

State of Colorado  
**Oil and Gas Conservation Commission**



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

#7304

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.

OGCC Employee:  
 Spill       Complaint  
 Inspection       NOAV  
 Tracking No:

**CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED**

Spill or Release     Plug & Abandon     Central Facility Closure     Site/Facility Closure     Other (describe): \_\_\_\_\_

OGCC Operator Number: <u>96705</u>	Contact Name and Telephone: _____
Name of Operator: <u>WPX Energy Production, LLC</u>	<u>Michael K (Myke) Lane</u>
Address: <u>POB 640 / 721 So. Main</u>	No: <u>505-333-1819</u>
City: <u>Aztec</u> State: <u>NM</u> Zip: <u>87410</u>	Fax: <u>505-333-1805</u>

API Number: <u>05-067-05721</u>	County: <u>La Plata</u>
Facility Name: <u>Pit</u>	Facility Number: <u>105429</u>
Well Name: <u>Ignacio 33-8</u>	Well Number: <u>014</u>
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>E-15-T33N-R08W, NMPM</u> Latitude: <u>37.10734</u> Longitude: <u>-107.70984</u>	

**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-Range

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Sili clay loam 3-6%

Potential receptors (water wells within 1/4 mi, surface waters, etc.): 2 Water wells ~500 ft south.

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

Impacted Media (check):	Extent of Impact:	How Determined:
<input type="checkbox"/> Soils	_____	TBD- Not anticipated
<input type="checkbox"/> Vegetation	_____	N/A
<input type="checkbox"/> Groundwater	_____	TBD- Not Likely
<input type="checkbox"/> Surface Water	_____	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.

FORM  
27  
Rev 6/99

State of Colorado  
Oil and Gas Conservation Commission  
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(303)894-2100 Fax:(303)894-2109



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

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REMEDATION 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: *Code Page for Myke Lane*  
Title: San Juan Basin EH&S Supervisor Date: *8-7-12*

OGCC Approved: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_



## MAP LEGEND

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

## MAP INFORMATION

Map Scale: 1:3,360 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
63	Sili clay loam, 3 to 6 percent slopes	35.5	66.5%
82	Zyme-Rock outcrop complex, 12 to 65 percent slopes	17.9	33.5%
<b>Totals for Area of Interest</b>		<b>53.4</b>	<b>100.0%</b>

# Ignacio 33-8 #014

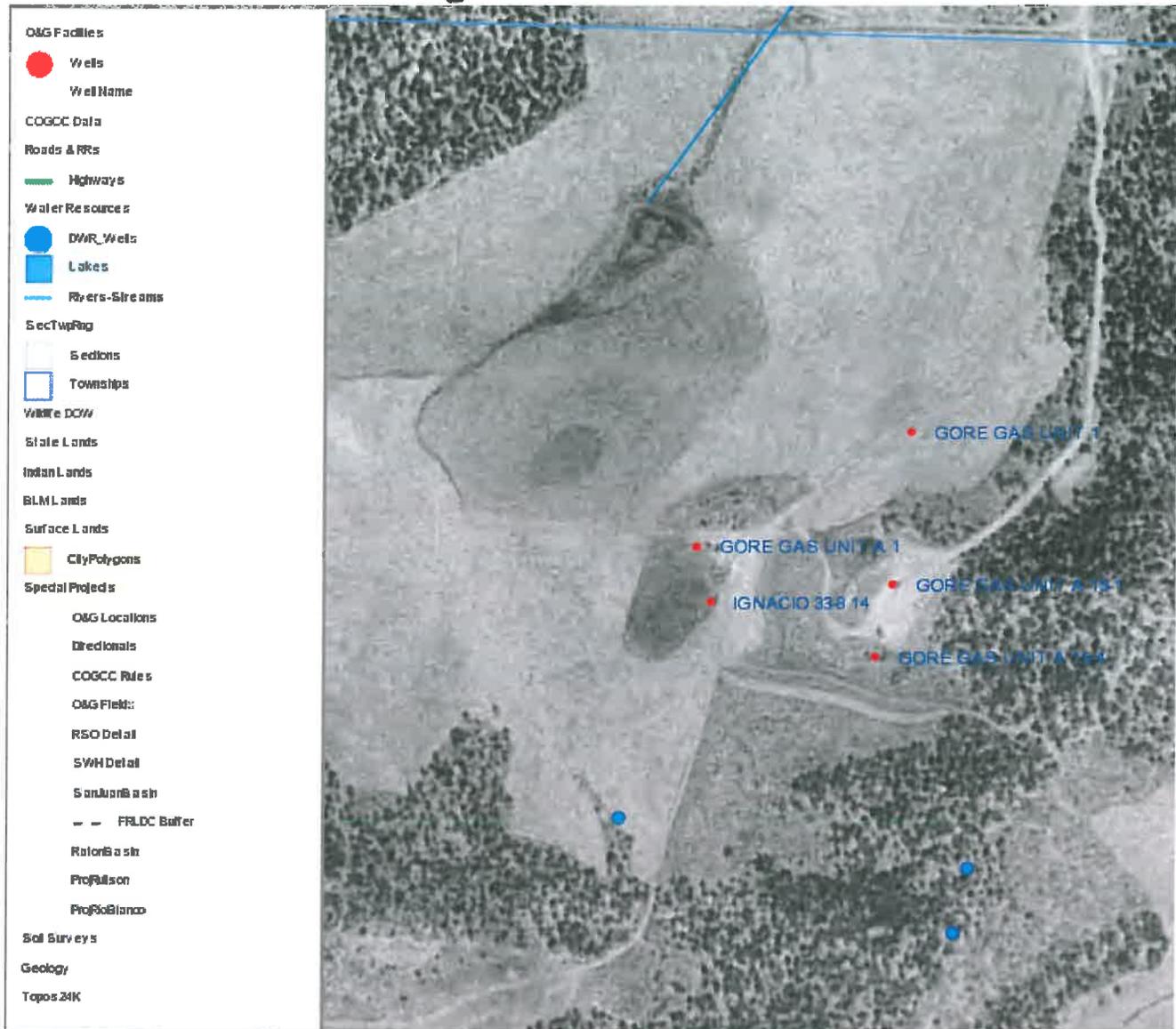


Photo Date: 9-22-93



Ignacio 33-8 #014



Google earth



Photo Date: 6-16-05