

State of Colorado Oil and Gas Conservation Commission

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



#7297

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 Operator Number: 96705Name of Operator: WPX Energy Production, LLCAddress: POB 640 / 721 So. MainCity: Aztec State: NM Zip: 87410

Contact Name and Telephone:

Michael K (Myke) LaneNo: 505-333-1819Fax: 505-333-1805API Number: 05-067-05508County: La PlataFacility Name: PitFacility Number: 105402Well Name: Ignacio 33-8Well Number: 002Location: (QtrQtr, Sec, Twp, Rng, Meridian): K-01-T33N-R08W, NMPM Latitude: 37.12936 Longitude: -107.67114

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.): Native-RangeSoil type, if not previously identified on Form 2A or Federal Surface Use Plan: Bodot Clay 3-10%Potential receptors (water wells within 1/4 mi, surface waters, etc.): 2 water wells ~250 ft south.

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 anticipatedN/ATBD- Not LikelyTBD- Not Likely

REMEDIALATION 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: _____

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

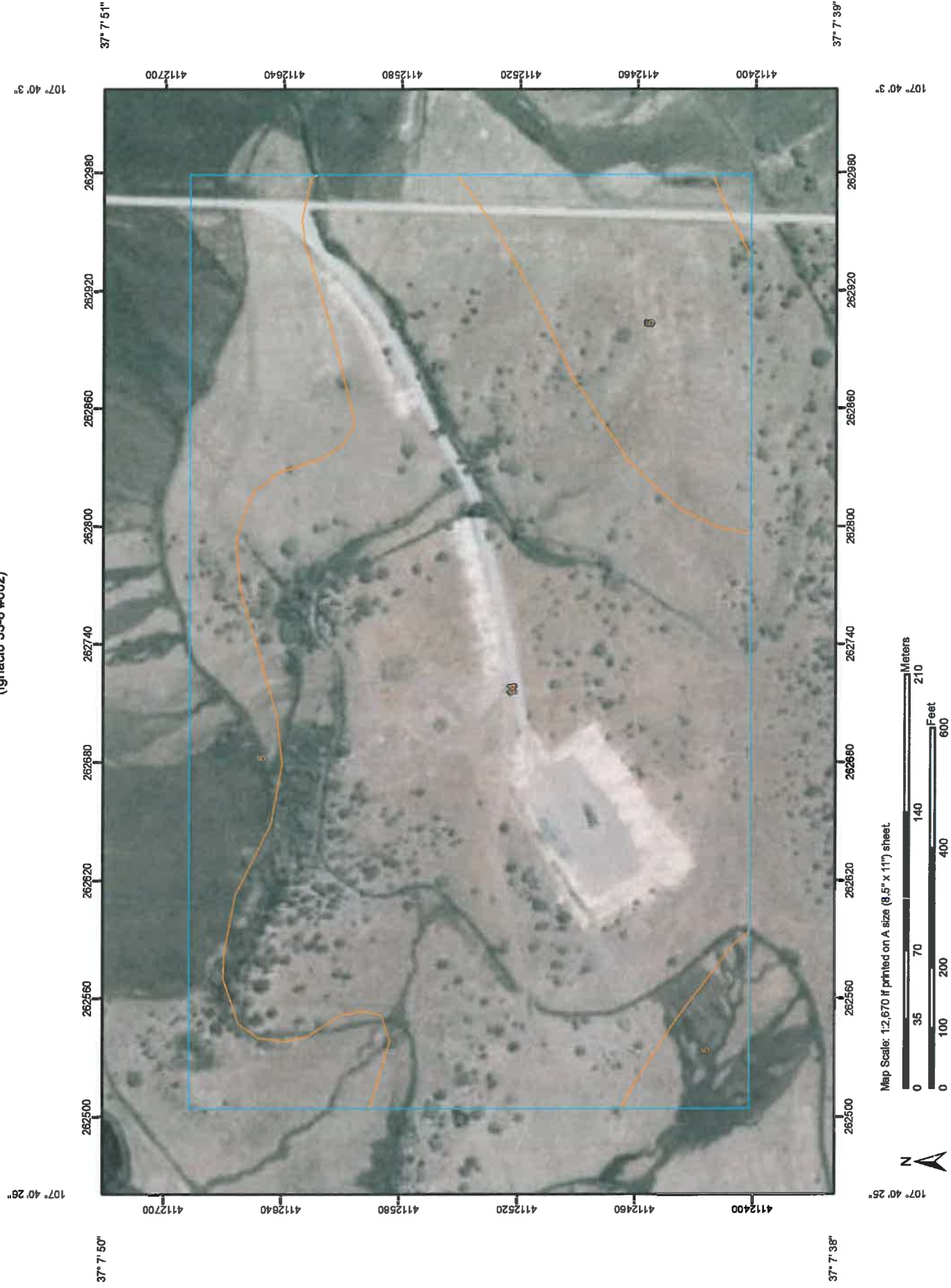
Signed: *Code Page for Mike Lane*

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 #002)



MAP LEGEND

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

MAP INFORMATION

Map Scale: 1:2,670 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 Date: Version 10, Mar 25, 2008

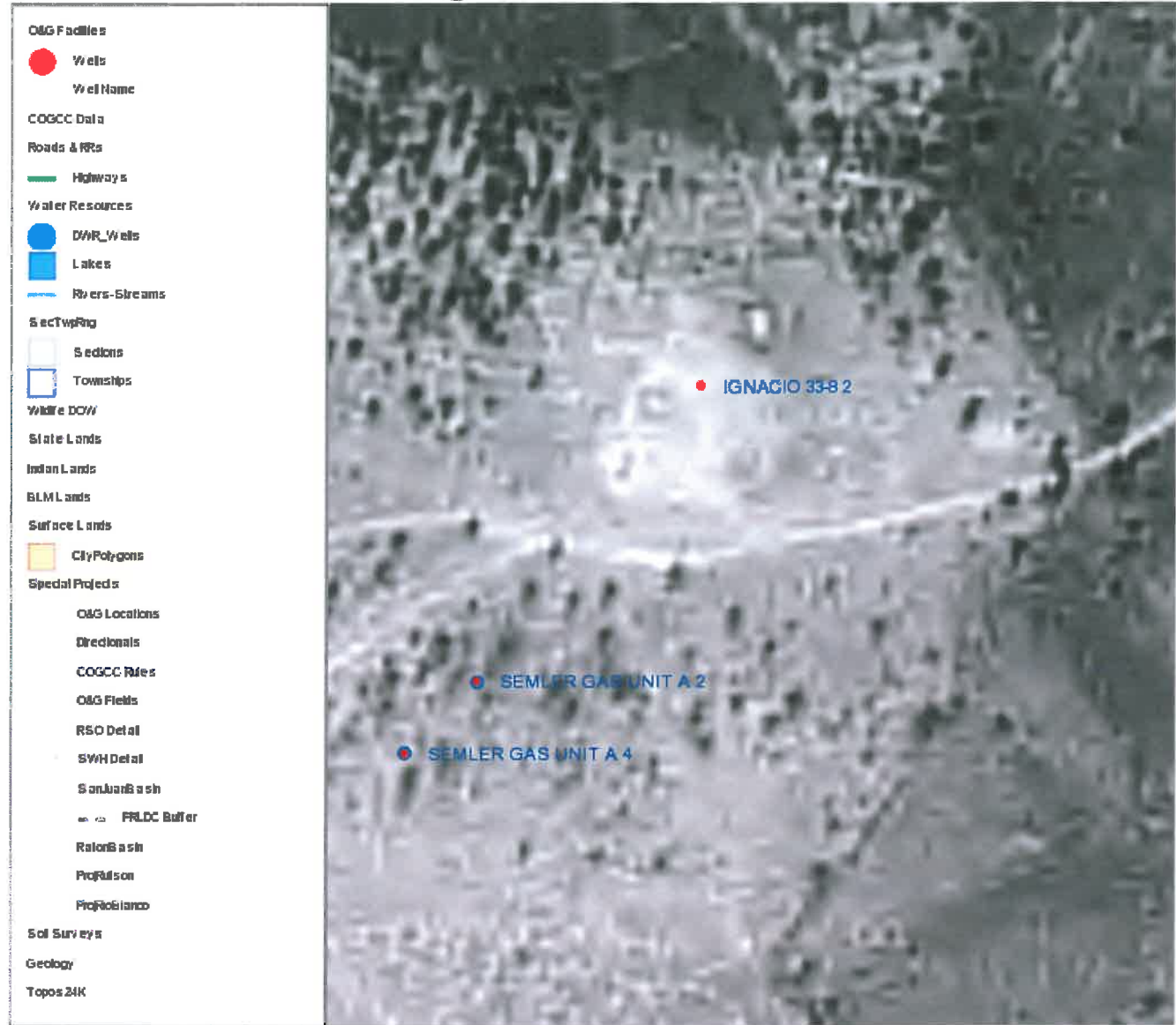
Date(s) aerial images were photographed: 7/19/2005

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	10.8	31.8%
14	Bodot clay, 3 to 10 percent slopes	22.8	68.2%
Totals for Area of Interest		33.5	100.0%

Ignacio 33-8 #002



Ignacio 33-8 #002



Google earth

feet 800
meters 200



Photo Date: 8-18-11