No, Report to EH&S immediately Yes No Free oil or sheen present on pit If Yes, Report to EH&S immediately Flare Pit free of liquids ☐ Yes ☐ No ☒ Not Applicable If No, Report to EH&S immediately Date liquids pulled ☐ Drill Rig ☐ Completion Rig Date Liquids Pulled: (Liquids must be pulled within 30 days of rig off date) Liquid in pit, possible rain water and melted snow. Inspector Signature: Cody Boyd Printed Name: Cody Boyd Title: Technician Ghaco Slope

Phone: (505)386-8672

Record Retention: Submit with Closure

2/3/2014

Date:

WPX_NM_Temp_Pit_Inspection_Form(V2).doc Rev: April 24, 2012

¹² Enciones Acres

Phohe: (505) 334-6:78 FBx; (505) 334-6:70 District IV 1220 S. St. Francis Drive, Santa Fe, NM 87505 Phone: (505) 476-3460 FBx; (505) 476-3452

> [∞] 151.55 Acres S/2 N/2 - Section 1

Form C-102 Revised August 1, 2011

Submit oné copy to Appropriate District Office

AMENDED REPORT

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

State of New Mexico

WELL LOCATION AND ACREAGE DEDICATION PLAT

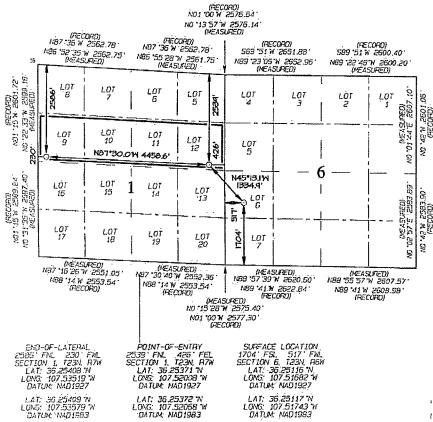
'/	PI Numbe	Pool Code							LYBROOK GALLUP							
*Proberty	Code		.Mell Nomber													
'ossia 12078		E-managharany / per agree	"Operator Name WPX ENERGY PRODUCTION, LLC													
					¹⁰ Surface	Location										
U or fat va.	Section Township Range Lot Idn Feet from the North/South life Feet from the East/								WEST ARRIE							
			1 Botto	m .Hole	Location I	f Different F	rom Surfac	e								
U, or let ro:	Spetian 1	23N	Funge 7W	Let Ion 9	Feet from the 2585	NORTH	530 530	WEST ARRI								

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

DJsint on Intill

15 Corsolimation Code

in Compr. No.



	I hereby cortify that the information contained necess is two and consider to the best of my knowledge and belief, and that this organization either bases a knowling interest or unlessed mineral interest in the land including the processed bottom-role location on 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 souling procedures thereof by the division.
	Signature Oate
	Frinted Name
1	E-mail Address
	In SURVEYOR CERTIFICATION I nereby contify that the Well accation should be his plat was plotted from field notes of actual surveys made by he on under- my supervision, and that the case is true and correct to the best of my belief. Date Revised; FEBRUARY 5, 2014 Survey Date: OCTOBER 1, 2012 Signature and Seal of Professional Surveyor
	TAGON C. EDWARDS
	JASON C. EDWARDS

" OPERATOR CERTIFICATION

From:

Johnny [johnny@adobecontractorsinc.com]

Sent:

Friday, January 31, 2014 7:13 AM

To:

Brandon Powell

Cc:

Granillo, Lacey; Fields, Vanessa; Shaw, Buddy; Heil, Mark; Riley, Heather

Subject:

Pit closure for WPX Energy Chaco 2306-6L #179H,178H and 239H

Brandon,

We will be closing these pits by Tuesday of next week. Please let me know if you have any questions.

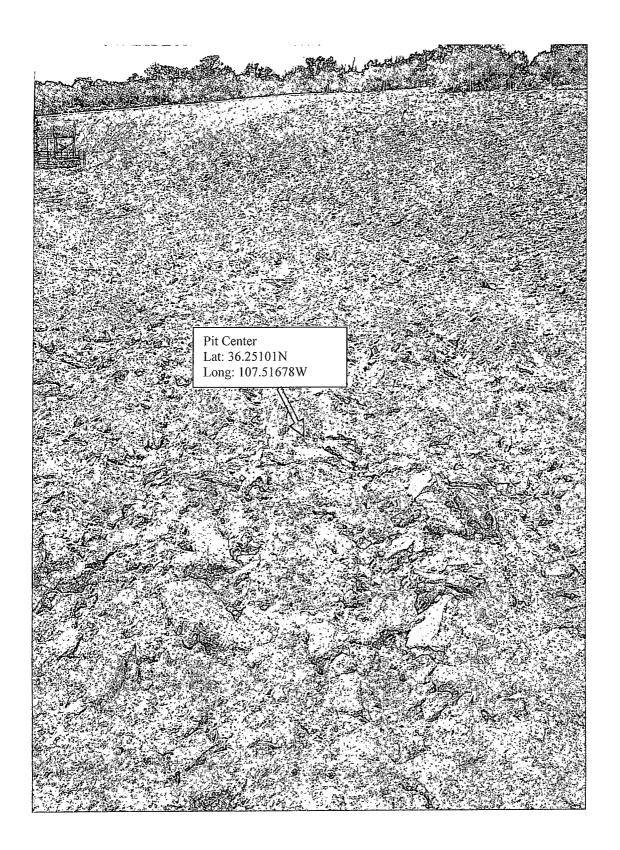
Thank you,

Johnny R. Stinson General Manager Adobe Contractors Inc. Office: 505-632-1486

Fax: 505-632-9807 Mobile: 505-320-6076

johnny@adobecontractorsinc.com

			·								_			
Submit To Appropr Two Copies	nate District O	office		State of Nev										Form C-105
District I			Energy	, Minerals and	Natura	al Res	sources					Rev	rised Au	igust 1, 2011
1625 N. French Dr., District II	•			Oil Conservati	on Divi	iaian			1. WELL 30-039-31		NO.			
811 S. First St., Arte District III	esia, NM 8821	10		1220 South St.					2. Type of 1					
1000 Rio Brazos Rd	l., Aztec, NM	87410	1							ATE	□ FEE	⊠ F	ED/INDI	AN
District IV 1220 S. St. Francis I	Dr., Santa Fe,	NM 87505		Santa Fe, N	IVI 0/30)3	,		3. State Oil NMSF 0783	& Gas				<u> </u>
WELLO	COMPLE	TION OR	RECOME	LETION REF	PORT	AND	LOG		14.4451 0705		The Contract		To the second	
4. Reason for filir			TRECOM	LETIONTICE	OICI .	71110		ď	5. Lease Nat		Jnit Agree	ment Na	me	<u>થ્યું કાર્યાની છેટ</u>
☐ COMPLETION	ON REPOR	RT (Fill in boxe	es #1 through #3	31 for State and Fee	wells onl	y)		-	Chaco 2306- 6. Well Nun		239Н	-		
				through #9, #15 Date				or /			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	N		
7. Type of Compl		the C-144 clos	sure report in ac	cordance with 19.15	,17,13.K	NMAC)	L			\sim	/ 		
		VORKOVER	☐ DEEPENING	G □PLUGBACK	□ DIFE	FEREN	reserv	OIR	Потня)		
8. Name of Operat		, 0, 0, 0, 1		<u> </u>		2,001.	2 10000111		9. OGRID	1	7	/_		
WPX Energy Prod		2							120782		ノヽ		<u> </u>	
10. Address of Op									11. Rool nam		ildcat		X	
PO Box 640 / 721	South Main Unit Ltr	Section 8	Township	Range	Lot		Reet from the		Lybrook/Gall NS Line		from the	TEW)		County
Surface:	——————————————————————————————————————	Section	Township	Kange	LUI		rect Holli ti		NOTAIC	rect	Hom the	EW	1116	County
							X	<u> </u>	<u>/</u>	ļ,		1_		
ВН:		1				ľ	<i>></i>	٠		1 .	~	1	- 1	
13. Date Spudded	14. Date 7	Г.D. Reached	15. Date R 6/11/2013	ig Released		J/S)D	te Comple	eted ((Ready to Pro	duce)	17 P	. Elevati Γ, GR, et	ons (DF	and RKB,
18. Total Measured	d Depth of V	Vell		ack Measured Dept	/(_	100 1	Vac Directi	ional	Sirvey Made					er Logs Run
16. Total Measured	a Depui oi v	ven	19. Flug D	ack Measured Depu	"		was Directi	Юнаг	Streetwade		21. Typ	e Electifi	and Ou	ici Logs Kuli
22. Producing Inte	rval(s), of th	is completion	- Top, Bottom, 1	Name					\sim					
23.			CASING F	ECORD (Repo	ort all st	rings	sek in wel	₩_						
CASING SIZE	E	WEIGHT LB		DEPTH SET	1		E SHXE	1	CEMENTIN	IG REC	CORD	AM	OUNT P	PULLED
						_								
					(()						-		
		\neg				<u> </u>		,						
	/ - -	1)1		1	7		1/				_			
		\checkmark		7/ /2	$\forall j$		\overline{X}							
24.		7		VER RECORD	\mathcal{S}		\sim	<u>25.</u>	-	THRIN	NG RECO	ממו		
SIZE	TOP	/ BO	OTTOM	SACKS CEMER	NT LSC	REEN		SIZI			EPTH SET		PACKE	R SET
	/ /	/		1 2113/13 (2111111		W	V		-					
			+		-14	10						+		
26. Perforation re	L_ ecord (interv	al, size, and n	umber	\	27	ACID	SHOT	FRA	CTURE, CI	MEN	T SOLIE	FZE E	TC	
20. 10.	(mior	u., 5.20, a.i.a ii					TERVAL	1. 1(/ 1	AMOUNT A					
			•	\setminus	/									
			,	21)										
			į,									_		-
28.					RODU	CTIO	N -							
Date First Producti	on	Produc	ction Method (F	lowing, gas lift, pun					Well Status	s (Proa	l. or Shut-i	in)		
24.01.100.100.00		1	(x	10	76) F - F F /			- (-7		
														
Date of Test	Hours Tes	ted Cl	hoke Size	Prod'n For	Oil	- Bbl	1	Gas ·	- MCF	Wa	iter - Bbl.	}	Gas - Oi	l Ratio
				Test Period										
Flow Tubing	Casing Pro	essure Ca	alculated 24-	Oil - Bbl.		Gas - N	ИСF	W	ater - Bbl.	<u> </u>	Oil Grav	rity - AP	I - (Corr.)
Press.	Jung		our Rate	1	I			1				,	•	•
· · · · · · · · · · · · · · · · · · ·										1 20 17	1177	- 1D-		
29. Disposition of C	Jas (Sold, us	sea jor juel, ve	niea, etc.)							30. I	est Witnes	seu By		
31. List Attachmen	ts				•••								_ ,	
32. If a temporary p	nit was used	at the well att	ach a nlat with t	the location of the te	mporary	pit			 -			<u>-</u>		
			-			1								
33. If an on-site but	rial was used	n at the well, re	eport the exact le		e burial: 36.2510	1 N			Longitude	-]	107.5167	8W	NA	D 1983
I hereby certify	that the i	nformation	shown on bo	th sides of this fo	orm is t	rue an	d comple	ete t	o the best o	of my				
Signature:	1/2/		Printe	ed Name: Mark	c Heil	Tit	le: Regi	ulato	ory Special	ist	Date	: 9/8/14	4	



Submit To Appropriate District Office Two Copies District I	State of New Mexico Form Energy, Minerals and Natural Resources Revised Augus									
1625 N. French Dr., Hobbs, NM 88240 District II		Oil Conservation			1. WELL 30-039-31		1011300.71	ugust 1, 2011		
811 S. First St., Artesia, NM 88210 District III		1220 South St. Fi			2. Type of I	Lease				
1000 Rio Brazos Rd., Aztec, NM 87410 District IV		Santa Fe, NM	87505			ATE FEE & Gas Lease No		IAN		
1220 S. St. Francis Dr., Santa Fe, NM 87505	DECOMP	ETION DEDO	DT AND		NMSF 0783	62		and the Control of th		
WELL COMPLETION OR 4. Reason for filing:	RECOMPL	ETION REPO	RIANI) LOG		ne or Unit Agree				
COMPLETION REPORT (Fill in boxe	es #1 through #31	for State and Fee we	lls only)		Chaco 2306- 6. Well Nun	06L	Traine			
C-144 CLOSURE ATTACHMENT (I #33; attach this and the plat to the C-144 clos	Fill in boxes #1 the sure report in acco	ough #9, #15 Date R	Rig Released 7.13.K NMA	and #32 and/o	r					
7. Type of Completion:		□PLUGBACK □	1 DIFFERE	NT RESERVO	OR COTHER					
8. Name of Operator WPX Energy Production, LLC	□ DEELEWING		DITERE	IVI KESEKVO	9. OGRID 120782					
10. Address of Operator PO Box 640 / 721 South Main Aztec, NM 8	27410				11. Pool nam Lybrook/Gal					
12.Location Unit Ltr Section	Township	Range Lo	ot	Feet from the		Feet from the	E/W Line	County		
Surface:	_									
BH:										
13. Date Spudded 14. Date T.D. Reached 15. Date Rig Released 2/1/2014 16. Date Completed (Ready to Produce) 17. Elevations (DF and RKB, RT, GR, etc.)										
18. Total Measured Depth of Well	19. Plug Bac	ck Measured Depth	20	. Was Directio	nal Survey Made		oe Electric and O			
22. Producing Interval(s), of this completion	- Top, Bottom, Na	ame	·			OI	L COMS. DII DIST. 3	r. a		
23.		ECORD (Report				VO DECORD		DITT I CO		
CASING SIZE WEIGHT LE	3./FT.	DEPTH SET	HC	DLE SIZE	CEMENTI	NG RECORD	AMOUNT	PULLED		
24.	LIN	ER RECORD			 25.		ORD			
	OTTOM	SACKS CEMENT	SCREE!		SIZE	DEPTH SE		ER SET		
26. Perforation record (interval, size, and r	umbar)		27. 40	ID CHOT E	RACTURE, C	EMENIT SOL	PEZE ETC			
20. Ferroration record (interval, size, and i	iuiiioei)			INTERVAL			TERIAL USED			
00		DD.	ODUCT	ION		-				
28. Date First Production Produ	iction Method (Flo	owing, gas lift, pump			Well Statu	ıs (Prod. or Shu	(-in)	•		
	,									
Date of Test Hours Tested C	Choke Size	Prod'n For Test Period	Oil - Bb	1 (Gas - MCF	Water - Bbl	. Gas - 0	Oil Ratio		
1	Calculated 24- Hour Rate	Oil - Bbl.	Gas	- MCF	Water - Bbl.	Oil Gr	avity - API - <i>(Cor</i>	r.)		
29. Disposition of Gas (Sold, used for fuel, ve	ented, etc.)					30. Test Witn	essed By			
31. List Attachments										
32. If a temporary pit was used at the well, a										
33. If an on-site burial was used at the well, i	report the exact lo			-						
I hereby certify that the information	shown on bot	Latitude 30	<u>6.25101 N</u> rm is true	and comple	Longitude te to the best	of my knowle	18W N	AD 1983 f.		
Signature:	Printe	d Name: Mark 1 I Address: mark	Heil ′	Гitle: Regu	ilatory Specia	list Da	te: 9/24/14			



Permit # 11541

Mr. Jonathan Kelly,

The Chaco 2306-06L #239H temporary pit closure package did not contain the surface owner notification. The notification is stapled to this letter as a sundry accepted by Bureau of Land Management on August 19th, 2013. The notification to the surface owner did not meet NMOCD's time requirement of 72 hours. Page 7 of 34 has been modified to reflect this and is also stapled to this page. Additionally, upon reviewing the surface owner notification, it became apparent that the sundry was mislabeled as the "Chaco 2306-06L #179H", which was on the same well pad. The sundry should have read "Chaco 2306-06L #239H".

Thank you,

Mark Heil

Regulatory Specialist

OIL CONS. DIV DIST. 3

OCT 2 3 2014

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

Temporary Pit In-place Closure Report Drilling/Completion and Workover (Groundwater >100 feet bgs)

Well: Chaco 2306-06L #239H

API No: 30-039-31204

Location: L-S06-T23N-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 Production, LLC (WPX) 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 FAO dated October 30, 2008 and posted on the NMOCD website.</u>

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.

Free liquids were not present at the reserve pit following the completion rigoff. Therefore, no liquids were hauled.

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 (12/27/2013). However, since the pit was located in an area of fill on the well pad, it was dug and hauled to Envirotech, Inc. Soil Remedation Facility, #43 Rd 7175 (16 miles south of Bloomfield, NM) on (2/7/2014).

3. 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. However, the closure was not completed within the 72 hrs that the letter was sent as required by NMOCD. WPX Energy will attempt to plan this process more thoroughly and ensure that the surface owner notification is sent to the surface owner on time, as required by NMOCD. 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, recontoured and reseeding in progress.

<u>Drill rig-off (2/1/2014).</u> Completion Rig-off (3/9/2014) Pit covered (2/9/2014). 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.

- 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 (12/17/2013) is attached.

AUG 2 0 2013

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED OMB No. 1004-0137

Expires: March 31, 2007

5.	Lease	Serial	No.

WP SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an 5F-078360
6. If Indian, Allottee or Tribe Name

abandoned well. Use Form 3160-3 (APD) for such proposals SUBMIT IN TRIPLICATE - Other instructions on page 2 . If Unit of CA/Agreement, Name and/or No. 1. Type of Well AUG 15 2013 8. Well Name and No. CHACO 2306-06L #179H Oil Well Gas Well Other Farmington Field Office 2. Name of Operator 9. API Well No. Bureau of Land Managem WPX Energy Production, LLC **30-39-31190** 3a. Address 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area PO Box 640 Aztec, NM 87410 505-333-1806 LYBROOK GALLUP 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 11. Country or Parish, State SHL: 1680' FSL & 591' FWL | SEC 6 23N 6W Rio Arriba, NM BHL: 380' FSL & 380' FWL SEC 1 23N 7W 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Water Shut-Off Acidize Deepen Production (Start/Resume) Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Other Temp Pit Notification Casing Repair New Construction Recomplete Subsequent Report Changé Plans Plug and Abandon Temporarily Abandon Convert to Water Disposal Final Abandonment Notice Plug Back Injection 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) This correspondence is to notify the BLM that WPX Energy Production, LLC. is planning to use a temporary pit associated with the drilling and completion/reentry/other of the reference well and following discontinued use of the pit will close by onsite The planned closure is consistent with the Surface Use Plan submitted with burial. WPX APD. This notice is to comply with the NMOCD Pit Rule 19.15.17 NMAC requirement to notify surface owners of the operator's intended closure method. If site conditions do not allow WPX to close in-place, we will provide your office with prior notice should the BLM have any concerns. Please contact us if there are any questions or additional information is required

Date 8/15/2013 Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by ACCEPTED FOR RECORD Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or AUG 1 9 2013 certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon.

Title Regulatory Specialist

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department of the control of the contr United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Ben Mitchell