

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109



#7305

FOR OGCC USE ONLY

Received
8/14/2012

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☒ Site/Facility Closure ☐ Other (describe): _____

OGCC Employee:

☐ Spill ☐ Complaint
☐ Inspection ☐ NOAV

Tracking No:

OGCC Operator Number: 96705

Name of Operator: WPX Energy Production, LLC

Address: POB 640 / 721 So. Main

City: Aztec State: NM Zip: 87410

Contact Name and Telephone:

Michael K (Myke) Lane

No: 505-333-1819

Fax: 505-333-1805

API Number: 05-067-05466

County: La Plata

Facility Name: Pit

Facility Number: 105416

Well Name: Ignacio 33-8

Well Number: 017

Location: (QtrQtr, Sec, Twp, Rng, Meridian): J-11-T33N-R08W, NMPM Latitude: 37.11500 Longitude: -107.68313

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): Produced Water

Site Conditions: Is location within a sensitive area (according to Rule 901e)? ☐ Y ☒ N If yes, attach evaluation.

Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): Irrigated

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Arboles clay 3-12%

Potential receptors (water wells within 1/4 mi, surface waters, etc.): Water well ~150 ft east.

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):

- ☐ Soils
☐ Vegetation
☐ Groundwater
☐ Surface Water

Extent of Impact:

How Determined:

TBD- Not anticipated

N/A

TBD- Not Likely

TBD- Not Likely

REMEDIAL WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):

Assesment of former pit associated with COGCC. Currently buried vessel in proximity of former pit. Soil sampling to be done around perimeter of tank using hand auger or similar sampling method to +/- 8 feet below ground surface.

Describe how source is to be removed:

Submit soils samples to lab for Table 910-1 analysis.

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:

If soil impact found based on soil sampling, COGCC will be notified and assesment plan/reclamation plan will be developed. If no soil impact is found pit record will be closed.



Tracking Number: _____
Name of Operator: _____
OGCC Operator No: _____
Received Date: _____
Well Name & No: _____
Facility Name & No: _____

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REMEDIATION WORKPLAN (Cont.)

OGCC Employee: _____

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

TBD. If impact is identified in lab results of soil sample a revised plan will be submitted to address the requirements.

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

TBD. No seeding or surface restoration planned until site abandonment.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☐ N If yes, describe:

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: _____ Date Site Investigation Completed: _____ Date Remediation Plan Submitted: _____
Remediation Start Date: _____ Anticipated Completion Date: _____ Actual Completion Date: _____

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Michael K. Lane

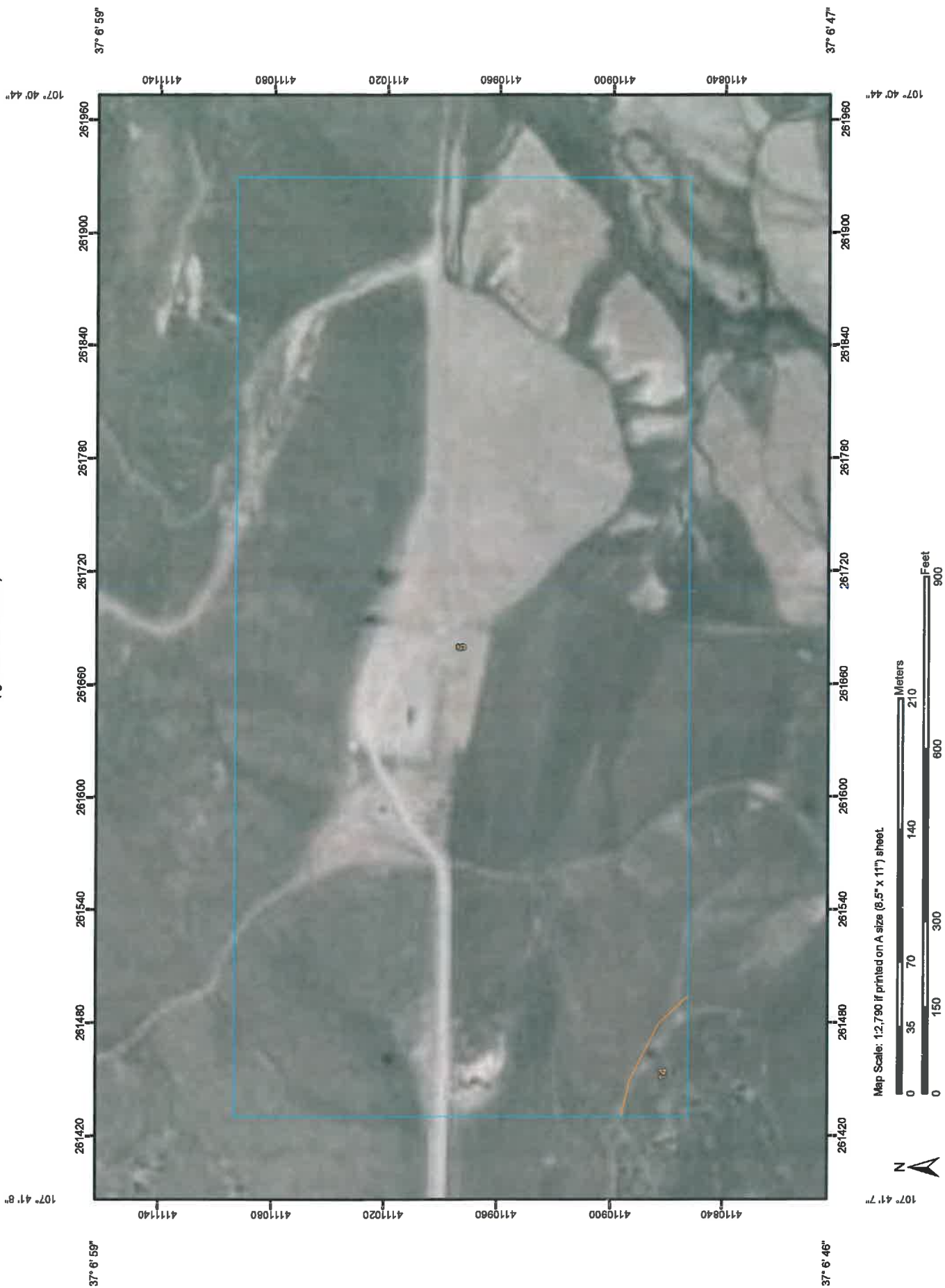
Signed: Cade Payne for Mike Lane

Title: San Juan Basin EH&S Supervisor





































Date: 8-7-12

OGCC Approved: _____ Title: _____ Date: _____

Soil Map—La Plata County Area, Colorado
(Ignacio 33-8 #017)



MAP LEGEND

	Area of Interest (AOI)		Very Stony Spot
	Soils		Wet Spot
			Other
	Soil Map Units		
	Special Point Features		Special Line Features
	Blowout		Gully
	Borrow Pit		Short Steep Slope
	Clay Spot		Other
	Closed Depression		Political Features
	Gravel Pit		Cities
	Gravelly Spot		Water Features
	Landfill		Streams and Canals
	Lava Flow		Transportation
	Marsh or swamp		Rails
	Mine or Quarry		Interstate Highways
	Miscellaneous Water		US Routes
	Perennial Water		Major Roads
	Rock Outcrop		Local Roads
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		
	Spoil Area		
	Stony Spot		

MAP INFORMATION

Map Scale: 1:2,790 if printed on A size (8.5" x 11") sheet.
The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 13N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: La Plata County Area, Colorado
Survey Area Data: Version 10, Mar 25, 2008

Date(s) aerial images were photographed: 7/19/2005

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

La Plata County Area, Colorado (CO669)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
5	Arboles clay, 3 to 12 percent slopes	29.4	98.8%
14	Bodot clay, 3 to 10 percent slopes	0.4	1.2%
Totals for Area of Interest		29.8	100.0%

Ignacio 33-8 #017



Ignacio 33-8 #017



Google earth

feet 700
meters 200



Photo Date: 8-18-11