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.

Pit, Below-Grade Tank, or
12916 Proposed Alternative Method Permit or Closure Plan Application

OIL CONS. DIV DIST. 3
MAY 13 2015

Type of action: 45-35491
- ☐ Below grade tank registration
- ☐ 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
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

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

Please 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 environment. 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 115H
API Number: 30-045-35491 OCD Permit Number:
U/L or Qtr/Qtr P Section 32 Township 24N Range 8W County: San Juan
Center of Proposed Design: Latitude 36.26472 Longitude -107.69766 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
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☒ yes ☐ no
☒ 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
Volume: bbl Type of fluid:
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: Thickness mil ☐ HDPE ☐ PVC ☐ Other

4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
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 As per BLM specifications

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

8.

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

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

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. ☐ Yes ☒ No ☐ NA

- ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☒ Data obtained from nearby wells

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . ☐ Yes ☒ No ☐ NA

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

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)** ☐ Yes ☒ No

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** ☐ Yes ☒ No

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

Within an unstable area. **(Does not apply to below grade tanks)** ☐ Yes ☒ No

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

Within a 100-year floodplain. **(Does not apply to below grade tanks)** ☐ Yes ☒ No

- FEMA map

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;. ☐ Yes ☐ No

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

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.) ☐ Yes ☒ No

- Topographic map; Visual inspection (certification) of the proposed site

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. ☐ Yes ☒ No

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. ☐ Yes ☒ No

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ 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	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☒ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☒ 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: 30-045-35491 or Permit Number: _____

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 documents are 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 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, 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

13.

Proposed Closure: 19.15.17.13 NMAC

Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☒ Drilling ☒ Completion ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ 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

14.

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 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
- ☐ Site Reclamation 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 source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ 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	☒ Yes ☐ No ☐ NA
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 ☒ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
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 ☒ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☒ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☒ No

16.
On-Site 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.***

- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☒ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☒ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards 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 H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure ~~Plan (only)~~ ☐ OCD Conditions (see attachment)

OCD Representative Signature: Jonathan D. Kelly **Approval Date:** 6/8/2015

Title: Compliance Officer **OCD Permit Number:** _____

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. 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:** 2/7/2014

20.
Closure Method:

☐ Waste Excavation and Removal ☒ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure 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
- ☒ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36.26472 Longitude -107.69766 NAD: ☐ 1927 ☒ 1983

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Marie E. Jaramillo Title: Permit Tech

Signature: Date: 5/13/15

e-mail address: Mariejaramillo@wpxenergy.com Telephone: 505-333-1808

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 2408 32P #115H
API No: 30-045-35491
Location: P-Section 32-Township 24N-Range 8W, 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)
  A deed notice is not required on state, federal or tribal land according to NMOCD FAQ dated October 30, 2008 and posted on the NMOCD website.

General Plan Requirements:

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

Free liquids were not present at the reserve pit following the completion rig off. 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 9/3/2013 & modified an additional approval on 04/4/2014.

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. No return receipt required per BLM:FFO/NMOCD MOU dated 5/4/09.

4. Within six months of the "rig-off" status occurring WPX will ensure that the temporary pit is covered, re-contoured and reseeding in progress.

Drill rig-off 10/26/13. Completion Rig-off 11/27/13 Pit covered 2/7/14. 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 2/3/14 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 track hoe. The mixing ration was approximately 2.5-3 parts native soil to 1 part pit contents. Solidification was completed 2/7/14.

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	N/D
BTEX	EPA SW-846 Method 8021B or 8260B	50	N/D
TPH	EPA SW-846 Method 418.1	2500	391
GRO/DRO	EPA SW-846 Method 8015M (GRO/DRO)	500	8.73/382
Chlorides	EPA SW-846 Method 300.1	500	90.8

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 re-vegetation for successful evapo-transpiration. A minimum of four feet cover including replacement of one foot of suitable material to establish vegetation, or the background thickness of topsoil, whichever is greater.

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

10. Following cover, the site will be re-contoured to meet the Surface Management Agency or surface owner requirements. Re-contouring will attempt to match fit, shape, line form, and texture of the surrounding geography. Re-shaping will include drainage control, prevent ponding, and minimize erosion. Natural drainages will be unimpeded and storm water 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 *2/9/14*

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.

The temporary pit was located with a steel marker meeting the above listed specifications. The marker has the following information welded for future reference WPX ENERGY Section 32-Township 24N-Range 8W Unit letter P, "Pit Burial" (photo attached). Steel marker set *4/20/15.*

Jonathan,

Please Note:

On September 3, 2013, Lacey Granillo from WPX Energy sent out a correspondence notification to the State of New Mexico with the plans for the use of a temporary pit associated with Drilling and Completions. A 72 hour notification for the Pit Closure was sent to Brandon Powell at NMOCD but the State land Office was not included due to a miss-understanding between the State Land Office and the NMOCD office.

Thanks,

Marie E. Jaramillo

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

1220 South St. Francis Drive
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-35491	47540	NAGEEZI GALLUP

[4] Property Code	[5] Property Name	[6] Well Number
39590	CHACO 2408-32P	115H

[7] OGRID No.	[8] Operator Name	[9] Elevation
120782	WPX ENERGY PRODUCTION, LLC	7035'

[10] Surface Location

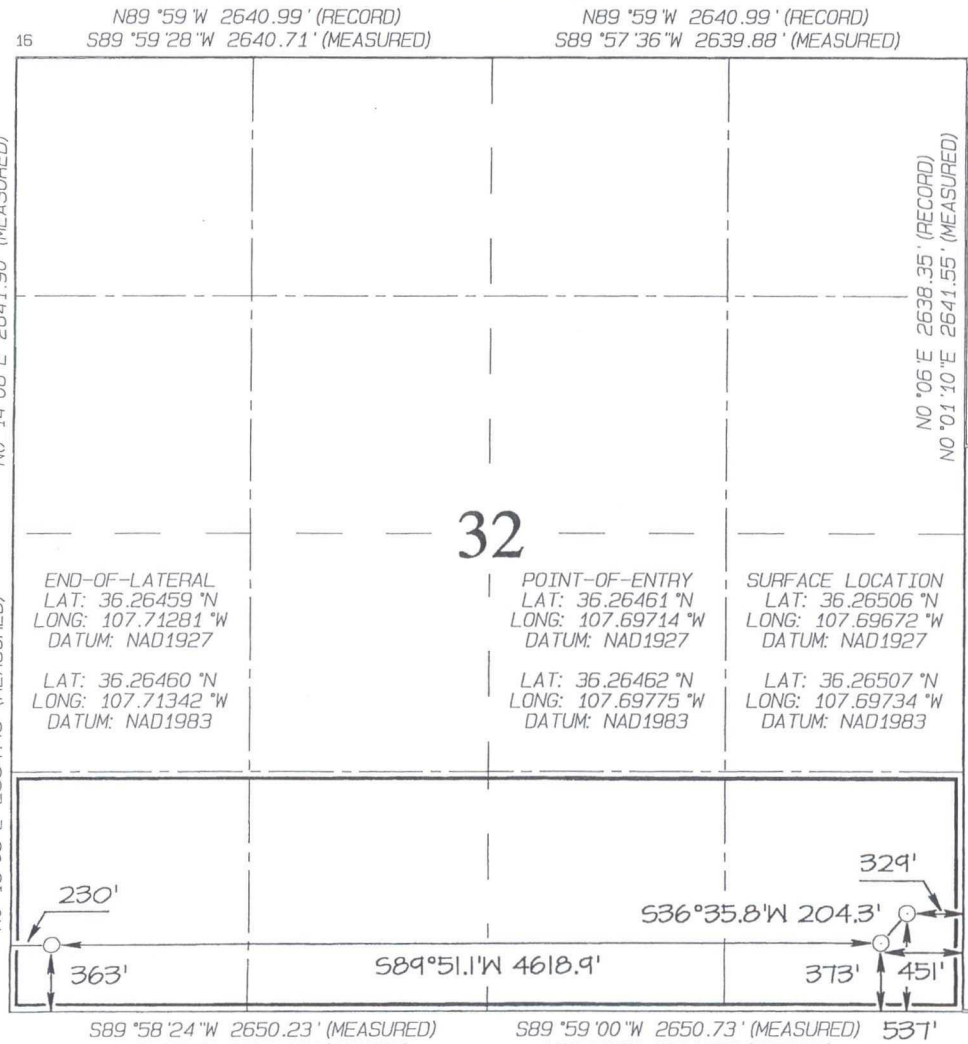
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	24N	8W		537	SOUTH	329	EAST	SAN JUAN

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	24N	8W		363	SOUTH	230	WEST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160.0 Acres - (S/2 S/2)			

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



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Date 5/8/15

Marie E. Jaramillo
Printed Name

marie.jaramillo@wpxenergy.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

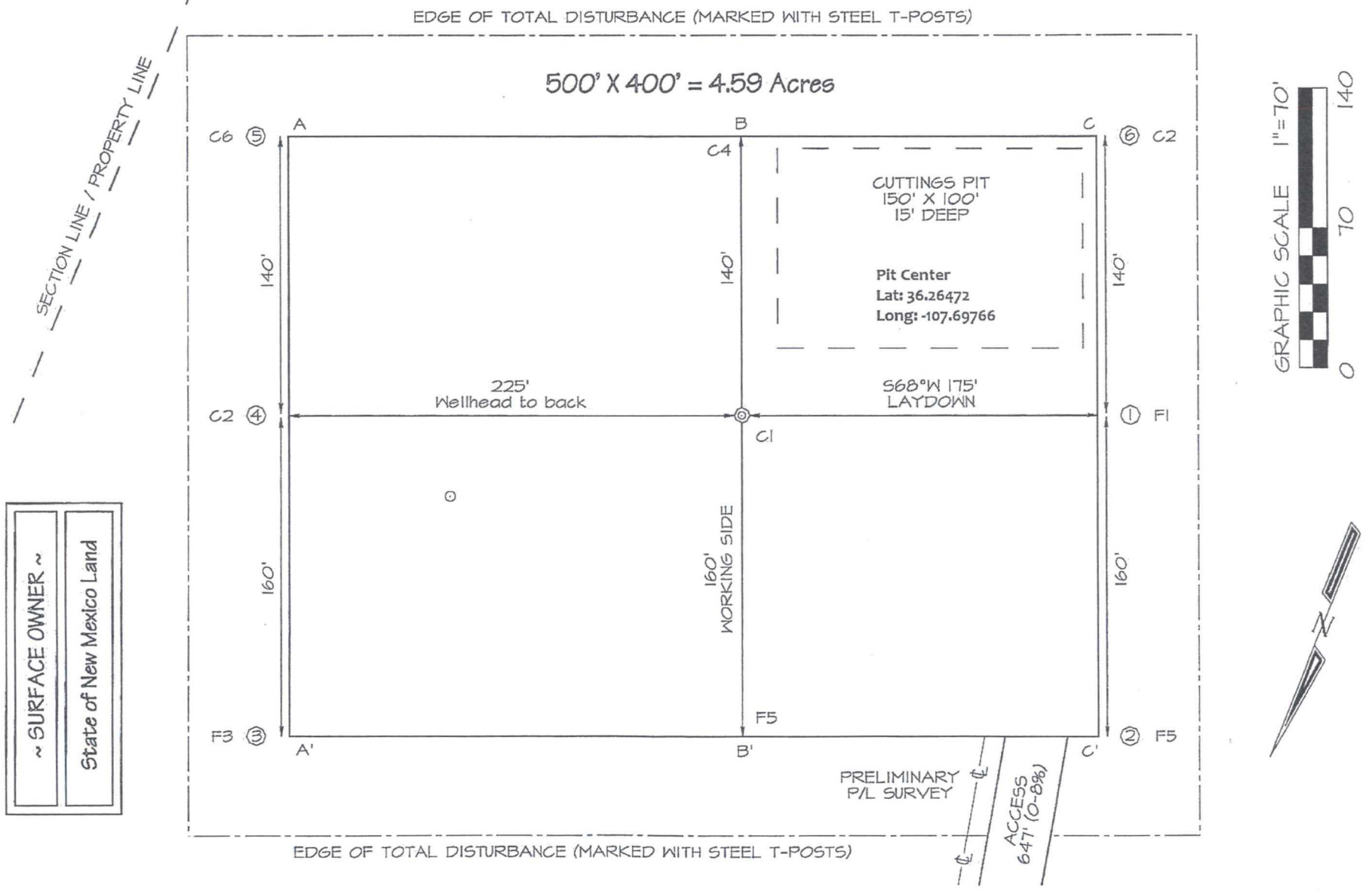
Date Revised: OCTOBER 29, 2013
Date of Survey: JUNE 25, 2013

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

WPX ENERGY PRODUCTION, LLC CHACO 2408–32P #115H
537' FSL & 329' FEL, SECTION 32, T24N, R8W, NMPM
SAN JUAN COUNTY, NEW MEXICO ELEVATION: 7035'
LAT: 36.26507°N LONG: 107.69734°W DATUM: NAD1983



Steel T-Posts have been set to define the Edge of Disturbance limits which are 50' offset from the edge of the staked wellpad.

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised August 1, 2011

1. WELL API NO.
30-045-35491

2. Type of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.
L2986-1

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☒ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Chaco 2408 32P

6. Well Number:
115H

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
WPX Energy Production, LLC

9. OGRID
120782

10. Address of Operator
PO Box 640 / 721 South Main, Aztec, NM 87410

11. Pool name or Wildcat
Nageezi Gallup

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
		10/26/13		

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude 35.26472 Longitude -107.69766 NAD 1927 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

Signature

Printed Name: Marie E. Jaramillo Title: Permit Tech Date:5/13/15

E-mail Address: marie.jaramillo@wpxenergy.com

envirotech
Analytical Laboratory

Analytical Report

Report Summary

Client: WPX Energy, Inc.
Chain Of Custody Number: 16990
Samples Received: 5/15/2014 3:58:00PM
Job Number: 04108-0006
Work Order: P405039
Project Name/Location: Chaco 2408-32 P #115H

Entire Report Reviewed By: _____ Date: 5/21/14

Tim Cain, Laboratory Manager

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 Fx (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #115H	
PO Box 21218	Project Number:	04108-0006	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	21-May-14 13:49

Analyical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Reserve Pit	P405039-01A	Solid	05/15/14	05/15/14	Glass Jar, 4 oz.

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

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Analytical Laboratory

WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #115H	
PO Box 21218	Project Number:	04108-0006	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	21-May-14 13:49

Reserve Pit

P405039-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1420044	05/16/14	05/20/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1420044	05/16/14	05/20/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1420044	05/16/14	05/20/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1420044	05/16/14	05/20/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1420044	05/16/14	05/20/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1420044	05/16/14	05/20/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1420044	05/16/14	05/20/14	EPA 8021B	
Surrogate: Bromochlorobenzene		*131 %*	*80-120*		*1420044*	*05/16/14*	*05/20/14*	*EPA 8021B*	*S-02*
Surrogate: 1,3-Dichlorobenzene		*112 %*	*80-120*		*1420044*	*05/16/14*	*05/20/14*	*EPA 8021B*	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	**8.73**	4.99	mg/kg	1	1420044	05/16/14	05/20/14	EPA 8015D	
Diesel Range Organics (C10-C28)	**382**	30.0	mg/kg	1	1420043	05/16/14	05/20/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	**391**	20.0	mg/kg	1	1420042	05/16/14	05/16/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	**90.8**	9.91	mg/kg	1	1420040	05/16/14	05/16/14	EPA 300.0	

envirotech
Analytical Laboratory

WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #115H	
PO Box 21218	Project Number:	04108-0006	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	21-May-14 13:49

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1420044 - Purge and Trap EPA 5030A										
Blank (1420044-BLK1)				Prepared: 16-May-14 Analyzed: 20-May-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	*51.5*		*ug/L*	*50.0*		*103*	*80-120*			
Surrogate: Bromochlorobenzene	*53.6*		"	*50.0*		*107*	*80-120*			
Duplicate (1420044-DUP1)		**Source: P405039-01**		Prepared: 16-May-14 Analyzed: 20-May-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	*56.7*		*ug/L*	*50.0*		*113*	*80-120*			
Surrogate: Bromochlorobenzene	*65.8*		"	*50.0*		*132*	*80-120*			*S-02*
Matrix Spike (1420044-MS1)		**Source: P405039-01**		Prepared: 16-May-14 Analyzed: 20-May-14						
Benzene	49.9		ug/L	50.0	ND	99.8	39-150			
Toluene	50.5		"	50.0	ND	101	46-148			
Ethylbenzene	53.2		"	50.0	ND	106	32-160			
p,m-Xylene	105		"	100	ND	105	46-148			
o-Xylene	50.0		"	50.0	ND	100	46-148			
Surrogate: 1,3-Dichlorobenzene	*56.4*		"	*50.0*		*113*	*80-120*			
Surrogate: Bromochlorobenzene	*67.8*		"	*50.0*		*136*	*80-120*			*S-02*

envirotech
Analytical Laboratory

WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #115H	
PO Box 21218	Project Number:	04108-0006	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	21-May-14 13:49

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 1420043 - DRO Extraction EPA 3550C										
Blank (1420043-BLK1)				Prepared: 16-May-14 Analyzed: 20-May-14						
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg							
Duplicate (1420043-DUP1)	Source: P405039-01			Prepared: 16-May-14 Analyzed: 20-May-14						
Diesel Range Organics (C10-C28)	446	29.9	mg/kg		382			15.5	30	
Matrix Spike (1420043-MS1)	Source: P405039-01			Prepared: 16-May-14 Analyzed: 20-May-14						
Diesel Range Organics (C10-C28)	585		mg/L	250	363	88.9	75-125			

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Analytical Laboratory

WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #115H	
PO Box 21218	Project Number:	04108-0006	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	21-May-14 13:49

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 1420044 - Purge and Trap EPA 5030A										
Blank (1420044-BLK1)				Prepared: 16-May-14 Analyzed: 20-May-14						
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg							
Duplicate (1420044-DUP1)	Source: P405039-01			Prepared: 16-May-14 Analyzed: 20-May-14						
Gasoline Range Organics (C6-C10)	8.29	5.00	mg/kg		8.73			5.12	30	
Matrix Spike (1420044-MS1)	Source: P405039-01			Prepared: 16-May-14 Analyzed: 20-May-14						
Gasoline Range Organics (C6-C10)	0.68		mg/L	0.450	0.17	112	75-125			

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Analytical Laboratory

WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #115H	
PO Box 21218	Project Number:	04108-0006	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	21-May-14 13:49

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1420042 - 418 Freon Extraction										
Blank (1420042-BLK1)				Prepared & Analyzed: 16-May-14						
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1420042-DUP1)		Source: P405036-01		Prepared & Analyzed: 16-May-14						
Total Petroleum Hydrocarbons	24.0	20.0	mg/kg		27.9			15.2	30	
Matrix Spike (1420042-MS1)		Source: P405036-01		Prepared & Analyzed: 16-May-14						
Total Petroleum Hydrocarbons	1800	19.9	mg/kg	2020	27.9	87.9	80-120			

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Analytical Laboratory

WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #115H	
PO Box 21218	Project Number:	04108-0006	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	21-May-14 13:49

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1420040 - Anion Extraction EPA 300.0										
Blank (1420040-BLK1)				Prepared & Analyzed: 16-May-14						
Chloride	ND	9.99	mg/kg							
LCS (1420040-BS1)				Prepared & Analyzed: 16-May-14						
Chloride	499	9.92	mg/kg	496		101	90-110			
Matrix Spike (1420040-MS1)		Source: P405036-01		Prepared & Analyzed: 16-May-14						
Chloride	499	9.91	mg/kg	496	ND	101	80-120			
Matrix Spike Dup (1420040-MSD1)		Source: P405036-01		Prepared & Analyzed: 16-May-14						
Chloride	507	9.88	mg/kg	494	ND	103	80-120	1.59	20	

envirotech
Analytical Laboratory

WPX Energy, Inc.	Project Name:	Chaco 2408-32 P #115H	
PO Box 21218	Project Number:	04108-0006	Reported:
Tulsa OK, 74121-1358	Project Manager:	Buddy Shaw	21-May-14 13:49

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
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

CHAIN OF CUSTODY RECORD

16990

Client:	Project Name / Location:
WPX Energy	Chaco 2408-32P #115H
Email results to: buddy.shaw@wpxenergy.com	Sampler Name: Glenn Shelby
Client Phone No.:	Client No.: 04108-0006

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative HNO_3	Preservative HCl	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Reserve Pit	5/15/14	9:55 am	P405039-01	1 4oz				✓	✓							✓	✓				Y	Y

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Glenn Shelby	5/15/14	3:58 pm		5/15/14	1558
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix

Soil ☒ Solid ☒ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

16.4°C

envirotech Analytical Laboratory

5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc

WPXENERGY

WPX Energy Production
San Juan Basin Operations

Temporary Pit Inspection

Well Name:	Chaco 2408 32P #115H			API:	30-045-35491		
Pit Type:	Drilling ☑	Workover ☐	Cavitation ☐	Inspection:	Daily ☐	Weekly ☑	

Date	Inspector Name	Liner	Properly fenced	Slopes intact	Adequate freeboard	free oil or sheen present	Flare Pit Free of Liquids	Comments
11/9/2013	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water.
12/4/2013	Art L. Alsup	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water 25 to 30bbls.
12/9/2013	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water and snow.
12/11/2013	Art L. Alsup	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water 25 to 30bbls.
12/19/2013	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water and snow.
12/28/2013	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water and snow.
1/4/2014	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water and snow.
1/9/2014	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water
1/18/2014	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water
1/25/2014	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water
2/1/2014	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Liquid in pit, possible rain water and snow.
2/8/2014	Cody Boyd	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☑ N☐	Y☐ N☐ N/A☑	Pit is being closed

Jaramillo, Marie

From: Johnny [johnny@adobecontractorsinc.com]
Sent: Wednesday, May 13, 2015 7:03 AM
To: Jaramillo, Marie; Lepich, Mark
Subject: FW: Notice of closure for the WPX location Chaco 2408-32P #115H cuttings pit

Marie,
Here is the notice I sent to Brandon on 2/3/2104. The final pit closure was done on 2/7/2014. Let me know if you have any questions.

Thank you,
Johnny

From: Johnny [mailto:johnny@adobecontractorsinc.com]
Sent: Monday, February 03, 2014 10:29 AM
To: Brandon Powell
Cc: 'Granillo, Lacey'; Mark Heil (mark.heil@wpxenergy.com); Heather Riley (heather.riley@wpxenergy.com); 'Shaw, Buddy'; Vanessa Fields (vanessa.fields@wpxenergy.com)
Subject: Notice of closure for the WPX location Chaco 2408-32P #115H cuttings pit

Brandon,

We will be closing this pit by Wednesday or Thursday of this 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

WPXENERGY

Jonathan,

Please Note:

On March 25, 2015, Johnny with Adobe added 4ft of soil coverage at the Chaco 2408 32P #115H. Attached is the before and after pictures as requested.

Thanks,

Marie E. Jaramillo

721 South Main Ave. | P. O. Box 640 | Aztec, NM 87410 | (505) 333-1822 Tel | WPX Energy

Jaramillo, Marie

From: Jaramillo, Marie
Sent: Thursday, March 19, 2015 11:26 AM
To: 'Jonathan.Kelly@state.nm.us'
Cc: Riley, Heather; Lepich, Mark; Granillo, Lacey; Johnny; Felix, Andrea; 'Mindy Paulek'
Subject: Notification schedule date: Cover soil - 115H Pit

Importance: High

Jonathan,
This email notification to NMOCD is confirming that WPX Energy will be adding 2-4ft soil coverage at the 115H on Wednesday, March 25, 2015.

Mark or Johnny,
Please provide:
A picture needs to be taken before and after work is complete.
A copy of the haul ticket needs to be provided, if material is hauled to location.

I will file and submit a subsequent sundry when I receive the picture and if needed, a haul ticket.

If you have any question please let me know.
Thanks,

Marie Jaramillo
marie.jaramillo@wpxenergy.com

WPXENERGY

From: Granillo, Lacey
Sent: Wednesday, March 04, 2015 11:27 AM
To: Jaramillo, Marie
Subject: FW: Cover soil - 115H Pit

Lacey Granillo
Permit Technician III
505-333-1816
505-947-1704
Lacey.Granillo@wpxenergy.com
WPXENERGY

From: Kelly, Jonathan, EMNRD [mailto:Jonathan.Kelly@state.nm.us]
Sent: Tuesday, February 24, 2015 3:44 PM
To: Heil, Mark; Powell, Brandon, EMNRD; Smith, Cory, EMNRD
Cc: Riley, Heather; Johnny; Lepich, Mark; Granillo, Lacey
Subject: RE: Cover soil - 115H Pit

Thank you for the heads up on the reschedule.

Jonathan D. Kelly
Compliance Officer
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 122
jonathan.kelly@state.nm.us

From: Heil, Mark [mailto:Mark.Heil@wpxenergy.com]
Sent: Tuesday, February 24, 2015 3:41 PM
To: Heil, Mark; Kelly, Jonathan, EMNRD; Powell, Brandon, EMNRD; Smith, Cory, EMNRD
Cc: Riley, Heather; Johnny; Lepich, Mark; Granillo, Lacey
Subject: RE: Cover soil - 115H Pit

Jonathan,

We will need to reschedule this once again because of the weather. I will contact you soon regarding this matter.

Thanks,

Mark Heil
GIS Designer II
WPX Energy
Office: 505.333.1806
Cell: 505.386.8359

WPXENERGY

From: Heil, Mark
Sent: Wednesday, February 18, 2015 10:40 AM
To: 'Kelly, Jonathan, EMNRD'; Powell, Brandon, EMNRD; Smith, Cory, EMNRD
Cc: Riley, Heather; Johnny; Lepich, Mark; Granillo, Lacey
Subject: Cover soil - 115H Pit

Jonathan,

This email serves the purpose of notifying the NMOCD that WPX Energy is planning on adding cover soil over the covered pit at the Chaco 2408-32P #115H on February 25th, 2015 at 8:30 am. Please notify me with any concerns or questions.

Thank you,

Mark Heil
GIS Designer II
WPX Energy
Office: 505.333.1806
Cell: 505.386.8359

WPXENERGY

Jaramillo, Marie

From: Johnny [johnny@adobecontractorsinc.com]
Sent: Monday, April 20, 2015 8:32 AM
To: Jaramillo, Marie
Subject: Pit marker pictures for the Chaco 2408-32P #115H
Attachments: Chaco 115H 1.jpg; Chaco 115H 2.jpg; Chaco 115H 3.jpg; Chaco 115H 4.jpg

Follow Up Flag: Follow up
Flag Status: Flagged

Marie,
Here are the pictures for this pit after we backfilled again. 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

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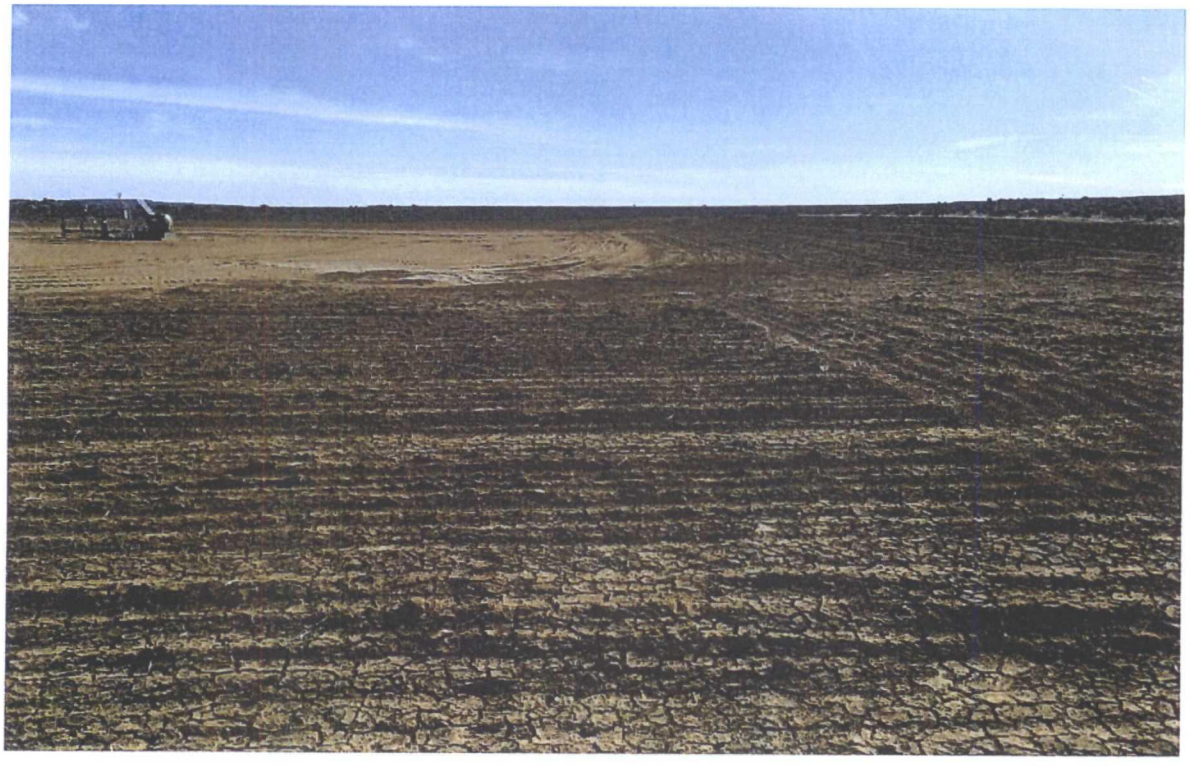
Before adding additional 2-4ft soil coverage:

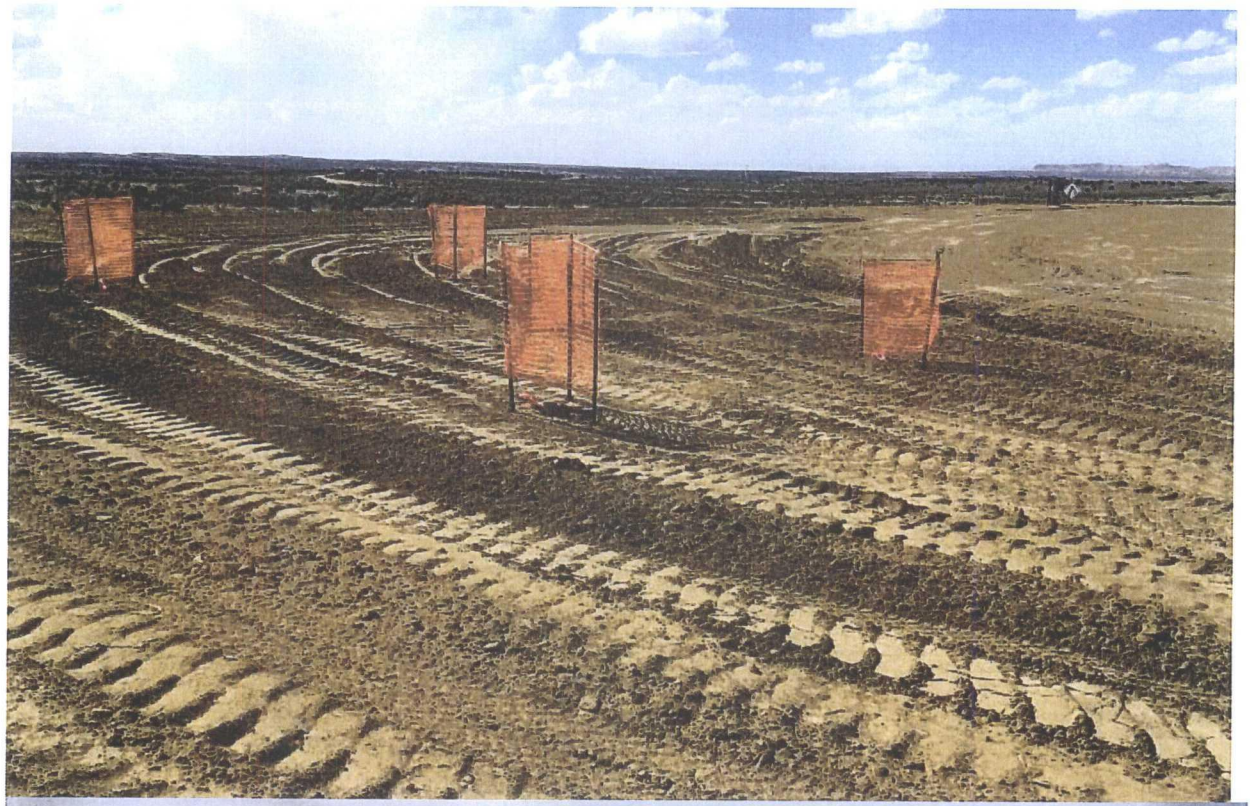


Before adding additional 2-4ft soil coverage:

After adding additional 2-4ft soil coverage:

After adding additional 2-4ft soil coverage:

After adding additional 2-4ft soil coverage:



After adding additional 2-4ft soil coverage: