District 1 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

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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 a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or						
Proposed Alternative Method Permit or Closure Plan Application						
Yor Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method						
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request						
lease be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the nvironment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.						
1. Operator: WPX Energy Production, LLC OGRID #: 120782						
Address: PO Box 640 / 721 S Main Aztec, NM 87410						
Facility or well name:Chaco 2408-32P #114H (FKA <u>Lybrook 24-8-32)</u>						
API Number: _30-045-35441 OCD Permit Number:						
U/L or Qtr/Qtr P Section 32 Township 24N Range 8W County: San Juan						
Center of Proposed Design: Latitude <u>36.26670</u> Longitude <u>-107.69811</u> NAD: ∐1927 ⊠ 1983						
Surface Owner: 🗌 Federal 🖾 State 🗋 Private 🗋 Tribal Trust or Indian Allotment						
2. ☑ Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: ☑ Drilling □ Workover OIL CONS. DIV. □ Permanent □ Emergency □ Cavitation □ P&A ☑ Lined □ Unlined □ Unlined Liner type: Thickness 20 mil ☑ LLDPE □ HDPE □ PVC □ Other DIST. 3 □ String-Reinforced Liner Seams: ☑ Welded ☑ Factory Other ☑ Volume: 9.000 bit Dimensions: L 50' x W 70' x D 15' 3. □ □ Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: □ P&A □ Prilling a new well □ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of						
intent)						
Drying Pad Above Ground Steel Tanks Haul-off Bins Other						
Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other						
Liner Seams: Welded Factory Other						
4. Delow-grade tank: Subsection I of 19.15.17.11 NMAC Volume:						
 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: Thickness mil HDPE PVC Other 						
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off Visible sidewalls and liner Visible sidewalls only Other Iner type: Thickness Mil HDPE PVC Other						

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)

Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)

Four foot height, four strands of barbed wire evenly spaced between one and four feet

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

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)

Screen Netting Other_

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Monthly inspections (If netting or screening is not physically feasible)

Signs: Subsection C of 19.15.17.11 NMAC

12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

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 office for consideration of approval.

Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

10. Siting Criteria (regarding permitting): 19.15.17.10 NMAC

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 acception material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appro office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry above-grade tanks associated with a closed-loop system.	ptable source opriate district opproval. ving pads or
 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
 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.	☐ Yes ⊠ No

- FEMA map

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 19.15.17.12 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC 	
X 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:	
12. <u>Closed-loop Systems Permit Application Attachment Checklist</u> : 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.	
 Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the 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 19.15.17.9 NMAC and 19.15.17.13 NMAC 	
Previously Approved Design (attach copy of design) API Number:	
Previously Approved Operating and Maintenance Plan API Number:	
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 Leak Detection Design - 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 19.15.17.11 NMAC Preeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Emergency Response Plan Oil Field Waste Stream Characterization Mointering and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements 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) □ 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 Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	

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^{16.} Waste Removal Closure For Closed-loop Systems That Utilize Above Ground St Instructions: Please identify the facility or facilities for the disposal of liquids, drill	eel Tanks or Haul-off Bins Only: (19.15.17.13.D ling fluids and drill cuttings. Use attachment if ma	NMAC) pre than two				
facilities are required.						
Disposal Facility Name: D	isposal Facility Permit Number:					
Disposal Facility Name: Disposal Facility Permit Number:						
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that <i>will not</i> be used for future service and operations? Yes (If yes, please provide the information below) No						
Required for impacted areas which will not be used for future service and operations. Soil Backfill and Cover Design Specifications based upon the appropriate regulation Re-vegetation Plan - based upon the appropriate requirements of Subsection 1 of Site Reclamation Plan - based upon the appropriate requirements of Subsection	equirements of Subsection H of 19.15.17.13 NMAC of 19.15.17.13 NMAC of of 19.15.17.13 NMAC	2				
^{17.} Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the clo provided below. Requests regarding changes to certain siting criteria may require a considered an exception which must be submitted to the Santa Fe Environmental B demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for	osure plan. Recommendations of acceptable sour administrative approval from the appropriate distr Pureau office for consideration of approval. Justig guidance.	ce material are ict office or may be fications and/or				
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 of	btained 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 of	btained from nearby wells	□ Yes ⊠ No □ NA				
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						
 Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant (measured from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site 	ficant watercourse or lakebed, sinkhole, or playa	🗌 Yes 🛛 No				
Within 300 feet from a permanent residence, school, hospital, institution, or church ir - Visual inspection (certification) of the proposed site; Aerial photo; Satellite in	existence at the time of initial application. nage	🗌 Yes 🛛 No				
Within 500 horizontal feet of a private, domestic fresh water well or spring that less the watering purposes, or within 1000 horizontal feet of any other fresh water well or spring - NM Office of the State Engineer - iWATERS database; Visual inspection (ce	han five households use for domestic or stock ing, in existence at the time of initial application. rtification) of the proposed site	🗌 Yes 🖾 No				
 Within incorporated municipal boundaries or within a defined municipal fresh water v adopted pursuant to NMSA 1978, Section 3-27-3, as amended. Written confirmation or verification from the municipality; Written approval 	well field covered under a municipal ordinance obtained from the municipality	🗌 Yes 🖾 No				
 Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual in the second second	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 at	nd Mineral Division	🗌 Yes 🛛 No				
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Society; Topographic map 	è Mineral Resources; USGS; NM Geological	🗌 Yes 🛛 No				
Within a 100-year floodplain. - FEMA map		🗌 Yes 🛛 No				
 18. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the f by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of S Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of a drying pad Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad Protocols and Procedures - based upon the appropriate requirements of 19.15.1 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Struction Design Plan - based upon the appropriate requirements of Struction Sampling Plan - based upon the appropriate requirements of Struction Design Plan Plan - based upon the appropriate requirements of Struction Design Plan and Parnit Number (for liquide drilling fluide act d	<i>following items must be attached to the closure pla</i> rements of 19.15.17.10 NMAC ubsection F of 19.15.17.13 NMAC opriate requirements of 19.15.17.11 NMAC) - based upon the appropriate requirements of 19.1 7.13 NMAC rements of Subsection F of 19.15.17.13 NMAC ubsection F of 19.15.17.13 NMAC	an. Please indicate,				

Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
 Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

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

19. Operator Application Certification: Ubasely corrify that the information submitted with this application is two accurate and complete to the best of my knowledge and belief
Name (Print): Ben Mitchell Title: Regulatory Specialist
Signature: Date:
e-mail address: <u>ben.mitchell@wpxenergy.com</u> Telephone: <u>505-333-1806</u>
20. <u>OCD Approva</u> l: Permit Application (including closure plan) 🔀 Closure Plan (only) 🔲 OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: 8/19/2013
Title: Compliance Consec O OCD Permit Number:
21. <u>Closure Report (required within 60 days of closure completion)</u> : 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: _7/8/2013
 22. Closure Method: Waste Excavation and Removal X On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain.
23. <u>Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:</u> 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 <i>will not</i> 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:
Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique
^{24.} <u>Closure Report Attachment Checklist</u> : 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)
Confirmation Sampling Analytical Results (if applicable)
Waste Material Sampling Analytical Results (required for on-site closure)
Soil Backfilling and Cover Installation
Re-vegetation Application Rates and Seeding Technique
On-site Closure Location Latitude 36.26670 Longitude -107.69811 NAD: 1927 X 1983
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: RMM Date: 8/14/2013
e-mail address: <u>ben.mitchell@wpxenergy.com</u> Telephone: <u>505-333-1806</u>

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

Well:	(Chaco 2408-32P #114H)
API No:	30-045-35441
Location:	P-S32-T24N-R08W, 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 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> <u>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.

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 12/13/2012

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)

<u>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.</u>

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 (2/17/2013). Request for transfer to completion rig submitted 2/20/2013 to OCD Aztec District Office, Completion rig-off (4/5/2013) Pit covered 7/8/2013. 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 07/02/2013 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 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. 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 7/6/2013

8. 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 >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	2500	404
GRO/DRO	EPA SW-846 Method 8015M (GRO/DRO)	500	192
Chlorides	EPA SW-846 Method 300.1	500	162

9. Upon completion of solidification 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.

<u>Upon completion of solidification and testing, the pit area was backfilled with non-waste earthen</u> 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. 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 and the direction offered by a BLM/USFS inspector. Cover and re-contouring were completed 7/8/2013

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

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 fourfoot 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 Production, NMSF-078768, S32-T24N-R08W-F, "Pit Burjal" (photo attached). Steel marker set 7/25/2013.





Analytical Report

Report Summary

Client: WPX Energy, Inc. Chain Of Custody Number: 15863 Samples Received: 7/16/2013 11:00:00AM Job Number: 04108-0137 Work Order: P307046 Project Name/Location: Chaco 2408-32 P #114 H

Date: 7/23/13

Entire Report Reviewed By:

Tim Cain, Laboratory 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.

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

Ph (505) 632-0615 Fx (505) 632-1865 Ph (970) 259-0615 Fr (800) 362-1879 envirotech-inc.com laboratory@envirotech-inc.com

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WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #114 H	
PO Box 21218	Project Number:	04108-0137	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	23-Jul-13 10:23

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Cuttings Pit	P307046-01A	Soil	07/12/13	07/16/13	Glass Jar, 4 oz.

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WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358	Project Name: Project Number: Project Manager:		Chaco 2408-32 P # 04108-0137 Buddy Shaw		#114 H			Reported 23-Jul-13 1	l: 0:23
		Cu P30704	ttings Pit 46-01 (Sol	t liđ)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	2.50	mg/kg	50	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
Toluene	ND	2.50	mg/kg	50	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
Ethylbenzene	ND	2.50	mg/kg	50	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
p,m-Xylene	ND	2.50	mg/kg	50	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
o-Xylene	ND	2.50	mg/kg	50	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
Total Xylenes	ND	2.50	mg/kg	50	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
Total BTEX	ND	2.50	mg/kg	50	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
Surrogate: Bromochlorobenzene		100 %	80-	120	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.8 %	80-	120	1329016	7-Jul-13	18-Jul-13	EPA 8021B	
Surrogate: Fluorobenzene		94.3 %	80-	120	1329016	17-Jul-13	18-Jul-13	EPA 8021B	
Nonhalogenated Organics by 8015		·							
Gasoline Range Organics (C6-C10)	6.68	4.99	mg/kg	1	1329015	17-Jul-13	17-Jul-13	EPA 8015D	
Diesel Range Organics (C10-C28)	185	4.99	mg/kg	1	1329015	17-Jul-13	17-Jul-13	EPA 8015D	
GRO and DRO Combined Fractions	192	4.99	mg/kg	1	1329015	17-Jul-13	17-Jul-13	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1		<u></u>							
Total Petroleum Hydrocarbons	404	20.0	mg/kg	1	1329018	17-Jul-13	17-Jul-13	EPA 418.1	
Cation/Anion Analysis			·				<u> </u>		
Chloride	162	10.0	mg/kg	1	1329017	17 - Jul-13	17 - Jul-13	EPA 300.0	

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WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #114 H	
PO Box 21218	Project Number:	04108-0137	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	23-Jul-13 10:23

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

	<u> </u>	Reporting		Spike	Source	0/550	%REC		RPD	
Anaiyie	Result	Limit	Units	Level	Result	%REC	Limits	KPD	Limit	Notes
Batch 1329016 - Purge and Trap EPA 5030A		<u></u>						•		
Blank (1329016-BLK1)				Prepared: 1	7-Jul-13 A	nalyzed: 1	8-Jul-13			
Benzene	ND	2.50	mg/kg							
Toluene	ND	2.50	н							
Ethylbenzene	ND	2.50								
p,m-Xylene	ND	2.50								
o-Xylene	ND	2.50								
Total Xylenes	ND	2.50								
Total BTEX	ND	2.50						_		
Surrogate: Bromochlorobenzene	46.6		ug/L	50.0		93.1	80-120			
Surrogate: 1,4-Difluorobenzene	46.8		"	50.0		93.5	80-120			
Surrogate: Fluorobenzene	46.4		"	50.0		92.7	80-120			
Duplicate (1329016-DUP1)	So	urce: P307046-	01	Prepared: 1	1 <u>7-Jul-1</u> 3 A	nalyzed: 1	8-Jul-13			
Benzene	ND	2.50	mg/kg ·		ND				30	
Toluene	ND	2.50			ND				30	
Ethylbenzene	ND	2.50			ND				30	
p,m-Xylene	ND	2.50	μ		ND				30	
o-Xylene	ND	2.50			ND				30	
Surrogate: Bromochlorobenzene	51.9		ug/L	50.0		104	80-120			
Surrogate: 1,4-Difluorobenzene	48.5		"	50.0		97.0	80-120			
Surrogate: Fluorobenzene	48.3		"	50.0		96.7	80-120			
Matrix Spike (1329016-MS1)	So	urce: P307046-	-01	Prepared: 1	17-Jul-13 A	nalyzed: 1	8-Jul-13			
Benzene	48.3		ug/L	50.0	0.52	95.5	39-150			
Toluene	48.3		"	50.0	0.68	95.3	46-148			
Ethylbenzene	48.2		"	50.0	0.35	95.8	32-160			
p,m-Xylene	96.5		н	100	0.92	95.6	46-148			
o-Xylene	48.1			50.0	0.42	95.4	46-148			
Surrogate: Bromochlorobenzene	51.4		"	50.0		103	80-120			
Surrogate: 1,4-Difluorobenzene	47.3		n	50.0		94.7	80-120			
Surrogate: Fluorobenzene	47.3		"	50.0		94.7	80-120			

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WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #114 H	
PO Box 21218	Project Number:	04108-0137	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	23-Jul-13 10:23

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1329015 - GRO/DRO Extraction	on EPA 3550C									
Blank (1329015-BLK1)				Prepared &	Analyzed:	17-Jul-13				
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg							
Diesel Range Organics (C10-C28)	ND	5.00	"							
GRO and DRO Combined Fractions	ND	5.00	"							
Duplicate (1329015-DUP1)	Sour	ce: P307046-	01	Prepared &	Analyzed:	17-Jul-13				
Gasoline Range Organics (C6-C10)	6.90	5.00	mg/kg		6.68			3.24	30	
Diesel Range Organics (C10-C28)	173	5.00	"		185			6.99	30	
Matrix Spike (1329015-MS1)	Sour	ce: P307046-	01	Prepared &	z Analyzed:	17-Jul-13				_
Gasoline Range Organics (C6-C10)	266	5.26	mg/kg	263	6.68	98.7	75-125			
Diesel Range Organics (C10-C28)	467	5.26	"	263	185	107	75-125			

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WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #114 H	
PO Box 21218	Project Number:	04108-0137	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	23-Jul-13 10:23

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

		Baparting		Spiles	Course		0/DEC		- PDD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1329018 - 418 Freon Extraction										
Blank (1329018-BLK1)				Prepared &	Analyzed:	17-Jul-13				
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1329018-DUP1)	Sourc	e: P307046-	01	Prepared &	Analyzed:	1 7-Jul-1 3				
Total Petroleum Hydrocarbons	396	20.0	mg/kg		404			1.98	30	
Matrix Spike (1329018-MS1)	Sour	ce: P307046-	01	Prepared &	Analyzed:	17-Jul-13				
Total Petroleum Hydrocarbons	2260	20.0	mg/kg	2000	404	93.0	80-120			

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WPX Energy, Inc. PO Box 21218 Tulsa OK, 74121-1358	Proj Proj Proj	ect Name: ect Number: ect Manager:	C 04 B	haco 2408-32 108-0137 uddy Shaw	2 P #114 H				Report 23-Jul-13	ed: 10:23
	Cati En	on/Anion A	Analysis Analyti	- Quality cal Labor	Control atory					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1329017 - Anion Extraction EPA 300.0										
Blank (1329017-BLK1)				Prepared 8	& Analyzed:	17-Jul-13				
Chloride	ND	10.0	mg/kg							
Duplicate (1329017-DUP1)	Sou	rce: P307046-	01	Prepared &	k Analyzed:	17-Jul-13				
Chloride	159	9.99	mg/kg		162			1.68	30	

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WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #114 H	
PO Box 21218	Project Number:	04108-0137	Reported:
Tulsa OK, .74121-1358	Project Manager:	Buddy Shaw	23-Jul-13 10:23

Notes and Definitions

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)

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

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CHAIN OF CUSTODY RECORD

		CF	Iain O	FC	US	TC)D	Y	R	E(CC)F	2C)			1	58	863	1		e ,
Client: WPX	Project Name / Location: Chaco 2408-32P#114H									ANALYSIS / PARAMETERS												
Email results to: Budd 4 Shaw		Sa	Impler Name: DOLNA Y	5472	ICON				3015)	1 8021)	8260)	s				-						
Client Phone No.: 3337 1578		Cli	ent No.: 이내(28-	0137				Method 8	(Methoc	Method	8 Metal	/ Anion		with H/F	ble 910-	418.1)	RIDE			le Cool	le'Intact
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./ of Co	Volume ontainers	Рі нію ₃	reservat нсі	live	TPH (I	втех	VOC (RCRA	Cation	RCI	TCLP	CO Ta	TPH (CHLO			Samp	Samp
Cuttings Pit	7/12/13	11:00 Am	P307046-01		1					/											<u> </u>	<u>y</u>
							<u> </u>															
																					-	
				Dete	Time																	
Heinquished by: (Signature)	\geq			-7/16/13	11:00 14m	Hecei	ved b	iy: (Si		ure)										7-16/	3]	00
Relinquished by: (Signature)						Recei	ved b	ıy: (Si	ignati	ure)						•	د					
Sample Matrix Soil 🕵 Solid 🗂 Sludge 🗋	Aqueous 🗌	Other 🗌																				
Sample(s) dropped off after	hours to see	cure drop of	if area.	30	P N V Anal	Îľ (ytico		e (atory					ī. 1								
5795 US Highway 64	4 • Farmingto	on, NM 8740	1 • 505-632-0615 • T	hree Spri	ngs • 65 N	lercad	do Stre	eet, Su	uite I	15, Du	urango	o, CÓ	5 813	01 • 1	İabor	atory	@env	virote	ch-inc	com		

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District II 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 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

OIL CONSERVATION DIVISION

Form C-102 Revised August 1, 2011

Submit one copy to Appropriate District Office

AMENDED REPORT

1220 South St. Francis Drive Santa Fe, NM 87505





Meador, Tasha

· ·

From:	Glenn Shelby [glenn@adobecontractorsinc.com]
Sent:	Tuesday, July 02, 2013 12:03 PM
То:	Brandon Powell (NMOCO)
Cc:	Meador, Tasha; Granillo, Lacey; Mitchell, Ben; Johnny Stinson
Subject:	WPX Energy Pit Closure/ Reclamation

Brandon,

Beginning Friday July 5th we will start backfilling the Chaco 2408-32P #114H reserve pit. If you have any questions or concerns call me.

Thanks,

Glenn Shelby

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

1

Submit fo Appropriaté District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240				State of New Mexico Energy, Minerals and Natural Resources							Form C-105 July 17, 2008							
District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. S. Francis Dr. Santa Fe, NM 87505				Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505							30-045-35441 2. Type of Lease X STATE FEE □ FED/INDIAN 3. State Oil & Gas Lease No. 1 7 4 9 2							
WELL	COMPL	ETION		COMF	PLETIC	N REP	OR			LOG	1411							
4. Reason for fil	ing:											5. Lease Nam	e or U	nit Agree	ment Na	ame		
	ION REPO	BT (Fill in l	oves #1 i	through #	31 for Stat	e and Fee y	welle	only)						Cl	haco			
C-144 CLOS #33; attach this a	SURE AT	TACHMEN to the C-144	Γ (Fill in closure re	boxes #1 eport in ac	through #9	9, #15 Date with 19.15.	e Rig .17.11	Releas 3.K NN	sed an	nd #32 and/)	'or	6. Well Number: Chaco 2408-32P #114H						
 Type of Comp NEW Name of Operation 	oletion: WELL C ator WP	WORKOVE X Energy Pro	ER 🔲 DI duction,L	eepenin .LC	IG 🗌 PLI	UGBACK		DIFFEF	REN	<u>r reserv</u>	OIR	9. OGRID		-track 82				
				7700 N	14 07410													
10. Address of O	perator I	P.O. BOX 64	ј А 	ZTEC, N	M 8/410				,			11. Pool name	or W	Ildcat				
12.Location	Unit Ltr	Section	Te	ownship	Rang	e	Lot			Feet from th	he	N/S Line	Feet	from the	E/W I	Line	County	
Surface:															 			
BH:																		
13. Date Spudded	ed Depth of	of Well	ied	15. Date	Rig Releas 4/5/2 Back Meas	sed 2013 sured Dept	 h		16. L	Date Comple	eted	(Ready to Prod	luce)	21 Tvr	7. Elevat T, GR, e	tions (DF etc.)	and RKB,	
22. Producing In	erval(s), of	f this complet	ion - Top	, Bottom,	Name													
									_									
23.	212	100000		\underline{CA}	ASING	RECC	<u>PRI</u>) (Re	epo	rt all str	ring	s set in w	ell)	0000		(0) 0 //		
CASING SI	ZE	WEIGHT	LB./FT.		DEPTI	1561			HOL	E SIZE		CEMENTIN	<u>G RE</u>	CORD	A	MOUNT	PULLED	
24	l.				INTED DE					r								
SIZE	ТОР		воттс	DM	SACI	KS CEME	NT	SCRE	EEN		25. SIZ	E	DE	EPTH SE	<u>r</u>	PACK	ER SET	
			L	_														
26. Perforation	record (in	terval, size, a	nd numbe	1000 1000 1000 1000 1000 1000 1000 100					FR/	ACTURE, CE	MEN ND K	IT, SQU	EEZE,	ETC.				
						n												
28.	tion	P	oduction	Method (Flowing	ras lift nur	min	JUU L-Size	$\frac{\mathbf{CI}}{and}$	IUN		Well Status	(Proc	t or Shut	<i>in</i>)			
Baterroud						500 i.j., pui		, 0.20	una	<i>type pump</i>)		, , en otació	(1700	. or snut	,			
Date of Test	Hours	Tested	Choke	Size	Prod'ı	ı For		Oil - I	Bbl		Gas	- MCF	Wa	ater - Bbl.		Gas - C	il Ratio	
					Test F	Period												
Flow Tubing Press.	Casing	Pressure	Calcula Hour R	ated 24- Rate	Oil - I	Bbl.		G	ias - i	MCF		Water - Bbl.		Oil Gra	vity - A	Pl - <i>(Cor</i>	r.)	
29. Disposition o	f Gas <i>(Sold</i>	l, used for fue	l, vented.	etc.)	I		<u> </u>						30. 1	est Witne	essed By			
31. List Attachm	ents																	
32. If a temporar	y pit was u	sed at the wel	l, attach a	a plat with	the locati	on of the te	empo	rary pit	t.									
33. If an on-site l	ourial was a	used at the wo	ell, report	the exact	location o	f the on-sit	e bur	ial:										
Latitude 36.266704 Longitude: 107.69811 NAD 1983 I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Bionature Z	en Mitch	ell Nh	Print	ed Nam	<u>ie</u>		 T'	itle	Reo	ulatory S	nec	ialist Date	8	Mula) /?			
Signature	<u>, , , , , , , , , , , , , , , , , , , </u>					<u></u>			102	<u>anatory o</u>	<u>.pcc</u>			1 100			• •	
E-mail Addre	<u>ss: ben.i</u>	nitchell@y	vpxenei	rgy.com	<u>i</u>													

	Willia	ms.	TEMPORARY PIT INSPECTION REPORT											
Well Name	СН	ACO 2408-32P #1	14H	Field Name		LYBROOK		API#	30-045-35441	Report #				
Location				County		SAN JUAN		State	NM	Rpt Date	1/3/2013			
Date	Report Type	Inspector	Liner Intact Y/N	Fenced Y/N	Slopes Intact Y/N	Adequate Freeboard Y/N	Oil Free Y/N	Flare Pit Liquid Free Y/N						
1/3/13	Daily								CLOSED MUD L	OOP SYSTEM, N	O SPILLS, NO			
1/4/13	Daily		Y						CLOSED LOOP	SYSTEM, NO LEA	KS / NO SPI			
1/5/13	Daily		Y											
1/6/13	Daily		Y						CLOSED LOOP	SYSTEM. NO LEA	AKS / NO SPI			
1/7/13	Daily		Y						CLOSED LOOP	SYSTEM, NO LEA	AKS / NO SPI			
1/8/13	Daily		Y						CLOSED LOOP	SYSTEM, NO LE	AKS / NO SPI			
1/9/13	Daily		Y						CLOSED LOOP	SYSTEM, NO LE	KS / NO SPI			
1/10/13	Daily		Y						CLOSED LOOP	SYSTEM. NO LE	KS / NO SPI			
1/11/13	Daily		Y						CLOSED LOOP	SYSTEM. NO LE	AKS / NO SPI			
1/12/13	Daily		Y						CLOSED LOOP	SYSTEM. NO LEA	KS / NO SPI			
1/13/13	Daily		Y						CLOSED LOOP	SYSTEM, NO LE	AKS / NO SPI			
1/14/13	Daily		Y						CLOSED LOOP	SYSTEM. NO LEA	AKS / NO SPI			
1/15/13	Daily		Y		·		_		CLOSED LOOP	SYSTEM. NO LE	KS / NO SPI			
1/16/13	Daily								CLOSED LOOP	NO LEAKS & NO	SPILLS.			
1/17/13	Daily								CLOSED LOOP	NO LEAKS OR S	PILLS.			
1/18/13	Daily		<u> </u>	L			1		CLOSED LOOP	: NO LEAKS, NO	SPILLS			
1/19/13	Daily		<u> </u>	L					CLOSED LOOP	SYSTEM, NO LE	AKS OR SPIL			
1/20/13	Daily			<u> </u>		l		ļ	CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/21/13	Daily					<u>.</u>			CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/22/13	Daily								CLOSED LOOP	NO LEAKS OR S	PILLS.			
1/23/13	Daily		ļ	<u> </u>		L		<u> </u>	CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/24/13	Daily								CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/25/13	Daily							ļ	CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/26/13							1		CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/27/13	Daily								CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/28/13	Daily								CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/29/13	Daily								CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/30/13	Daily		ļ		 				CLOSED LOOP	NO LEAKS, NO	SPILLS.			
1/31/13	Daily					ļ			CLOSED LOOP	, NO LEAKS, NO S	SPILLS.			
2/1/13	Daily			ļ					CLOSED LOOP	NO LEAKS, NO	SPILLS.			
2/2/13	Daily			ļ				L	CLOSED LOOP	NO LEAKS, NO	SPILLS.			
2/3/13	Daily		ļ			<u>_</u>	<u> </u>		CLOSED LOOP	NO LEAKS, NO	SPILLS.			
2/4/13	Daily		+	<u> </u>			ļ	<u> </u>	CLOSED LOOP	, NO SPILLS, NO	LEAKS.			
2/5/13	Daily		<u> </u>	<u> </u>					CLOSED LOOP	NO LEAKS, NO	SPILLS.			
2/6/13	Daily	ļ	<u> </u>		<u></u>	·		<u> </u>	CLOSED LOOP	NO SPILLS, NO	LEAKS.			
2/7/13	Daily	·				ļ	<u> </u>		CLOSED LOOP	NO LEAKS, NO	SPILLS.			
2/8/13	Daily		+				┼───		CLOSED LOOP	NO LEAKS, NO	SPILLS.			
2/9/13	Daily		-		<u> </u>	<u> </u>	 		ICLOSED LOOP	NO LEAKS, NO	SPILLS.			
2/10/13	Daily				<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>		CLOSED LOOP	NO LEAKS, NO				
2/11/13	Daily								CLOSED LOOP	NO LEAKS, NO				
2/12/13	Daily	·	<u> </u>					<u> </u>	CLOSED LOOP	NO LEAKS, NO				
2/13/13	Daily		<u> </u>						CLOSED LOOP	NO LEAKS, NO				
2/14/13	Daily	<u>}</u>	<u> </u>	<u>+</u>		<u> </u>		<u>}</u>		NO LEAKS, NO	SPILLO.			
2/15/13	Daily	<u> </u>	+	<u>+</u>						NO LEAKS, NO				
2/16/13		{	+	<u> </u>	<u>├</u>	<u> </u>		<u>+</u>		NO LEAKS, NO				
2/1//13	Daily	<u> </u>	+		<u> </u>	+	+	<u> </u>	ICLOSEED LOC	F, NU LEAKS, NO	OPILLS. CLE			
2/21/2012	Mooth			+		1	┨───	+	+					
	Meetity	<u>}</u>	+			<u>+</u>			<u> </u>		<u> </u>			
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